



Rangely Oil Field,  
Rio Blanco County, Colorado  
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GEOLOGICAL AND ENGINEERING DATA

RANGELY FIELD

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RANDELY FIELD

WELL COMPLETION DATA

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETS	WELLER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
CALIFORNIA Emerald #1	5329 rdb NE SW 30-2N-102W	4-12-44	5565 (-236)	5575 (-246)	F	
	5363 rdb NE NE 25-2N-103W	8-26-44	5708 (-345)	6281 (-952)	F	
	5331 df SW SW 30-2N-102W	5-11-45	5552 (-226)	5720 (-357)	F	
	5356 df NE NE 26-2N-103W	4-3-45	5810 (-388)	6462 (-1099)	F	
	5422 df NW NW 25-2N-103W	1-4-46	5660 (-278)	5705 (-374)	F	
	5382 df SW SE 25-2N-103W	4-20-46	5611 (-287)	6286 (-955)	F	
	5324 df SE NW 30-2N-102W	9-13-45	5986 (-166)	5725 (-362)	F	
	5528 df NE SE 26-2N-103W	4-22-46	5883 (-414)	6376 (-1020)	F	
	5520 df SW NE 26-2N-103W	10-9-45	5955 (-160)	5815 (-393)	F	
	5469 df NE NE 26-2N-103W	1-31-46	6102 (-562)	6522 (-1100)	F	
	5495 df NW NE 26-2N-103W	12-22-46		5767 (-385)	F	
	5540 df NE NW 26-2N-103W	3-21-47		6395 (-1013)	F	
	4-17-46		5695 (-371)	F		
	6-27-46		6346 (-1022)	F		
	4-8-46		5980 (-452)	F		
	8-4-46		6628 (-1100)	F		
	5-1-46		5988 (-468)	F		
	8-2-46		6620 (-1100)	F		
	5-10-46		5890 (-421)	F		
	9-11-46		6569 (-1100)	F		
	6-24-46		5955 (-160)	F		
	8-26-46		6104 (-564)	F		
	7-12-46		6640 (-1100)	F		
	9-14-46			F		

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
CALIFORNIA Emerald #13	5474 df	3-29-47		5868 (-394)		
	SE NE 26-2N-103W	6-16-47	5860(-386)	6288 (-814)	F	
#14	5422 df	3-29-47		5900 (-478)		
	NE NW 36-2N-103W	6-16-47	5893 (-471)	6521 (-1100)	F	
#15	5526 df	8-27-46		6178 (-652)		
	SE NW 26-2N-103W	11-27-46	6175 (-649)	6626 (-1100)	F	
#16	5315 df	10-4-46		5695 (-380)		
	NE NW 31-2N-102W	12-17-46	5530 (-215)	6415 (-1100)	F	
#17	5535 df	6-24-47		6147 (-612)		
	SE SE 26-2N-103W	9-22-47	6142 (-607)	6631 (-1096)	P	
#18	5367 df	7-2-47		5757 (-390)		
	NE SE 25-2N-103W	9-19-47	5621 (-254)	6355 (-988)	F	
#19	5331 df	6-21-47		5721 (-390)		
	NE NW 30-2N-102W	8-3-47	5687 (-356)	6422 (-1091)	F	
#20	5397 df	1-25-47		5893 (-496)		
	SW NE 36-2N-103W	5-10-47	5890 (-493)	6497 (-1099)	F	
#21	5388 df	1-17-47		5944 (-556)		
	NE SE 36-2N-103W	4-21-47	5944 (-556)	6488 (-1100)	P	
#22	5340 df	5-12-48		5746 (-400)		
	SE NW 31-2N-102W	10-13-48	5632 (-292)	6355 (-1015)	F	
#23	5473 df	3-9-47		5945 (-472)		
	SW SW 25-2N-103W	5-23-47	5928 (-455)	6573 (-1100)	F	
#24	5473 df	6-6-47		5886 (-413)		
	NW SW 25-2N-103W	8-20-47		6574 (-901)	F	
#25	5462 df	6-26-47		6120 (-658)		
	NW NW 36-2N-103W	10-4-47	6118 (-656)	6562 (-1100)	P	

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COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#26 Emerald #26	5312 df	9-5-47		5698 (-376)		
	SE SW 30-2N-102W	11-16-47	5538 (-225)	6273 (-961)	F	
#27	5444 df	9-28-47		5848 (-404)		
	SW NW 25-2N-103W	11-30-47	5802 (-358)	6539 (-1095)	F	
#28	5423 df	9-28-47		5805 (-382)		
	NE SW 25-2N-103W	12-5-47	5749 (-326)	6475 (-1052)	F	
#29	5356 df	12-3-47		5736 (-380)		
	SE NE 25-2N-103W	2-27-48	5650 (-294)	6385 (-1029)	F	
#30	5391 df	12-5-47		5766 (-375)		
	NW SE 25-2N-103W	2-18-48	5669 (-278)	6404 (-1013)	F	
#31	5247 df	12-10-47		5745 (-398)		
	NW NW 30-2N-102W	2-12-48	5710 (-363)	6445 (-1098)	F	
#32	5338 df	12-17-47		5728 (-390)		
	SW NW 30-2N-102W	3-4-48	5637 (-299)	6372 (-1034)	F	
#33	5346 df	1-25-48		5722 (-376)		
	NW SW 30-2N-102W	4-6-48	5594 (-248)	6318 (-972)	F	
#34	5357 df	12-16-47		5742 (-385)		
	SE SE 25-2N-103W	2-28-48	5602 (-245)	6337 (-980)	F	
#35	5413 df	12-14-47		5832 (-419)		
	SE SW 25-2N-102W	3-2-48	5784 (-371)	6506 (-1093)	F	
#36	5332 df	4-1-48		5772 (-440)		
	SE NE 36-2N-103W	6-12-48	5723 (-361)	6462 (-1130)	F	
#37	5393 df	2-21-48		5803 (-410)		
	NW NE 36-2N-103W	5-8-48	5754 (-361)	6489 (-1096)	P	
#38	5339 df	2-27-48		5719 (-380)		
	NW NW 31-2N-102W	5-6-48	5580 (-241)	6315 (-976)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Emerald #39	5379 df	3-11-48		5798 (-419)		
	NW SW 31-2N-102W	5-18-48	5797 (-418)	6472 (-1093)	F	
	5331 df	4-19-48		5714 (-383)		
#40	SW NW 31-2N-102W	10-15-48	5601 (-270)	6336 (-1005)	F	
	5453 df	4-26-48		6099 (-646)		
#41	SE NW 36-2N-103W	7-20-48	6102 (-649)	6553 (-1100)	F	
	5398 df	8-26-48		6105 (-707)		
#42	NW SE 36-2N-103W	12-27-48	6102 (-704)	6498 (-1100)	F	
	5377 df	10-21-48		6071 (-694)		
#43	SW SW 31-2N-102W	1-20-49	6072 (-695)	6477 (-1100)	F	
	5476 df	2-18-49	6411 TVD	6413 (-935) (TVD)		
#44	SW NW 36-2N-103W	5-10-49	(-935 TVD)	6558 (-1075) (TVD)	P	
	5311 df	9-21-44		5617 (-306)		
Fee #1	NE SE 30-2N-102W	1-9-45	5557 (-246)	6306 (-995)	F	
	5283 df	2-15-45		5615 (-332)		
#2	SW SE 29-2N-102W	6-28-45	5530 (-247)	6265 (-982)	F	
	5277 df	1-20-45		5632 (-355)		
#3	SW NW 29-2N-103W	5-21-45	5593 (-316)	6328 (-1051)	F	
	5347 df	6-29-45		6080 (-733)		
#4	NE NE 19-2N-102W	9-13-45	6072 (-725)	6447 (-1100)	P	
	5322 df	8-28-45		6000 (-678)		
#5	SW NW 20-2N-102W	12-26-45	5987 (-665)	6422 (-1100)	P	
	5329 df	3-7-46		5960 (-631)		
#6	NE SE 20-2N-102W	6-2-46	5950 (-621)	6429 (-1100)	Pk	
	5319 df	5-9-45		5867 (-548)		
#7	NE SE 19-2N-102W	8-27-45	5865 (-546)	6421 (-1102)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WBHR & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#8 Pee	5258 df NE SE 29-2N-102W	10-8-45	5586 (-328)	5620 (-362)	Pk	
	5260 df	1-13-46		6358 (-1100)		
#9	SE NE 33-2N-102W	6-12-45	5550 (-290)	5609 (-349)	F	
	5279 df	10-25-45		6363 (-1103)		
#10	NE NE 29-2N-102W	10-7-45	5730 (-451)	5757 (-478)	F	
	5268 df	2-15-46		6379 (-1100)		
#11	SW SE 28-2N-102W	6-6-45	5642 (-374)	5646 (-378)	F	
	5351 df	9-14-45		6368 (-1100)		
#12	SW NE 28-2N-102W	10-19-45	5845 (-494)	5849 (-498)	P	
	5295 df	2-26-46		6450 (-1099)		
#13	NE SE 28-2N-102W	4-29-46	5750 (-455)	5765 (-470)	P	
	5299 df	7-28-46		6395 (-1100)		
#14	SW SW 21-2N-102W	12-21-45	5875 (-576)	5876 (-577)	Pk	
	5296 df	4-9-46		6399 (-1100)		
#15	NE NE 33-2N-102W	2-22-46	5614 (-318)	5666 (-370)	F	
	5297 df	5-26-46		6349 (-1053)		
#16	SE NE 30-2N-102W	5-27-46	5602 (-305)	5682 (-385)	F	
	5346 df	7-7-46		6297 (-1000)		
#17	NE SE 18-2N-102W	3-13-46	6260 (-914)	6756 (-910)	P	
	5246 df	6-14-46		6421 (-1075)		
#18	SE SE 29-2N-102W	3-19-46	5545 (-299)	5626 (-380)	P	
	5335 df	7-14-46		6146 (-900)		
#19	NE NE 28-2N-102W	6-7-46	5942 (-607)	5941 (-606)	P	
	5421 df	8-29-46		6435 (-1100)		
#20	NE SE 21-2N-102W	7-3-46	6202 (-781)	6209 (-788)	P	
		9-20-46		6521 (-1100)		

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#21 Fee	5377 df	7-21-46		6056 (-679)		
	NE NW 27-2N-102W	9-18-46	6066 (-689)	6477 (-1100)	P	
#22	5345 df	6-23-46		6240 (-895)		
	NE NW 21-2N-102W	9-3-46	6228 (-883)	6445 (-1100)	P	
#23	5318 df	6-21-46		6020 (-702)		
	SW NE 20-2N-102W	9-10-46	6020 (-702)	6418 (-1100)	P	
#24	5329 df	6-13-46		6287 (-958)		
	NW SW 17-2N-102W	8-20-46	6286 (-957)	6409 (-1080)	P	
#25	5355 df	9-3-46		5992 (-637)		
	SW NE 19-2N-102W	10-28-46	5980 (-625)	6450 (-1095)	F	
#26	5318 df	8-26-46		6090 (-772)		
	NE NW 20-2N-102W	10-19-46	6083 (-765)	6418 (-1100)	P	
#27	5364 df	8-26-46		6114 (-750)		
	SW SW 22-2N-102W	10-31-46	6106 (-742)	6464 (-1100)	P	
#28	5346 df	8-8-46		6168 (-822)		
	SE SE 18-2N-102W	10-19-46	6161 (-815)	6446 (-1100)	P	
#29	5383 df	7-31-46		6075 (-692)		
	NW NE 19-2N-102W	9-29-46	6071 (-688)	6483 (-1100)	F	
#30	5437 df	9-16-46		6169 (-732)		
	NW NE 27-2N-102W	11-28-46	6165 (-728)	6537 (-1100)	P	
#31	5405 df	9-7-46		6313 (-908)		
	SW SE 17-2N-102W	11-7-46	6303 (-898)	6480 (-1075)	P	
#32	5347 df	9-16-46		5855 (-508)		
	NE SW 19-2N-102W	11-20-46	5854 (-507)	6447 (-1100)	F	
#33	5321 df	9-21-46		5768 (-447)		
	SW SE 19-2N-102W	10-30-46	5761 (-440)	6421 (-1100)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Pee #34	5287 df	9-18-46		5687 (-100)		
	NE NE 30-2N-102W	11-25-46	5653 (-366)	6388 (-1101)	F	
#35	5299 df	4-27-48		6152 (-853)		
	SW SW 17-2N-102W	6-27-48	6150 (-851)	6399 (-1100)	P	
#36	5416 df	10-1-46		6290 (-874)		
	NE SW 22-2N-102W	12-16-46	6286 (-870)	6496 (-1080)	P	
#37	5371 df	10-14-46		6340 (-969)		
	NE SW 17-2N-102W	12-10-46	6339 (-968)	6446 (-1075)	P	
#38	5351 df	3-15-48		5761 (-410)		
	NE SW 31-2N-102W	5-18-48	5738 (-387)	6451 (-1100)	F	
#39	5268 df	6-18-47		5688 (-420)		
	SE NE 29-2N-102W	8-15-47	5654 (-386)	6368 (-1100)	Pk	
#40	5290 df	5-10-47		5726 (-436)		
	NW SE 28-2N-102W	7-4-47	5726 (-436)	6390 (-1100)	P	
#41	5325 df	6-24-47		5900 (-575)		
	NW NE 28-2N-102W	8-20-47	5893 (-568)	6422 (-1097)	P	
#42	5285 df	6-19-47		5826 (-511)		
	SE SE 20-2N-102W	9-24-47	5824 (-539)	6386 (-1101)	Pk	
#43	5337 df	6-19-47		5972 (-635)		
	SE NW 19-2N-102W	8-19-47	5950 (-613)	6437 (-1100)	P	
#44	5282 df	8-27-47		5662 (-380)		
	SE SE 30-2N-102W	10-18-47	5515 (-233)	6250 (-968)	F	
#45	5430 df	7-7-47		6253 (-823)		
	SW SE 22-2N-102W	9-4-47	6251 (-821)	6530 (-1100)	P	
#46	5361 df	8-25-47		6357 (-996)		
	SE SW 16-2N-102W	10-23-47	6344 (-983)	6461 (-1100)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Fee #47	5312 df	7-10-47		5969 (-657)		
	NW SW 21-2N-102W	8-30-47	5967 (-655)	6412 (-1100)	PK	
#48	5348 df	8-25-47		5734 (-386)		
	NW SE 31-2N-102W	10-21-47	5685 (-337)	6425 (-1077)	F	
#49	5374 df	3-12-48		6360 (-986)		
	NW SE 17-2N-102W	5-4-48	6348 (-974)	6479 (-1105)	P	
#50	5301 df	8-2-47		5686 (-385)		
	NW SW 29-2N-102W	10-5-47	5576 (-275)	6311 (-1010)	P	
#51	5316 df	9-28-47		5772 (-456)		
	SE SE 19-2N-102W	11-18-47	5769 (-453)	6416 (-1100)	F	
#52	5284 df	8-8-47		5686 (-102)		
	NW NW 29-2N-102W	9-23-47	5672 (-388)	6380 (-1096)	F	
#53	5378 df	9-25-47		6213 (-835)		
	NW SW 22-2N-102W	11-23-47	6206 (-828)	6478 (-1100)	P	
#54	5425 df	12-24-47		6333 (-908)		
	NW SE 22-2N-102W	3-1-48	6335 (-910)	6525 (-1100)	P	
#55	5293 df	12-24-47		5979 (-686)		
	SE NW 20-2N-102W	2-13-48	5976 (-683)	6394 (-1101)	P	
#56	5364 df	10-1-47		6172 (-808)		
	NW NE 20-2N-102W	11-21-47	6172 (-808)	6464 (-1100)	P	
#57	5283 df	3-12-48		5684 (-401)		
	SE SE 28-2N-102W	8-4-48	5654 (-371)	6377 (-1094)	P	Fishing 5-3-48 to 7-22-48
#58	5331 df	1-28-48		5768 (-437)		
	SE SW 19-2N-102W	3-20-48	5762 (-431)	6431 (-1100)	F	
#59	5343 df	1-2-48		6034 (-691)		
	SE SE 21-2N-102W	3-6-48	6028 (-685)	6441 (-1098)	P	

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COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Fee #60	5331 df	1-25-48		5861 (-530)		
	SE NE 28-2N-102W	3-21-48	5858 (-527)	6431 (-1100)	P	
#61	5389 df	1-3-48		6032 (-643)		
	NW NW 27-2N-102W	3-4-48	6042 (-653)	6488 (-1099)	P	
#62	5379 df	2-7-48		6080 (-701)		
	NE NW 19-2N-102W	3-29-48	6076 (-697)	6479 (-1100)	F	
#63	5332 df	2-16-48		5859 (-527)		
	NW SE 19-2N-102W	4-11-48	5858 (-526)	6432 (-1100)	F	
#64	5323 df	1-7-48		5974 (-651)		
	SE NE 19-2N-102W	2-26-48	5974 (-651)	6423 (-1100)	F	
#65	5313 df	3-5-48		6074 (-761)		
	NW NW 20-2N-102W	4-18-48	6084 (-771)	6413 (-1100)	P	
#66	5406 df	1-25-48		6429 (-1023)		
	SW SE 16-2N-102W	5-6-48	6431 (-1025)	6513 (-1107)	P	
#67	5327 df	3-31-48		6203 (-876)		
	SE SW 17-2N-102W	5-21-48	6206 (-879)	6427 (-1100)	P	
#68	5403 df	4-19-48		6186 (-783)		
	SE SW 22-2N-102W	6-7-48	6183 (-780)	6503 (-1100)	P	
#69	5380 df	5-26-48		5950 (-570)		
	SE SW 31-2N-102W	8-1-48	5957 (-577)	6480 (-1100)	F	
#70	5346 df	5-13-48		5861 (-515)		
	SW SE 31-2N-102W	7-9-48	5856 (-510)	6446 (-1100)	Pk	
#71	5397 df	8-21-48		6450 (-1053)		
	NE-SW-16-2N-102W	10-9-48	6457 (-1060)	6517 (-1120)	P	
Gray "A" #8	5359 df	12-31-44		5770 (-411)		
	SE SE 24-2N-103W	5-8-45	5765 (-406)	6461 (-1102)	F	

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COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS													
Gray "A" #9	5381 df	6-20-45		5892 (-501)															
	NE SE 24-2N-103W	9-25-45	5872 (-491)	6473 (-1092)	F														
	5362 df	8-2-45		5960 (-598)															
	SE NE 24-2N-103W	11-7-45	5945 (-583)	6459 (-1097)	F														
	5373 df	9-8-47		5887 (-514)															
	NW SW 19-2N-102W	11-7-47	5880 (-507)	6473 (-1100)	F														
#10	5334 df	1-28-47		5935 (-601)															
	SW NW 19-2N-102W	3-21-47	5933 (-599)	6434 (-1100)	F														
	5454 df	10-5-47		6216 (-762)															
	SE SE 13-2N-103W	11-28-47	6207 (-753)	6554 (-1100)	F														
	5339 df	11-15-47		5765 (-426)															
	SW SW 19-2N-102W	1-19-48	5760 (-421)	6439 (-1100)	F														
#11	5387 df	10-24-47		6044 (-657)															
	NE NE 24-2N-103W	1-8-48	6042 (-655)	6487 (-1100)	F														
	5385 df	11-24-47		6060 (-675)															
	NW NW 19-2N-102W	1-22-48	6057 (-672)	6488 (-1103)	F														
	5392 df	3-9-45		6143 (-751)															
	SW SE 18-2N-102W	6-16-45	6175 (-783)	6494 (-1102)	P														
Gray "B" #2	5389 df	4-9-46		6370 (-981)															
	SW NE 18-2N-102W	6-25-46	6374 (-985)	6489 (-1100)	P														
	5366 df	6-23-46		6262 (-896)															
	NW SE 18-2N-102W	8-23-46	6262 (-896)	6445 (-1079)	P														
	5423 df	11-29-47		6363 (-940)															
	SW NW 18-2N-102W	1-20-48	6364 (-941)	6485 (-1062)	P														
#3	5370 df	9-4-47		6421 (-1051)															
	NW NE 18-2N-102W	10-18-47	6424 (-1054)	6470 (-1100)	P														
	#4																		
								#5											
														#6					

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Gray "B" #7	5386 df	1-2-47		6353 (-967)		
	SE NW 18-2N-102W	2-28-47	6351 (-965)	6459 (-1073)	P	
	5437 df	5-6-47		6360 (-923)		
#8	SE NE 13-2N-103W	6-14-47	6352 (-915)	6537 (-1100)	P	
	5407 df	5-14-47		6267 (-860)		
	NW SW 18-2N-102W	6-27-47	6264 (-857)	6507 (-1100)	F	
#9	5427 df	5-27-47		6446 (-1019)		
	NW NW 18-2N-102W	7-12-47	6442 (-1015)	6527 (-1100)	P	
	5441 df	9-11-47		6440 (-999)		
#10	NE NE 13-2N-103W	11-1-47	6431 (-990)	6542 (-1101)	P	
	5384 df	11-4-47		6268 (-884)		
	NE SW 18-2N-102W	12-22-47	6250 (-866)	6485 (-1101)	F	
#11	5451 df	10-31-47		6220 (-769)		
	SW SW 18-2N-102W	12-18-47	6218 (-767)	6552 (-1101)	F	
	5432 df	11-9-47		6230 (-798)		
#12	SE SW 18-2N-102W	12-25-47	6221 (-789)	6532 (-1100)	F	
	5439 df	11-3-47		6298 (-859)		
	NE SE 13-2N-103W	12-25-47	6288 (-819)	6539 (-1100)	F	
#13	5389 df	11-30-47		6429 (-1040)		
	NE NW 18-2N-102W	2-6-48	6424 (-1035)	6490 (-1101)	P	
	5416 df	3-16-48		6486 (-1070)		
#14	SE SE 12-2N-103W	5-19-48	6484 (-1068)	6536 (-1120)	P	
	5400 df	8-3-44		5960 (-560)		
	SE NW 24-2N-103W	12-17-44	5960 (-560)	6499 (-1099)	F	
McLaughlin #1	5488 df	4-9-45		6115 (-627)		
	SE NW 23-2N-103W	9-4-45	6105 (-617)	6588 (-1100)	F	
#15						
#16						
#17						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #3	5434 df	7-15-45		6162 (-728)		
	SE SE 14-2N-103W	9-29-45	6155 (-721)	6533 (-1099)	F	
#4	5380 df	9-4-45		5969 (-589)		
	SW NE 24-2N-103W	12-9-45	5960 (-580)	6480 (-1100)	F	
#5	5525 df	4-1-46		6111 (-586)		
	NE SW 23-2N-103W	10-8-45	6085 (-560)	6625 (-1100)	F	
#6	5467 df	2-10-46		6281 (-814)		
	NE SE 14-2N-103W	5-15-46	6274 (-807)	6567 (-1100)	F	
#7	5511 df	3-15-46		6398 (-887)		
	SW NE 14-2N-103W	6-11-46	6368 (-877)	6587 (-1076)	F	
#8	5520 df	9-11-46		6176 (-656)		
	SW NW 23-2N-103W	11-12-46	6173 (-653)	6620 (-1100)	F	
#9	5390 df	5-22-46		6042 (-652)		
	NE NW 24-2N-103W	9-3-46	6038 (-648)	6490 (-1100)	F	
#10	5433 df	5-28-46		6167 (-734)		
	SW SW <del>12</del> <sup>13</sup> 22-2N-103W	7-31-46	6159 (-726)	6528 (-1095)	F	
#11	5563 df	5-27-46		6100 (-537)		
	SE SW 23-2N-103W	8-21-46	6098 (-535)	6663 (-1100)	F	
#12	5488 df	6-9-46		6323 (-835)		
	NW SW 13-2N-103W	9-9-46	6292 (-805)	6588 (-1100)	F	
#13	5474 df	6-24-46		6378 (-904)		
	SE NW 13-2N-103W	9-17-46	6370 (-896)	6549 (-1075)	Pk	
#14	5531 df	8-9-46		6492 (-961)		
	NW NE 14-2N-103W	10-1-46	6483 (-952)	6606 (-1075)	F	
#15	5517 df	7-5-46		6160 (-643)		
	NE NW 23-2N-103W	8-21-46	6183 (-666)	6617 (-1100)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #16	5448 df	7-4-46		6180 (-732)		
	SW SE 14-2N-103W	9-6-46	6174 (-726)	6543 (-1095)	F	
#17	5539 df	9-3-47		6579 (-1040)		
	SW SE 11-2N-103W	10-24-47	6576 (-1037)	6639 (-1100)	F	
#18	5507 df	1-7-47		6400 (-893)		
	SW NW 14-2N-103W	3-2-47	6381 (-874)	6607 (-1100)	F	
#19	5496 df	4-15-47		6312 (-816)		
	NE SW 13-2N-103W	6-3-47	6306 (-810)	6596 (-1100)	F	
#20	5430 df	7-2-46		6166 (-736)		
	SE SW 13-2N-103W	9-9-46	6158 (-728)	6530 (-1100)	F	
#21	5426 df	1-16-48		6166 (-740)		
	SW SE 13-2N-103W	3-15-48	6160 (-734)	6526 (-1100)	PK	
#22	5464 df	8-9-46		6205 (-741)		
	SE SW 14-2N-103W	10-10-46	6202 (-738)	6564 (-1100)	F	
#23	5514 df	10-11-46		6176 (-632)		
	NW SW 23-2N-103W	12-16-46	6170 (-626)	6641 (-1097)	F	
#24	5514 df	9-25-46		6208 (-691)		
	NW NW 23-2N-103W	12-1-46	6205 (-691)	6618 (-1104)	F	
#25	5516 df	10-14-47		6553 (-1037)		
	SE SE 11-2N-103W	12-3-47	6546 (-1030)	6616 (-1100)	F	
#26	5525 df	9-27-46		6300 (-775)		
	SE SE 15-2N-103W	11-30-46	6304 (-779)	6625 (-1100)	F	
#27	5496 df	9-28-46		6250 (-754)		
	SW SW 14-2N-103W	12-1-46	6244 (-748)	6596 (-1100)	F	
#28	5552 df	3-3-47		6210 (-658)		
	SW SW 23-2N-103W	4-30-47	6208 (-656)	6652 (-1100)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #29	5465 df	12-3-46		6443 (-968)		
	NE NW 13-2N-103W	1-17-47	6424 (-969)	6546 (-1082)	P	
#30	5548 df	4-30-47		6501 (-953)		
	NE NW 14-2N-103W	6-20-47	6492 (-944)	6648 (-1100)	F	
#31	5512 df	3-12-47		6410 (-891)		
	SE NE 15-2N-103W	5-25-47	6400 (-881)	6619 (-1100)	F	
#32	5445 df	5-9-47		6350 (-906)		
	SW NE 13-2N-103W	7-2-47	6348 (-903)	6547 (-1102)	Pk	
#33	5588 df	5-31-47		6605 (-1017)		
	SW SW 11-2N-103W	7-25-47	6600 (-1012)	6688 (-1100)	F	
#34	5584 df	5-28-47		6606 (-1022)		
	SE SE 10-2N-103W	7-17-47	6599 (-1015)	6684 (-1100)	F	
#35	5463 df	7-2-47		6446 (-983)		
	NW NE 13-2N-103W	8-26-47	6440 (-977)	6563 (-1100)	P	
#36	5562 df	7-17-47		6520 (-958)		
	NE NE 15-2N-103W	9-15-47	6511 (-949)	6662 (-1100)	F	
#37	5531 df	7-2-47		6355 (-824)		
	NE SE 15-2N-103W	8-29-47	6350 (-819)	6631 (-1100)	F	
#38	5506 df	4-13-48		6312 (-806)		
	NE SW 14-2N-103W	5-26-48	6309 (-803)	6606 (-1100)	F	
#39	5488 df	7-17-47		6530 (-1042)		
	SW SW 12-2N-103W	9-3-47	6520 (-1032)	6588 (-1100)	P	
#40	5513 df	1-31-48		6312 (-792)		
	NW SW 14-2N-103W	3-21-48	6224 (-811)	6613 (-1100)	F	
#41	5400 df	2-21-48		6041 (-641)		
	NW NE 24-2N-103W	4-12-48	6040 (-640)	6472 (-1072)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #42	5464 df	3-6-48	6281 (-817)	6267 (-803)		Csg--22' Above Pw
	NW SE 13-2N-103W	5-2-48	6289 (-825)	6564 (-1100)	F	
	5459 df	3-8-48		6267 (-808)		
	NW SE 11-2N-103W	5-2-48	6270 (-811)	6559 (-1100)	F	
	5590 df	4-2-48		6615 (-1025)		
#44	SE SW 11-2N-103W	5-25-48	6616 (-1026)	6690 (-1100)	F	P.B. Plastic to 6611 (-1089)
	5522 df	4-2-48		6472 (-950)		
	NW NW 11-2N-103W	5-25-48	6476 (-954)	6672 (-1150)	F	
	5492 df	3-30-48		6374 (-982)		
	SE NW 11-2N-103W	5-13-48	6364 (-872)	6592 (-1100)	F	
McLaughlin, S.W.	5239 df	9-10-45		5592 (-353)		
	NW SE 33-2N-102W	2-24-46	5520 (-281)	6332 (-1093)	Pk	
	5214 df	7-25-47		5595 (-381)		
	SW SW 33-2N-102W	9-21-47	5540 (-326)	6275 (-1061)	Pk	
	5220 df	10-4-46		5600 (-380)		
#3	NW SW 33-2N-102W	12-10-46	5506 (-286)	6241 (-1021)	Pk	
	5223 df	9-19-47		5608 (-385)		
	NE SW 33-2N-102W	11-15-47	5514 (-291)	6249 (-1026)	Pk	
	5249 df	7-17-47		5630 (-281)		
	SW SE 33-2N-102W	10-9-47	5556 (-307)	6291 (-1042)	Pk	
#6	5227 df	10-25-47		5612 (-385)		
	SE SW 33-2N-102W	12-5-47	5540 (-313)	6275 (-1048)	Pk	
	5635 df	12-17-46		6683 (-1048)		
	SE NE 16-2N-103W	3-4-47	6665 (-1030)	6726 (-1091)	P	
	5689 df	6-30-47		6765 (-1076)		
Mellen "A" #1	SE SE 9-2N-103W	9-6-47	6762 (-1073)	6819 (-1130)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEHR & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Mellen "A" #3	5651 df	10-15-47		6687 (-1036)		
	NE NE 16-2N-103W	1-13-48	6686 (-1035)	6752 (-1101)	F	
	5350 grd	5-19-31		5657 (-297)		
	NW SE 30-2N-102W	3-3-33	5596 (-236)	6335 (-975)PBTD	F	7173 (-1813) T.D.
#2	5296 df	8-30-46		5692 (-936)	F	
	NW NE 31-2N-102W	11-30-46	5504 (-208)	6239 (-943)		
#3	5303 df	8-25-47		5653 (-350)	F	
	SW SE 30-2N-102W	11-6-47	5525 (-222)	6260 (-957)		
	5312 df	11-13-47		5686 (-374)		
#4	SW NE 31-2N-102W	1-17-48	5556 (-244)	6291 (-979)	F	
	5306 df	1-27-46		5683 (-377)	F	
Raven "B" #1	SW NE 30-2N-102W	4-21-46	5608 (-302)	6343 (-1037)	F	
	5321 df	10-21-46		5721 (-400)		
#2	NW NE 30-2N-102W	12-15-46	5684 (-363)	6421 (-1100)	F	
	5386 df	2-6-45		5745 (-359)		
#2	NW NE 25-2N-103W	6-8-45	5745 (-359)	6480 (-1094)	F	
	5405 df	10-18-45		5797 (-392)		
#3	NE NW 25-2N-103W	3-28-46	5771 (-366)	6502 (-1097)	F	
	5432 df	10-22-47		5808 (-376)		
#4	SE NW 25-2N-103W	1-27-48	5762 (-330)	6493 (-1061)	F	
	-	1-17-48				
#5	SW NE 25-2N-103W	4-13-48				P & A (cable tool)
	5387 df	5-12-48		5770 (-383)		
#5 A	SW NE 25-2N-103W	7-4-48	5695 (-308)	6430 (-1043)	F	
	5617 df	10-4-45		6578 (-971)		
CONTINENTAL Rooth	NW SW 15-2N-103W	3-3-46	6565 (-948)	6815 (-1198)	F & P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Rooth #2	5753 df	3-21-46	6805 (est)	5966 (-213)		* Shinarump
	SW SW 15-2N-103W	7-28-46	(-1040)(est)	6070 (-317)		Producer (9-5/8 csg)
	5602 df	8-27-46				
	NE NE 27-2N-103W	4-9-47	6676 (-1074)	7175 (-1533)		P & A
#4	5768 df	8-14-46				
	NW NW 22-2N-103W	3-17-47	6915 (-1147)	7256 (-1488)		P & A
	6069 rdb	4-28-47				
Hall #1	SE SE 5-2N-103W	7-17-47	7453 (-1384)	7480 (-1411)		P & A
	5227 rdb	7-20-47		5766 (-539)		
COBB-STRINGER-SUPERIOR	SW NW 2-1N-102W	10-8-47	5757 (-530)	6271 (-1044)	P	
	5227 rdb	1-26-48		5800 (-573)		
M E Hefley #1	SE NW 2-1N-102W	4-25-48	5795 (-568)	6300 (-1073)	P	
	5247 rt	12-4-48		5875 (-628)		
#3	NW SW 2-1N-102W	2-22-49	5867 (-620)	6340 (-1093)	P	
	5192 df	6-14-48		5662 (-470)		
I. L. Hildebrandt #1	SE NW 3-1N-102W	10-29-48	5652 (-460)	6236 (-1044)	P	
	5294 rdb	2-9-47				
DELTA DRILLING CO.	NE SE 34-2N-101W	5-4-47	6717 (-1423)	6746 (-1452)		P & A
	5205	1-23-45		6816 (-1614)		Csg pulled from 3734
KENNEY #1	SE SE 4-1N-102W	6-22-46	6404 (-1199)	6878 (-1673)		P & A
	5319 df	7-24-45		5806 (-487)		
NEWTON OIL COMPANY	SE SE 27-2N-102W	1-2-46	5806 (-487)	6416 (-1097)	P	
	5306 df	1-20-46		5821 (-514)		
Cobb-Stringer USA #1	SW SW 26-2N-102W	5-4-46	5821 (-514)	6403 (-1097)	P	
	5352 rdb	7-7-47		5913 (-561)		
PHILLIPS PETROLEUM CO.	NE SE 27-2N-102W	10-3-47	5900 (-548)	6402 (-1050)	P	
Levisaon #1						
#2						
#3						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#4 Levison	5396 df NW SW 26-2N-102W	2-9-46	5976 (-578)	5982 (-586)	P	
	5350 df SE NE 27-2N-102W	5-18-46	5985 (-635)	6496 (-1100)	P	
#5	5349 df SE SW 26-2N-102W	5-26-46	5893 (-544)	5990 (-640)	P	
	5312 rdb SW SE 26-2N-102W	11-2-46	5887 (-568)	6450 (-1100)	P	
#6	5353 rdb NE SW 26-2N-102W	5-10-46	5960 (-607)	5890 (-541)	P	
	5400 rdb SW NW 26-2N-102W	8-15-46	6079 (-679)	6449 (-1100)	P	
#7	5387 rdb NE NE 27-2N-102W	9-21-47	6156 (-769)	5896 (-577)	P	
	5314 rdb NW SE 26-2N-102W	12-8-47	5973 (-659)	6366 (-1047)	P	PB to 6321
#8	5379 rdb SE NW 26-2N-102W	10-19-47	6086 (-707)	5975 (-622)	P	
	5386 rdb NW NW 26-2N-102W	2-1-48	6154 (-768)	6403 (-1050)	P	
#9	5351 rdb SW NE 26-2N-102W	7-27-47	6086 (-735)	6089 (-689)	P	
	5444 rdb SE SE 22-2N-102W	1-3-48	6268 (-854)	6450 (-1050)	P	
#10	5385 df NW NE 26-2N-102W	6-30-47	6208 (-823)	6158 (-771)	P	
		10-6-47		6438 (-1051)	P	
#11		1-15-47		5978 (-664)	P	
		3-29-47		6444 (-1100)	P	PB to 6362
#12		8-18-46		6090 (-711)	P	
		10-23-46		6477 (-1098)	P	
#13		11-14-46		6172 (-786)	P	
		3-5-47		6487 (-1101)	P	
#14		10-16-47		6113 (-762)	P	
		12-17-47		6401 (-1050)	P	
#15		3-17-47		6275 (-861)	P	
		5-29-47		6492 (-1078)	P	
#16		5-4-47		6223 (-838)	P	
		7-28-47		6436 (-1051)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Levison #17	5436 rdb	12-25-47		6239 (-803)		
	NE NW 26-2N-102W	4-12-48	6238 (-802)	6600 (-1134)	P	PB 6531 (-1095)
	5432 df	3-31-48		6336 (-904)		
	SW SW 23-2N-102W	6-14-48	6332 (-900)	6610 (-1178)	P	PB 6540 (-1108)
#18	5443 rdb	12-22-47		6393? (-950)		
	NE SE 22-2N-102W	5-10-48	6392 (-949)	6624 (-1181)	P	PB 6523 (-1080)
	5453 rdb	6-29-48		6384 (-931)		
	SE SW 23-2N-102W	9-1-48	6380 (-927)	6554 (-1101)	P	PB 6530 (-1077)
Magor #1	5532 rdb	1-19-46		6425 (-893)		
	SE NE 14-2N-103W	4-4-46	6422 (-890)	6666 (-1134)	P	
	5497 df	4-24-46		6387 (-890)		
	SW NW 13-2N-103W	7-25-46	6388 (-891)	6633 (-1136)	P	
Mattern #1	5376 df	8-22-45		5800 (-424)		
	SW SE 24-2N-103W	1-2-46	5802 (-426)	6473 (-1097)	F	
	5263 df	9-16-45		5630 (-367)		
	SE SW 28-2N-102W	1-25-46	5618 (-355)	6290 (-1027)	F	
Rigby #1 SHARPLES OIL CO.	5248 df	2-5-46		5623 (-375)		
	SW SW 28-2N-102W	5-22-46	5574 (-326)	6111 (-862)	F	
	5281 rdb	3-15-44		5544 (-263)		
	NW NE 32-2N-102W	9-23-44	5530 (-249)	6233 (-952)	F	
#2-28	5267 rdb	3-10-46		5629 (-362)		
	NE NE 32-2N-102W	7-21-46	5543 (-276)	6056 (-789)	F	
	5249 rdb	5-8-46		5595 (-346)		
	SW NE 32-2N-102W	8-16-46	5513 (-264)	5860 (-611)	F	
#1-32	5253 df	8-26-46		5607 (-354)		
	SE NE 32-2N-102W	10-31-46	5516 (-263)	5787 (-534)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #1-33	5275 df	2-13-45		5610 (-335)		
	SW NE 33-2N-102W	7-10-45	5530 (-255)	6213 (-938)	F	
	5262 df	3-9-45		5625 (-363)		
	NE NE 33-2N-102W	9-1-45	5555 (-293)	6237 (-975)	F	
	5262 rdb	1-4-46		5607 (-345)		
	NE SE 33-2N-102W	5-6-46	5555 (-293)	6293 (-1031)	Pk	
	5290 rdb	8-17-46		5660 (-370)		
	SE SE 33-2N-102W	11-4-46	5602 (-312)	6105 (-815)	Pk	
#5-33	5264 rdb	2-24-46		5622 (-358)		
	NE NW 33-2N-102W	6-7-46	5564 (-300)	6060 (-796)	F	
	5234 rdb	8-12-46		5600 (-366)		
	NW NW 33-2N-102W	11-11-46	5524 (-290)	6027 (-793)	F	
	5240 df	6-13-46		5593 (-353)		
	SE NW 33-2N-102W	8-15-46	5512 (-272)	6016 (-776)	F	
	5229 rdb	5-28-46		5580 (-351)		
	SW NW 33-2N-102W	8-15-46	5504 (-275)	6006 (-777)	F	
#8-33	5332 rdb	10-4-47		6021 (-689)		
	SW NE 36-2N-102W	7-14-47	6017 (-685)	6370 (-1038)	Pk	
	5336 rdb	2-4-48		6077 (-741)		
	NW NE 36-2N-102W	11-2-47	6068 (-732)	6411 (-1075)	Pk	
	5407 rdb	10-1-45		5895 (-498)		
	NE SE 24-2N-103W	1-8-46	5890 (-493)	6454 (-1047)	F	
	5394 rdb	1-19-46		5891 (-497)		
	NW SE 24-2N-103W	4-25-46	5886 (-492)	6432 (-1038)	F	
#A-2	5194 rdb	7-17-46		5700 (-496)		
	SE NW 3-1N-102W	10-16-46	5685 (-481)	6310 (-1116)	P	
Weyrauch #1-36						
#2-36						
STANOLIND						
Associated #A-1						
#A-2						
#B-1						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Associated #B-2	5189 rdb	7-2-47		5694 (-505)		
	SW NW 3-1N-102W	9-20-47	5686 (-497)	6289 (-1100)	P	
#B-3	5195 rdb	3-16-48		5885 (-690)		
	SE SW 3-1N-102W	5-10-48	5873 (-678)	6270 (-1075)	F	
Assoc. Larson Unit #A-1	5198 rdb	6-11-47		5572 (-374)		
	NW NW 3-1N-102W	8-6-47	5570 (-372)	6278 (-1080)	F	
#B-1	5199 rdb	1-16-48		5577 (-378)		
	NE NW 3-1N-102W	3-24-48	5572 (-373)	6299 (-1100)	P	
Assoc. Unit #A-1	5217 rdb	5-1-46		6485 (-968)		
	NE NE 14-2N-103W	8-3-46	6474 (-957)	6652 (-1135)	F	
#B-2	5189 rdb	7-9-47		5694 (-505)		
	SW NW 3-1N-102W	9-20-47	5686 (-497)	6289 (-1100)	P	
#C-1	5463 rdb	10-31-46		6524 (-1061)		
	SE SW 12-2N-103W	1-21-47	6514 (-1051)	6598 (-1135)	P	
Chase Unit #1	5302 rdb	5-13-48		6026 (-724)		
	SE NW 1-1N-102W	6-27-48	6028 (-726)	6400 (-1098)	P	
J.E. Coltharp #1	5214 rdb	2-13-47		5767 (-553)		
	NW SW 36-2N-102W	4-14-47	5753 (-539)	6289 (-1075)	P	
#2	5212 rdb	4-26-47		5728 (-516)		
	SE SE 35-2N-102W	6-23-47	5722 (-510)	6268 (-1056)	P	
#3	5213 rdb	6-29-47		5765 (-552)		
	SW SW 36-2N-102W	8-22-47	5765 (-552)	6315 (-1102)	P	
#4	5209 rdb	1-1-48		5715 (-506)		
	NW SE 35-2N-102W	2-26-48	5708 (-499)	6259 (-1050)	P	
W.H. Coltharp #A-1	5207 rdb	5-21-46		5635 (-428)		
	SE SW 35-2N-102W	8-11-46	5624 (-417)	6174 (-967)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
W. H. Coltharp	#A-2	5208 rdb		5656 (-448)		
		NE SW 35-2N-102W	4-28-47	6219 (-1011)	P	
	#A-3	5213 rdb	6-19-47	5765 (-552)		
		SW SW 36-2N-102W	6-29-47	5765 (-552)	P	
#A-4	#A-3	5205 rdb	8-22-47	6315 (-1102)		
		NE SW 35-2N-102W	1-13-48	5601 (-396)		
	#B-1	5222 df	3-17-48	5596 (-391)		
		NW NW 1-1N-102W	4-21-48	5812 (-590)	P	
#C-1	#B-1	5217 rdb	6-16-48	6252 (-1030)		
		SE SW 36-2N-102W	9-25-46	5830 (-613)		
	#A-1	5345 rdb	12-5-46	6453 (-1236)		
		SW NW 17-2N-102W	3-18-46	6377 (-1032)		
#A-2	#A-1	5367 rdb	6-2-46	6469 (-1124)		
		SE NW 17-2N-102W	5-27-46	6420 (-1053)	P	
	#A-3	5418 rdb	8-27-46	6415 (-1048)		
		SW NE 17-2N-102W	3-11-48	6502 (-1135)	P	
#B-1	#A-2	5362 rdb	5-1-48	6502 (-1084)		
		NW NW 17-2-102W	10-29-48	6548 (-1130)	P	
	#1	5351 rdb	1-4-49	6447 (-1085)		
		SE NE 18-2-102W	11-26-45	6507 (-1145)	P	
#2	#1	5328 df	2-18-46	6329 (-978)		
		NE NE 18-2N-102W	3-18-46	6571 (-1220)	Pk	
	#A-1	5465 rdb	5-28-46	6408 (-1080)		
		SW NE 23-2N-103W	8-21-44	6463 (-1137)	Pk	
#A-2	#A-1	5459 rdb	4-2-45	5965 (-500)		
		SW NE 23-2N-103W	6-9-45	6555 (-1090)	F	
	#A-2	5459 rdb	9-13-45	6047 (-588)		
		SW NE 23-2N-103W	6-9-45	6607 (-1148)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
L. N. Hagood	#A-3	5431 rdb	9-27-45	6090 (-652)	F	
	NE NB 23-2N-103W	12-12-45	6078 (-647)	6605 (-1174)		
	5475 rdb	10-18-45		5991 (-516)		
	NW SB 23-2N-103W	1-7-46	5990 (-515)	6545 (-1070)	F	
	5437 rdb	1-15-46		6014 (-577)		
	SB NB 23-2N-103W	4-12-46	6007 (-570)	6557 (-1120)	F	
	5448 rdb	4-3-46		5894 (-446)		
	SE SE 23-2N-103W	7-9-46	5887 (-439)	6439 (-991)	F	
M.C. Hagood	#A-6	5464 rdb	7-10-46	6125 (-661)		
	NW NB 23-2N-103W	9-16-46	6103 (-639)	6599 (-1135)	F	
	5485 rdb	4-20-46		5970 (-485)		
	SW SE 23-2N-103W	6-30-46	5964 (-479)	6523 (-1038)	F	
	5314 rdb	10-3-47		6085 (-771)		
	SW NE 1-1N-102W	12-5-47	6075 (-761)	6414 (-1100)	F	
	5237 rdb	7-4-48		5941 (-704)		
	SE NW 1-1N-102W	8-24-48	5941 (-704)	6347 (-1100)	P	
M.C. Hagood	#B-2	5292 rdb	5-24-48	6080 (-788)		
	SE NE 1-1N-102W	7-11-48	6076 (-784)	6392 (-1100)	P	
	5586 rdb	8-4-46		6460 (-874)		
	NE SW 15-2N-103W	12-20-46	6455 (-869)	6719 (-1133)	F	
	5596 rdb	8-12-46		6545 (-949)		
	SW NW 15-2N-103W	10-14-46	6527 (-931)	6721 (-1125)	F	
	5570 rdb	4-6-47		6539 (-969)		
	NW NE 15-2N-103W	5-24-47	6536 (-966)	6695 (-1125)	F	
M.C. Hagood	#A-3	5618 rdb	3-23-47	6592 (-974)		
	NE NW 15-2N-103W	5-17-47	6586 (-968)	6743 (-1125)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
M. C. Bagood	#A-5 NW SE 15-2N-103W 5585 rdb	1-7-47	6406 (-821)	6415 (-830)	F	
		3-17-47	6439 (-901)	6705 (-1120)	F	
		7-4-47	6684 (-1031)	6444 (-906)	F	
		9-2-47	6625 (-995)	6663 (-1125)	F	
		8-19-47	6487 (-912)	6690 (-1037)	F	
		11-5-47	6524 (-899)	6778 (-1125)	F	
		8-23-47	5885 (-658)	6625 (-995)	F	
		10-15-47	5641 (-441)	6730 (-1100)	F	
		10-20-47	5886 (-659)	6494 (-919)	F	
Bagood Unit	#B-1 SE NW 15-2N-103W 5625 rdb	1-23-47	6524 (-899)	6525 (-900)	P	
		4-23-47	5885 (-658)	6706 (-1081)	P	
		8-24-47	5886 (-659)	5886 (-659)	P	
		10-14-47	5885 (-658)	6327 (-1100)	P	
		7-7-46	5655 (-455)	5655 (-455)	P	
		9-19-46	5641 (-441)	6157 (-957)	P	
		8-20-46	5690 (-477)	5690 (-477)	P	
		11-19-46	5686 (-473)	6323 (-1110)	P	
		12-1-46	5739 (-523)	5739 (-523)	P	
M. E. Hefley	#1 NW NW 2-1N-102W 5213 rdb	2-19-47	5724 (-508)	6315 (-1099)	P	
		6-16-47	5810 (-587)	5812 (-589)	P	
		8-23-47	5810 (-587)	6323 (-1100)	P	
		8-7-48	6105 (-850)	6105 (-850)	P	
C. Hill	#1 NW SE 31-2N-101W 5420 rdb	9-25-48	6102 (-847)	6380 (-1125)	P	
		4-14-45	5995 (-575)	5995 (-575)	P	
		9-5-45	5989 (-569)	6578 (-1158)	F	
S. Lacy	#1 SW NW 24-2N-103W	9-5-45	5989 (-569)	6578 (-1158)	F	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
S. Lacy #2	5434 rdb	10-9-45		5925 (-491)		
	NW SW 24-2N-103W	1-17-46	5924 (-490)	6478 (-1044)	F	
	5426 rdb	12-2-45		5851 (-424)		
	SW SW 24-2N-103W	3-27-46	5852 (-426)	6412 (-986)	F	
#3	5406 rdb	4-20-46		6048 (-642)		
	NW NW 24-2N-103W	7-6-46	6044 (-638)	6546 (-1140)	F	
#4	5677 rdb	3-7-48	6778 6762*	6784 (-1107)		
	NW SE 10-2-103W	5-11-48 7-25-48*	(-1101)(-1085)	*6830(-1153)6841(-1164)	P	*Whipstock Hole TD - 367'S and 13'E
	5565 rdb	8-14-47		6700 (-1044)		
P.A. Larson #1	SE SW 10-2-103W	10-5-47	6692 (-1036)	6762 (-1106)	F	
	5774 rdb	11-1-47		6825 (-1051)		
	SW SW 10-2N-103W	12-24-47	6807 (-1033)	6899 (-1125)	F	
#2	5269 rdb	2-4-46		5634 (-365)		
	SE SW 34-2N-102W	5-7-46	5585 (-316)	6135 (-866)	P	
	5267 rdb	10-12-46		5806 (-539)		
#A-1	SE NE 35-2N-102W	12-15-46	5804 (-537)	6402 (-1135)	P	
	5317 rdb	12-23-46		5928 (-611)		
#B-1	SE SE 26-2N-102W	3-14-47	5923 (-606)	6445 (-1128)	P	
	5237 rdb	12-27-46		5887 (-650)		
#B-2	NW SE 36-2N-102W	3-4-47	5882 (-645)	6363 (-1126)	P	
	5293 rdb	2-13-47		5910 (-617)		
#B-3	NW NW 36-2N-102W	4-17-47	5899 (-606)	6368 (-1075)	P	
	5325 rdb	2-28-47		5969 (-644)		
#B-4	SE NW 36-2N-102W	5-4-47	5962 (-637)	6400 (-1075)	P	
	5236 rdb	11-10-47		5837 (-601)		
#B-5A	NW SW 36-2N-102W	1-16-48	5834 (-598)	6336 (-1100)	P	
	5236 rdb					
#B-6						

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COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS	
F.V. Larson	5343 rdb	6-18-47		6020 (-677)			
	NE NW 36-2N-102W	8-18-47	6020 (-677)	6446 (-1103)	P		
	5387 rdb	8-5-47		6068 (-681)			
	NE SE 26-2N-102W	9-30-47	6069 (-682)	6487 (-1100)	P		
	5291 rdb	10-8-47		5870 (-579)			
	NE NE 35-2N-102W	12-3-47	5861 (-570)	6391 (-1100)	P		
	5266 rdb	9-18-47		5855 (-589)			
	SW NW 36-2N-102W	11-19-47	5846 (-580)	6366 (-1100)	P		
	5314 rdb	10-9-47		5916 (-602)			
	NW SW 36-2N-102W	11-30-47	5912 (-598)	6393 (-1079)	P		
M.B. Larson	5321 rdb	3-2-48		5804 (-483)			
	NW SE 35-2N-102W	5-3-48	5781 (-460)	6371 (-1050)	P		
	5304 rdb	10-23-47		6029 (-725)			
	NE SE 2-1-102	12-21-47	6026 (-722)	6404 (-1100)	P		
	5614 rdb	7-20-46		6487 (-873)			
	SE SW 15-2N-103W	10-20-46	6470 (-856)	6739 (-1125)	F		
	5565 rdb	11-4-46		6350 (-785)			
	SW SE 15-2N-103W	1-23-47	6342 (-777)	6700 (-1135)	F		
	5592 rdb	10-19-46		6370 (-778)			
	NW NE 22-2N-103W	12-22-46	6372 (-780)	6727 (-1135)	F		
#B-1	5542 rdb	9-23-46		6266 (-724)			
	NE NE 22-2N-103W	11-29-46	6264 (-722)	6681 (-1139)	F		
	5581 rdb	10-2-46		6335 (-754)			
	NE SE 22-2N-103W	1-10-47	6320 (-739)	6716 (-1135)	F		
	5609 rdb	5-27-47		6450 (-841)			
	SE SE 22-2N-103W	8-8-47	6440 (-831)	6692 (-1083)	F		
	5611 rdb	11-17-47		6534 (-923)			
	NW SE 22-2N-103W	2-9-48	6522 (-911)	6711 (-1100)	F		
	#C-3						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
McLaughlin #A-1	5248 rdb	12-16-45		5724 (-476)		
	NE NE 5-1N-102W	4-12-46	5697 (-449)	6277 (-1029)	P	
	5238 rdb	10-26-46		5903 (-665)		
	SE NE 5-1N-102W	2-5-47	5886 (-648)	6366 (-1128)	P	
	5393 rdb	9-8-47		6455 (-1062)		
#B-1	SE SE 16-2N-102W	11-8-47	6455 (-1062)	6516 (-1123)	P	
	5429 rdb	5-8-48		6514 (-1085)		
	SW SW 15-2N-102W	7-9-48	6512 (-1083)	6562 (-1133)	P	
#B-2	5412 rdb	1-10-48		6483 (-1071)		
	SE NE 17-2N-102W	4-22-48	6483 (-1071)	6542 (-1130)	P	
#C-1	5496 rdb	8-12-46		6462 (-968)		
	NW NW 13-2N-103W	11-18-46	6456 (-960)	6631 (-1135)	F	
McLaughlin Unit #A-1	5447 rdb	4-30-47		6506 (-1059)		
	SW SE 12-2N-103W	6-18-47	6502 (-1055)	6582 (-1135)	P	
Newton Assoc. Unit #B-1	5194 rdb	8-4-46		5652 (-458)		
	SW NE 4-1N-102W	11-13-46	5652 (-458)	6234 (-1040)	P	
#A-1	5190 df	4-30-47		5688 (-498)		
	SE NW 4-1N-102W	7-5-47	5680 (-490)	6231 (-1041)	P	
#B-1	5204 rdb	12-2-46		5740 (-536)		
	SE NW 4-1N-102W	3-29-47	5734 (-530)	6281 (-1077)	P	
#C-1	5167 rdb	10-18-47		5644 (-477)		
	SE NE 4-1N-102W	1-3-48	5649 (-482)	6262 (-1095)	P	
#D-1	5358 rdb	12-22-47		6196 (-838)		
	SE SE 25-2N-102W	2-23-48	6190 (-832)	6489 (-1131)	P	
#A-1						
Nikkel						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Nikkel #A-2	5343 rdb	1-20-49		6178 (-835)		
	NW SE 25-2N-102W	3-19-49	6170 (-827)	6468 (-1125)	P	
	5361 rdb	11-28-47		6145 (-784)		
#A-3	SW SE 25-2N-102W	2-9-48	6140 (-779)	6480 (-1119)	P	
	5239 rdb	6-20-47		5950 (-711)		
	NE SE 36-2N-102W	10-26-47	5942 (-703)	6341 (-1102)	P	
Oldland #1	5228 rdb	3-5-48		5980 (-752)		
	NE SE 36-2N-102W	5-14-48	5979 (-751)	6328 (-1100)	P	
	5220 rdb	8-30-48		5922 (-702)		
#2	SW SE 36-2N-102W	10-21-48	5913 (-693)	6333 (-1113)	P	
	5237 rdb	12-16-46		6086 (-849)		
	SE NW 31-2N-101W	3-6-47	6080 (-843)	6377 (-1140)	P	
Pepper #A-1	5287 rdb	3-25-48		6166 (-879)		
	NE NW 6-1N-101W	5-19-48	6165 (-878)	6412 (-1125)	P	
	5270 rdb	10-24-44		5629 (-359)		
#B-1	NE SE 34-2N-102W	5-26-45	5624 (-354)	6242 (-972)	P	
	5198 rdb	3-27-46		5614 (-416)		
	NE NE 3-1N-102W	7-10-46	5602 (-404)	6152 (-954)	P	
#2	5212 rdb	6-22-46		5586 (-374)		
	SW SE 34-2N-102W	9-9-46	5560 (-348)	6089 (-877)	P	
	5197 rdb	9-3-46		5581 (-384)		
#3	SW SW 35-2N-102W	11-6-46	5570 (-373)	6104 (-907)	P	
	5204 rdb	9-17-46		5565 (-361)		
	SE SE 34-2N-102W	12-10-46	5558 (-354)	6218 (-1014)	P	
#4	5194 rdb	11-17-46		5600 (-406)		
	NW NE 3-1W-102W	2-5-47	5586 (-392)	6233 (-1039)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Rector	5213 rdb	9-1-47		5581 (-368)		
	NW SW 35-2N-102W	11-12-47	5577 (-364)	6314 (-1101)	P	
	5522 rdb	2-24-46		6094 (-572)		
Stoffer	NW SE 26-2N-103W	6-12-46	6086 (-564)	6622 (-1100)	F	
	5570 rdb	1-4-48		6398 (-828)		
	SW SE 26-2N-103W	4-19-48	6386 (-816)	6670 (-1100)	P	
#A-2	5602 rdb	6-1-47		6392 (-790)		
	NE SW 26-2N-103W	9-2-47	6386 (-784)	6696 (-1094)	F	
	5605 rdb	12-30-46		6343 (-738)		
#B-1	NW NW 26-2N-103W	4-3-47	6335 (-730)	6705 (-1100)	F	
	5220 rdb	8-28-47		5863 (-643)		
	SE NW 1-1N-102W	11-2-47	5856 (-636)	6320 (-1100)	P	
Malbridge	5225 rdb	4-26-48		5907 (-682)		
	NW NE 1-1N-102W	6-23-48	5906 (-681)	6325 (-1100)	P	
	5216 rdb	12-18-47		5884 (-668)		
#3	SW SE 36-2N-102W	2-28-48	5878 (-662)	6297 (-1081)	P	
	5242 rdb	12-13-46		5878 (-636)		
	SE NE 2-1N-102W	2-16-47	5867 (-625)	6342 (-1100)	P	
White	5223 rdb	4-22-47		5780 (-557)		
	NE NE 2-1N-102W	6-13-47	5779 (-556)	6296 (-1073)	P	
	5239 rdb	5-27-45		5631 (-392)		
THE TEXAS COMPANY						
Garney	NW SE 34-2N-102W	10-17-45	5576 (-337)	6339 (-1100)	P	
	5300 rdb	10-28-45		5680 (-380)		
	SE NE 34-2N-102W	3-7-46	5671 (-371)	6400 (-1100)	P	
#2-34	5305 rdb	11-2-45		5656 (-351)		
	NE SW 34-2N-102W	3-2-46	5620 (-315)	6305 (-1100)	P	
	5275 rdb	3-15-45		5700 (-425)		
#4-34	NE NE 34-2N-102W	6-24-46	5691 (-416)	6285 (-1010)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WELLER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#5-34 Carney	5321 rdb	3-11-46		5670 (-349)		
	SE NW 34-2N-102W	7-20-46	5648 (-327)	6173 (-852)	P	
#6-5	5274 rdb	6-27-46		5794 (-520)		
	NW NE 5-1N-102W	11-18-46	5792 (-518)	6484 (-1210)	P	PB 6375 (-1101)
#7-35	5306 rdb	6-28-46		5753 (-447)		
	NW NW 35-2N-102W	10-4-46	5752 (-446)	6355 (-1049)	P	
#8-34	5271 rdb	10-11-46		5662 (-391)		
	NW NE 34-2N-102W	1-11-47	5634 (-363)	6371 (-1100)	P	
#9-35	5358 rdb	1-19-47		5834 (-476)		
	NE NW 35-2N-102W	4-18-47	5830 (-472)	6533 (-1175)	P	PB 6428 (-1070)
#10-4	5264 rdb	3-25-47		5635 (-371)		
	NW NE 4-1N-102W	6-5-47	5634 (-370)	6284 (-1020)	P	
#11-4	5204 rdb	5-18-47		5614 (-410)		
	NW NW 4-1N-102W	8-26-47	5612 (-408)	6262 (-1058)	P	
#12-5	5266 rdb	6-7-47		5864 (-598)		
	NE NW 5-1N-102W	9-2-47	5862 (-596)	6366 (-1100)	P	
#13-4	5246 rdb	6-11-47		5627 (-381)		
	NE NW 4-1N-102W	9-1-47	5625 (-379)	6275 (-1029)	P	
#14-34	5333 rdb	11-19-47		5696 (-363)		
	NE NW 34-2N-102W	1-14-48	5694 (-361)	6344 (-1011)	P	
#15-35	5341 rdb	11-2-47		5842 (-501)		
	NW NE 35-2N-102W	1-12-48	5842 (-501)	6441 (-1100)	P	
#16-35	5366 rdb	3-8-48		5835 (-469)		
	SW NE 35-2N-102W	5-17-48	5833 (-467)	6466 (-1100)	P	
#17-35	5310 rdb	5-11-48		5708 (-398)		
	SW NW 35-2N-102W	7-1-48	5706 (-396)	6352 (-1042)	P	

TABLE I.

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Carney #18-35	5367 rdb	5-2-48		5790 (-423)		
	SB NW 35-2N-102W	7-20-48	5788 (-421)	6438 (-1071)	P	
#19-34	5253 rdb	7-25-48		5606 (-353)		
	SW NE 34-2N-102W	9-19-48	5604 (-351)	6254 (-1001)	P	
Carney Unit #1	5237 rdb	9-1-47		5612 (-375)		
	NE NE 4-1N-102W	11-23-47	5610 (-373)	6260 (-1023)	P	
Union Pacific #1-32	5246 rdb	5-16-45		5583 (-237)		
	NE NW 32-2N-102W	9-20-45	5487 (-241)	6210 (-964)	F	
#2-20	5276 rdb	6-12-45		5795 (-519)		
	SW SE 20-2N-102W	12-22-45	5790 (-514)	6625 (-1349)	F	
#3-34	5289 rdb	5-25-45		5628 (-339)		
	SW NW 34-2N-102W	10-6-45	5594 (-305)	6404 (-1115)	F	
#4-29	5282 rdb	7-24-45		5615 (-333)		
	NE SW 29-2N-102W	12-5-45	5565 (-283)	6384 (-1102)	F	
#5-28	5322 rdb	7-31-45		5722 (-400)		
	NE SW 28-2N-102W	11-22-45	5715 (-393)	6445 (-1123)	F	
#6-21	5326 rdb	1-11-46		6094 (-768)		
	SW NW 21-2N-102W	5-7-46	6088 (-762)	6641 (-1315)	P	FB 6425 (-1097)
#7-29	5275 rdb	9-30-45		5640 (-365)		
	SW SW 29-2N-102W	3-8-46	5505 (-230)	6257 (-982)	P	
#8-20	5317 rdb	3-15-46		5805 (-516)		
	SW SW 20-2N-102W	6-20-46	5803 (-514)	6384 (-1067)	P	
#9-29	5266 rdb	12-8-45		5650 (-384)		
	SW NE 29-2N-102W	3-20-46	5630 (-364)	6235 (-969)	P	
#10-21	5356 rdb	12-19-45		6010 (-655)		
	SW SE 21-2N-102W	3-30-46	5996 (-641)	6455 (-1100)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#11-21 Union Pacific	5323 rdb	4-8-46		6032 (-709)		
	NE SW 21-2N-102W	8-27-46	6025 (-702)	6423 (-1100)	P	
#12-27	5333 rdb	3-30-46		5915 (-582)		
	SW NW 27-2N-102W	7-10-46	5906 (-573)	6438 (-1105)	P	
#13-28	5268 rdb	5-18-46		5617 (-349)		
	NW SW 28-2N-102W	10-9-46	5617 (-349)	6302 (-1034)	P	
#14-20	5288 rdb	5-19-46		5878 (-591)		
	NE SW 20-2N-102W	8-9-46	5870 (-583)	6386 (-1098)	P	
#15-28	5305 rdb	7-16-46		5831 (-526)		
	NE NW 28-2N-102W	10-15-46	5829 (-524)	6405 (-1101)	P	
#16-27	5311 rdb	5-22-46		5699 (-388)		
	SW SW 27-2N-102W	9-27-46	5694 (-383)	6395 (-1084)	P	
#17-27	5314 rdb	7-26-46		5764 (-450)		
	SW SE 27-2N-102W	10-14-46	5762 (-448)	6417 (-1103)	P	
#18-21	5333 rdb	9-3-46		6169 (-836)		
	SW NE 21-2N-102W	11-16-46	6165 (-832)	6437 (-1104)	P	
#19-28	5280 rdb	8-20-46		5698 (-418)		
	SW NW 28-2N-102W	11-13-46	5697 (-417)	6380 (-1101)	P	
#20-29	5345 rdb	10-2-46		5757 (-422)		
	NE NW 29-2N-102W	12-24-46	5754 (-419)	6434 (-1089)	P	
#21-32	5256 rdb	10-17-46		5620 (-364)		
	NW SE 32-2N-102W	2-25-47	5536 (-280)	6338 (-1082)	P	
#22-32	5235 rdb	10-24-46		5604 (-369)		
	NE SE 32-2N-102W	1-19-47	5514 (-279)	6335 (-1100)	P	
#23-32	5258 d.f.	11-23-46		5622 (-364)		
	SE NW 32-2N-102W	2-13-47	5532 (-274)	6365 (-1107)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Union Pacific #24-27	5396 df	11-21-46		6032 (-636)		
	SW NE 27-2N-102W	2-22-47	6030 (-634)	6489 (-1093)	P	
#25-34	5332 rdb	10-28-46		5662 (-330)		
	NW NW 34-2N-102W	1-5-47	5662 (-330)	6432 (-1100)	P	
#26-31	5287 rdb	11-28-46		5670 (-383)		
	NE NE 31-2N-102W	3-19-47	5492 (-205)	6384 (-1097)	P	
#27-20	5389 rdb	1-6-47		6214 (-825)		
	NE NE 20 2N-102W	3-26-47	6210 (-821)	6493 (-1104)	P	
#28-22	5427 rdb	1-16-47		6348 (-921)		
	SW NW 22-2N-102W	3-11-47	6342 (-915)	6529 (-1102)	P	
#29-32	5282 rdb	1-28-47		5654 (-388)		
	NE SW 32-2N-102W	4-17-47	5570 (-288)	5973 (-691)	F	
#30-16	5352 rdb	3-5-47		6308 (-956)		
	SW SW 16-2N-102W	5-12-47	6309 (-957)	6452 (-1100)	P	
#31-21	5366 rdb	2-22-47		6337 (-971)		
	NE NE 21-2N-102W	4-22-47	6334 (-968)	6478 (-1112)	P	
#32-27	5340 rdb	3-5-47		5835 (-495)		
	NE SW 27-2N-102W	6-3-47	5834 (-494)	6440 (-1100)	F	
#33-32	5272 rdb	4-1-47		5650 (-378)		
	SW NW 32-2N-102W	6-9-47	5525 (-253)	6176 (-904)	P	
#34-31	5316 rdb	3-22-47		5700 (-384)		
	NE SE 31-2N-102W	5-31-47	5640 (-324)	6341 (-1025)	P	
#35-32	5283 rdb	4-24-47		5744 (-461)		
	NW SW 32-2N-102W	7-21-47	5742 (-459)	6383 (-1100)	P	
#36-32	5274 rdb	5-23-47		5638 (-364)		
	SW SE 32-2N-102W	12-18-47	5636 (-362)	6286 (-1012)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Union Pacific #37-29	5295 rdb	4-24-47	5590 (-295)	5668 (-373)	F	
	NW SE 29-2N-102W	6-27-47		6240 (-945)		
	5444 rdb	5-1-47		6439 (-995)		
#38-22	SW NE 22-2N-102W	6-26-47	6442 (-998)	6544 (-1100)	P	
	5412 rdb	6-15-47		6414 (-1002)		
#39-17	NE SE 17-2N-102W	8-19-47	6412 (-1000)	6512 (-1100)	P	
	5408 rdb	6-10-47		6372 (-964)		
#40-22	SS NW 22-2N-102W	8-13-47	6376 (-968)	6508 (-1100)	P	
	5378 rdb	9-1-47		6107 (-729)		
#41-20	SE NE 20-2N-102W	10-30-47	6105 (-727)	6478 (-1100)	P	
	5290 rdb	7-1-47		5776 (-486)		
#42-28	NW NW 28-2N-102W	8-29-47	5773 (-483)	6390 (-1100)	P	
	5320 rdb	7-4-47		5774 (-454)		
#43-28	SE NW 28-2N-102W	9-11-47	5771 (-451)	6424 (-1104)	P	
	5283 rdb	7-27-47		5896 (-613)		
#44-20	NW SE 20-2N-102W	9-24-47	5894 (-611)	6383 (-1100)	P	
	5326 rdb	8-19-47		5944 (-618)		
#45-21	SE SW 21-2N-102W	10-25-47	5942 (-616)	6429 (-1103)	P	
	5352 rdb	9-2-47		6164 (-813)		
#46-21	SE NW 21-2N-102W	11-1-47	6162 (-811)	6452 (-1100)	P	
	5346 rdb	9-10-47		6206 (-860)		
#47-21	NW NW 21-2N-102W	11-6-47	6204 (-858)	6446 (-1100)	P	
	5291 rdb	9-6-47		5729 (-438)		
#48-29	NW NE 29-2N-102W	11-9-47	5727 (-436)	6377 (-1086)	P	
	5315 rdb	9-22-47		5837 (-522)		
#49-27	NW SE 27-2N-102W	12-13-47	5835 (-520)	6414 (-1099)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
#50-29-1 Union Pacific	5298 rdb	5-12-48		5660 (-362)	F	50-29 - P & A ● 885/W Lost Circulation
	SE SW 29-2N-102W	11-1-48	5535 (-237)	6185 (-887)		
#51-20	5297 rdb	10-6-47		5872 (-575)	P	
	NW SW 20-2N-102W	1-22-48	5872 (-575)	6412 (-1115)		
#52-29	5267 rdb	11-6-47		5617 (-351)	F	
	SE NW 29-2N-102W	1-24-48	5606 (-340)	6256 (-989)		
#53-32	5242 rdb	11-15-45		5602 (-360)	P	
	SE SE 32-2N-102W	1-13-48	5582 (-340)	6232 (-990)		
#54-21	5359 rdb	2-2-48		6296 (-937)	P	
	NW NE 21-2N-102W	4-13-48	6294 (-935)	6466 (-1107)		
#55-17	5393 rdb	11-26-47		6327 (-934)	P	
	SE SE 17-2N-102W	2-1-48	6325 (-932)	6492 (-1099)		
#56-21	5367 rdb	12-3-47		6251 (-884)	P	
	SE NE 21-2N-102W	2-28-48	6254 (-887)	6467 (-1100)		
#57-21	5353 rdb	2-10-48		6102 (-749)	P	
	NW SE 21-2N-102W	4-27-48	6100 (-747)	6432 (-1079)		
#58-27	5317 rdb	2-28-48		5805 (-488)	P	
	NW SW 27-2N-102W	5-15-48	5811 (-494)	6402 (-1085)		
#59-27	5365 rdb	2-16-48		5974 (-609)	P	
	SE NW 27-2N-102W	4-23-48	5972 (-607)	6459 (-1094)		
#60-31	5290 rdb	4-20-48		5645 (-355)	F	
	SE NE 31-2N-102W	6-20-48	5536 (-246)	6186 (-896)		
#61-20	5331 rdb	5-8-48		5829 (-498)	P	
	SE SW 20-2N-102W	7-1-48	5827 (-496)	6431 (-1100)		
#62-32	5266 df	8-12-48		5638 (-372)	F	
	NW NW 32-2N-102W	12-29-48	5482 (-216)	6133 (-867)		

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
Union Pacific #63-31	5318 rdb	6-22-48		5814 (-496)		
	SE SE 31-2N-102W	9-25-48	5812 (-494)	6418 (-1100)	P	
	5390 rdb	7-4-48		6398 (-1008)		
	NW NW 22-2N-102W	9-8-48	6396 (-1006)	6490 (-1100)	P	
	5324 rdb	12-27-48		6008 (-684)		
#65-5	NW NW 5-1N-102W	4-29-49	6006 (-682)	6424 (-1100)	P	
	5356 rdb	7-9-48		6391 (-1035)		
	NW SW 16-2N-102W	9-1-48	6389 (-1033)	6456 (-1100)	P	
#66-16	5312 rdb	9-9-48		5674 (-362)		
	NW SW 37-2N-102W	11-7-48	5636 (-324)	6287 (-975)	P	
#67-32	5269 rdb	9-13-48		5677 (-408)		
	SE SW 32-2N-102W	11-25-48	5675 (-406)	6325 (-1056)	P	
	5318 rdb	12-8-48		5770 (-422)		
#69-27	SE SW 27-2N-102W	2-12-49	5768 (-420)	6418 (-1070)	P	
	5576 df	8-9-46		6290 (-714)		
WASATCH	SE NE 22-2N-103W	11-24-46	6290 (-714)	6656 (-1080)	P	
	5607 rdb	11-21-46		6435 (-828)		
#1-22	SW NE 22-2N-103W	2-24-47	6425 (-818)	6700 (-1093)	P	
	5205 df	2-15-45		5720 (-515)		
#2-22	SW NE 3-1N-102W	11-27-45	5722 (-517)	6379 (-1174)	P	
	5223 rdb	4-12-47		5808 (-585)		
#2-D	NE SE 3-1N-102W	6-24-47	5806 (-583)	6112 (-889)	P	
	5218 rdb	8-12-47		5864 (-646)		
#3-D	NW SE 16-2N-103W	10-26-47	5874 (-656)	6051 (-833)	P	
	5200 rdb	2-7-48		5780 (-580)		
#4-D	NW SE 3-1N-102W	4-18-48	5773 (-573)	6344 (-1144)	P	
#5-D						

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASING & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
F. A. Larson #1-16	5668 rdb	6-20-46		6741 (-1073)		
	NE SE 16-2N-103W	11-1-46	6745 (-1095)	6819 (-1151)	P	PB -1139
	5368 rdb	5-29-47		6090 (-722)		
	NW SW 25-2N-102W	7-29-47	6083 (-715)	6467 (-1094)	Pk	
	5339 rdb	9-20-47		6062 (-723)		
M. B. Larson #2-25	SE SW 25-2N-102W	11-29-47	6057 (-718)	6395 (-1056)	Pk	
	5344 rdb	8-9-47		6035 (-691)		
	SW SW 25-2N-102W	10-21-47	6034 (-690)	6386 (-1042)	Pk	
	5383 rdb	12-30-47		6178 (-795)		
	NB SW 25-2N-102W	3-13-48	6160 (-777)	6435 (-1052)	Pk	
M. B. Larson #5-25	5392 rdb	3-28-48		6200 (-808)		
	SW NW 25-2N-102W	5-28-48	6192 (-800)	6434 (-1042)	P	
	5421 df	5-16-48		6284 (-861)		
	SE NW 25-2N-102W	7-8-48	6278 (-857)	6518 (-1097)	P	PB 6468 (-1047)
	5401 rdb	8-5-48		6300 (-899)		
M. B. Larson #7-25	NW NW 25-2N-102W	9-21-48	6304 (-903)	6541 (-1140)	P	PB 6477 (-1076)
	5597 rdb	12-26-46				
	SE SW 26-2N-103W	4-22-47	6742 (-1145)	6802 (-1205)	P	P & A
	5597 df	7-21-46		6372 (-775)		
	SW NW 26-2N-103W	1-23-47	6532 (-935)	6697 (-1100)	Pk	
#1-26	5425 rdb	11-4-47		6195 (-770)		
	SE NE 26-2N-102W	2-1-48	6105 (-760)	6470 (-1045)	Pk	Cored w/Crude Oil
	5413 rdb	2-26-48		6279 (-866)		
	NE NE 26-2N-102W	5-1-48	6267 (-854)	6555 (-1112)	P	Cored w/Crude Oil
	5543 rdb	12-2-46		6430 (-885)		
#1-35	NE NE 35-2N-103W	3-7-47	6439 (-896)	6627 (-1084)	P	

TABLE I

COMPANY AND LEASE	ELEVATION LOCATION	SPUD COMPLETE	WEBER & DATUM	CASINO & DATUM TOTAL DEPTH & DATUM	PRESENT PRODUCTION METHOD	REMARKS
M. B. Larson #1-36	5341 SE NE 36-2N-102W	6-16-48	6090 (-749)	6096 (-755) 6483 (-1142)	P	PB 6450 (-1109)
Newton-Gov't #1-2	5252 rdb SW SE 2-1N-102W	11-4-47 1-25-48	5962 (-710)	5973 (-721) 6358 (-1106)	P	
J. E. Purdy #1-1	5225 rdb NW NE 1-1N-102W	3-28-47 5-22-47	5952 (-727)	5956 (-731) 6300 (-1075)	P	
#1-6	5232 df NW NW 6-1N-101W	4-27-48 6-15-48	6008 (-776)	6000 (-768) 6273 (-1041)	P	
Rigby #2-24	5402 rdb SE SW 24-2N-103W	2-20-46 6-8-46	5817 (-415)	5825 (-423) 6513 (-1111)	F	
U. P. Unit #1-34	5290 df NW SW 34-2N-102W	7-22-45 11-27-45	5587 (-297)	5670 (-380) 6379 (-1089)	P	
#2-34	5309 rdb SW SW 34-2N-102W	5-15-46 8-17-46	5630 (-321)	5685 (-376) 6189 (-880)	P	
Weyrauch #A-3-36	5337 df SE NE 36-2N-102W	6-29-48 8-18-48	6123 (-786)	6130 (-793) 6462 (-1125)	P	PB 6408 (-1071)



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TABLE II

RANGELY FIELD

SUMMARY OF AVAILABLE DATA

Company and Lease	Section Cored (1) Other than Weber				No. feet cored (2) Z - Cores saved	Weber Data				Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Entrada	Navajo		Shinarump	M. B. Sch.	O. B. Sch.	Gamma Ind.				
CALIFORNIA													
Emerald #1		X	Curtis	X	18'	X	X		X				Z
" #2					-	X				X			
" #3					-	X							
" #4	X				-	X				X			
" #5		X			-	X							
" #6					-	X			X				
" #7					-	X			X				
" #8					-	X			X				
" #9					-	X			X				
" #10					-	X			X				
" #11					-	X			X				
" #12					-	X			X				
" #13		X			361	X			X			B	Z
" #14		X			622	X			X			B	Z
" #15					-	X			X				
" #16	X	X	X & Curtis	X	885	X			X				Z
" #17		X			478	X			X			B	Z
" #18					592	X			X				Z
" #19					702	X			X				Z

(1) See Tables for details  
 (2) If underlined - Conventional cored.  
 (3) B - Baroid; C - Caliper; T - Temp.; D - Directional Survey; B.S. - Bottom Sample

TABLE II

Company and Lease	Section Cored (1) Other than Weber				Weber Data				Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. feet cored (2) Z - Cores saved	M. B. Sch.	O. B. Sch.					Gamma Ind.
Emerald #20						587	X			X		Z	(1) See Tables for details
#21	X					530	X					Z	(2) If underlined - Conventional cored.
#22						737	X					Core Gas Cap	(3) B - Beroid; C - Caliper; T - Temp., D - Directional B.S. - Bottom Sample
#23						495	X			X		Z	
#24						688	X			X			
#25						433	X			X			
#26						574	X						
#27						689	X			X			No Schlumberger
#28						215	X						
#29						580	X						Core Gas Cap
#30						733	X						Core Gas Cap
#31						698	X						
#32						644	X						
#33		X				709	X						Core Gas Cap
#34		X				592	X						
#35		X				669	X						
#36		X				689	X						
#37						685	X						
#38						593	X						
#39						672	X						
#40						625	X						
#41						450	X						
#42						398	X						
#43						398	X						
#44						138	X						
Fee #1							X						Z

TABLE II

Company and Lease	Section Cored (1) Other than Weber				Shinarump	No. feet cored (2) Z - Cores saved	Weber Data				Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Entrada	Havajo			M. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity				
#2			X				X				X			
#3		X					X				X			
#4							X							
#5							X							
#6							X			X				
#7							X			X				Z
#8							X							
#9							X				X			Acidized
#10							X			X				
#11							X			X			TC	
#12							X			X				
#13							X			X				
#14							X				X			
#15							X			X				
#16							X			X				
#17							X			X				Z
#18							X			X				
#19							X			X				
#20							X			X				
#21							X			X				
#22							X			X				Z
#23							X			X				
#24							X			X				
#25							X			X				
#26							X			X				
#27							X			X				

(1) See Tables for details  
 (2) If underlined - Conventional cored.  
 (3) B - Beroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. feet cored (2) Z - Cores saved	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. M. Radio-activity					
Fee #28							X	X		X					(1) See Tables for details
#29							X	X		X					(2) If underlined - Conventional cored.
#30							X	X		X	X				(3) B - Baroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample
#31							X	X		X					
#32							X	X		X					
#33							X	X		X					
#34		X					X	X		X					
#35						245	X	X		X				Z	
#36						211	X	X		X					
#37					X		X	X		X					
#38						690	X	X		X			T		
#39		X				675	X	X		X			B	Z	
#40		X				645	X	X		X			B	Z	
#41						510	X	X		X					
#42						555	X	X		X					
#43		X				465	X	X		X			B		
#44						735	X	X		X					Core Gas Cap
#45						270	X	X		X					
#46						104	X	X		X					
#47						443	X	X		X					Z
#48						690	X	X		X					
#49						119	X	X		X					
#50		X				575	X	X		X			B		
#51						642	X	X		X					
#52						690	X	X		X					
#53						245	X	X		X					

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. Feet cored (2)	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity				Well Shot (1)
Fee #54						190	X				X			
#55						415	X							Z
#56						281	X							
#57						676	X							
#58						663	X							
#59						101	X							
#60						569	X							
#61						453	X							
#62						397	X							
#63						568	X							
#64						446	X							
#65						325	X				X			
#66						82	X				X			(Whipstock)
#67						222	X							
#68						320	X				X			
#69						523	X							
#70						590	X							
#71						60	X							-1120 TD
Gray #A-8							X							
#A-9							X							
#A-10							X							
#A-11						115	X							
#A-12						493	X				X			Z
#A-13						347	X							
#A-14						679	X							
#A-15						445	X							

Company

and

Lease



TABLE VI

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on O/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Havajo	Shinarump	No. feet cored (2) Z - Cores saved	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio- activity					
A.C. McLaughlin #9						471	X	X	X	X	X			Z	(1) See Tables for details (2) If underlined - Conventional cored. (3) B - Baroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample
#10							X	X		X					
#11							X	X		X					
#12							X	X		X					
#13						179	X	X		X					"Cap Rock" cored; Z
#14				X			X	X		X					
#15							X	X		X					
#16							X	X		X					
#17						50	X	X		X					
#18						201	X	X		X					Z
#19						269	X	X		X					Z
#20							X	X		X					
#21						344	X	X		X					
#22							X	X		X					
#23							X	X		X					
#24							X	X		X					
#25						47	X	X		X					
#26							X	X		X					
#27							X	X		X			T		
#28						426	X	X		X			B		Z
#29							X	X		X					
#30						54	X	X		X			B		Z
#31						194	X	X		X			B		Z
#32						173	X	X		X					
#33						72	X	X		X					

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Havajo	Shinarump	No. feet cored (2) Z - Cores saved	M. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity					
A.C. McLaughlin #34						68	X							Z	(1) See Tables for details (2) If underlined - Conventional cored. (3) B - Baroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample
#35						126	X								
#36						260	X							B	
#37		X				279	X								
#38						44	X								
#39						282	X							Z	
#40						414	X								
#41						275	X								"Cap. Rock" cored
#42						290	X							T	
#43						72	X								
#44						195	X								
#45						217	X								
#46							X								
S.W. McLaughlin #1							X								D.S.T. Gas Cap
#2					X	670	X							B	
#3						724	X			X					D.S.T. Gas Cap
#4						725	X								Core Gas Cap
#5					X	637	X								Core Gas Cap; Z
#6						58	X								
Mellen #1						57	X			X					Z
#2						63	X								-1130 TD; "Cap Rock" cored; Z
#3							X							C	
#2							X								
#3							X								Drill to -1160; P.B.

TABLE II

Company and Lease	Section Cored (1) Other than Weber				Weber Data				Well Shot (1)	Data on Q/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Navajo	Shinarump	No. feet cored (2) Z - Cores saved	M. B. Sch.	O. B. Sch.	Gamma Ind.				
Neal #4					735	X					D	
#5					662	X						P & A in Mancos
#5 A					692	X						Z; Sample log to 7155 (Morgan)
Raven #1 A	X	X				X						Core Frontier
#2 A	X	X				X						
#3 A	X				679	X			X		B	
#4 A					723	X			X			
Raven #1 B						X						
#2 B						X						
COBB-STRINGER-SUPERIOR												
M. E. Hefley #1												
#2					490							Core Description Only
#3												
Hildebrandt #1					561							
CONTINENTAL Rooth #1					219	X						-1198 TD
#2						X						Shinarump Producer -317 TD
#3					259	X						-1533 TD P & A
#4					298	X						-1489 TD P & A
Hall #1					39	X						-1411 TD P & A
DELTA DRILL CO. Kenney #1		X			26	X						Z; P & A





TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (2)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Kentra	Navajo	Shinarump	No. feet cored (2)	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity					
Associated Larson Unit															
#A-1						695	X					X			
#B-1						708	X					X			
Assoc. Unit							X	X							
#A-1							X								
#B-2							X								
#C-1						64	X					X			
Chase Unit #1							X								
J. Coltharp #1						517	X					X			
#2							X					X			
#3						531	X					X			
#4						530	X					X			
W. Coltharp #A-1							X								
#A-2					X	550	X					X			
#A-3						617	X					X			
#A-4						637	X								
#B-1						495	X								
#C-1						591	X					X			
K. Fairfield #A-1							X								
#A-2							X								
#A-3						25	X								

(1) See Tables for details  
 (2) If underlined - Conventional cored.  
 (3) B - Baroid; C - Caliper; T - Temp.; D - Directional Surtvey; B.S. - Bottom Sample

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. feet cored (2) 2 - Cores saved	M. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity					
K. Fairfield #B-1						52	X					X			(1) See Tables for details (2) If underlined - Conventional cored. (3) B - Baroid; C - Caliper; T - Temp.; D - Directional Survey; B.S. - Bottom Sample
Guiberson #1 #2						10	X					X			
L. Hagood #A-1							X								
#A-2							X								
#A-3							X								
#A-4							X								
#A-5							X								
#A-6						533	X								
#A-7							X								
#A-8							X								
#B-1						315	X					X			
#B-2						380	X					X			
L. Hagood #B-3						292	X					X			
M. Hagood #A-1							X								
#A-2							X								
#A-3						136	X								
#A-4						128	X								
#A-5						248	X								
#A-6						203	X								
#A-7						71	X								
#A-8						84	X								
#A-9						193	X								
#B-1						163	X								
Hagood Unit #1						431	X								

Water Survey  
Part Conv. Core

D.S.T. Morrison

Perm. Profile

Various Data (3)

Data on G/O or O/W (1)

Well Shot (1)

Weber Data

No. feet cored (2)  
2 - Cores saved

Section Cored (1)  
Other than Weber

Dakota

Morrison

Entrada

Navajo

Shinarump

Company and Lease

Remarks

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on O/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Kotrada	Havajo	Shinarump	No. feet cored (2) 2 - Cores saved	M. B. Sch.	O. B. Sch.	Gamma Ind.	L. M. Radio-activity					
Hefley #1						490	X			X	X				(1) See Tables for details (2) If underlined - Conventional cored. (3) B - Baroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample
#2						47	X	X		X	X				
#3						538	X			X	X				
#4						497	X			X	X				
Hill #1						261	X			X	X				
Lacy #1	X						X						CT		
#2	X						X								
#3							X								
#4							X								
C. Larson #1						56	X						CTD		
F.A. Larson #1						50	X								
#2						48	X								
F.V. Larson															
#A-1							X					X			
#B-1						607	X	X		X					
#B-2						421	X			X					
#B-3						381	X					X			
#B-4						448	X					X			
#B-5-A						399	X					X			
#B-6						486	X						T		
#B-7						399	X								
#B-8						392	X								
#B-9						504	X								
#B-10						499	X						C		Perm. Profile
#B-11						448	X						T		
#B-12						553	X						T		

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data						Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. feet cored (2)	Z - Cores saved	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity				
F.V. Larson						360	X					X		TC	(1) See Tables for details (2) If underlined - Conventional cored. (3) B - Baroid; C - Caliper; T - Temp.; D - Directional B.S. - Bottom Sample
#C-1						18	X								
M. Larson					X	18	X				X				
#A-1							X								
#A-2							X				X				
#A-3							X				X				
#B-1						388	X	X			X				
#C-1							X				X				
#C-2						230	X								
#C-3						170	X							T	
McLaughlin															
#A-1						18	X								
#A-2						451	X				X	X			
#B-1						50	X				X	X		T	
#B-2						27	X				X	X		T	
#C-1						36	X				X	X		T	
McLaughlin															
Unit						36	X								
#B-1						63	X								
Newton Assoc.															
Unit						519	X	X			X	X			
#A-1						526	X				X	X			
#B-1						521	X	X			X	X			
#C-1		X				571	X							T	
#D-1						237	X								
Nikkel						267	X								C
#A-1							X					X			
#A-2							X					X			
#A-3						319	X					X			



TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data					Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Kotrada	Navajo	Shinarump	No. feet cored (2) Z - Cores saved	W. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity					
Carney #5-34						553	X			X	X				Core "Cap Rock"
#6-5						743	X	X		X	X				
#7-35					X	793	X	X		X	X			T	
#8-34						885	X			X					
#9-35						677	X			X					
#10-4						647	X			X	X			C	
#11-4						649	X	X		X					
#12-5							X	X							
#13-4						629	X	X		X					
#14-34						578	X			X					
#15-35						611	X			X					
#16-35					X	632	X			X					
#17-35						625	X			X					
#18-35						616	X			X					
#19-34						631	X			X					
Carney Unit #1															
Union Pacific															
#1-32						105	X				X				Core Water Base Mud
#2-20						110	X	X			X			C	
#3-34						39	X				X			C	
#4-29							X				X				
#5-28							X				X				
#6-21							X				X				B.S.
#7-29							X	X			X				
#8-20							X				X				
#9-29							X				X				

TABLE II

Company and Lease	Section Cored (1) Other than Weber				Weber Data						Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks	
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. Feet cored (2) Z - Cores saved	M. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio- activity					
Union Pacific															
#10-21															
#11-21						428	X	X			X				
#12-27							X	X			X				
#13-28						96	X	X			X				
#14-20							X	X			X				
#15-28							X	X			X				
#16-27						133	X	X			X				
#17-27							X	X			X				
#18-21					X		X				X				
#19-28						705	X	X			X				
#20-29						704	X		X		X				
#21-32						690	X				X			C	
#22-32							X				X				
#23-32							X				X				
#24-27						425	X				X				
#25-31							X				X				
#26-31							X				X				
#27-20						254	X				X				
#28-22						164	X				X			C	
#29-32							X				X				
#30-16							X				X				
#31-21							X				X			C	
#32-27							X				X				
#33-32						500	X				X				
#34-31							X				X				

(1) See Tables for details  
 (2) If underlined - Conventional cored.  
 (3) B - Baroid; C - Caliper;  
 T - Temp.; D - Directional  
 B.S. - Bottom Sample

TABLE II

Company and Lease	Section Cored (1) Other than Weber					Weber Data						Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. Feet cored (2)	M. B. Sch.	O. B. Sch.	Gamma Ind.	L. W. Radio-activity					
Union Pacific															
#35-32							X			X					
#36-32						627	X			X					
#37-29						551	X			X					
#38-22						77	X			X				C	
#39-17							X			X					
#40-22							X			X					
#41-20						358	X		X	X					
#42-28							X			X					
#43-28							X			X					
#44-20						447	X			X					
#45-21						472	X			X					
#46-21							X		X	X					
#47-21						224	X		X	X					
#48-29						628	X		X	X					
#49-27						545	X		X	X					
#50-29							X		X	X					
#51-20							X		X	X					C
#52-29						628	X		X	X					
#53-32						617	X		X	X					
#54-21		X				158	X		X	X					
#55-17						147	X		X	X					
#56-21						191	X		X	X					
#57-21		X				331	X		X	X					
#58-27						562	X		X	X					
#59-27					X	469	X		X	X					

(1) See Tables for details  
 (2) If underlined - Conventional cored.  
 (3) B - Baroid; C - Caliper; T - Temp.; D - Directional Survey; B.S. - Bottom Sample

TABLE II

Company and Lease	Section Cored (1) Other than Weber				Weber Data				Well Shot (1)	Data on G/O or O/W (1)	Various Data (3)	Remarks
	Dakota	Morrison	Entrada	Navajo	Shinarump	No. feet cored (2) 2 - Cores saved	M. B. Sch.	O. B. Sch.				
Union Pacific												
#60-31						517	X	X	X			
#61-20						589	X	X	X			
#62-32						650	X	X	X	X		Core Gas Cap
#63-31						573	X	X	X			
#64-22						65	X	X	X			
#65-5						102	X	X	X	X		
#66-16		X				58	X	X	X			
#67-32						603	X	X	X			
#68-32						626	X	X	X			
#69-27						627	X	X	X			
WASATCH												
Beezley							X	X	X	X		Drill Pw w/oil
#1-22							X	X	X			" " "
#2-22					X		X	X	X			" " "
Gentry							X	X	X			" " "
#2D							X	X	X			" " "
#3D						317	X	X	X			" " "
#4D						1148	X	X	X			" " "
#5D						318	X	X	X			-1140 TD
F.A. Larson #1-16						56	X	X	X			-1150 TD
M.B. Larson #1-25				X		53	X	X	X			Drill Pw w/oil
#2-25							X	X	X			Drill Pw w/oil
#3-25						329	X	X	X			Drill Pw w/oil Except 6'
#4-25						6	X	X	X			Drill Pw w/oil
#5-25							X	X	X			Drill Pw w/oil
#6-25						260	X	X	X			Core w/Iriscope
#7-25						325	X	X	X			Core w/Iriscope



DAKOTA CORING AND TESTING DATA

Well	Elev.	Dakota Interval	Cores	Drill Stem Tests	Blow-outs
CALIFORNIA Emerald #3	5331	3020-3120	#1 - 3026-41 Recovered 11'.		
			6' med. gr. oil st. ss., good odor.		
			5½' med. gr., white ss., gas odor.		
			2' oil st. ss.		
			1½' asphaltic stain ss.		
			1½' congl. ss., light stain		
			#2 - 3070-86. Recovered 6½'		
			2' med. gr. friable st. ss. Looks wet.		
			4½' med. gr. congl. ss., looks wet. Lost, was soft sand.		
Emerald #16	5315	3015-3103	#1 - 3035-44½ Recovered 8'		
			5' med. gr. soft ss, good odor.		
			1' med. gr., cal. ss		
			2' Hard ss. asph. stks.		
			#2 - 3044½-52½. Rec. 7½'		
			9" black shale		
			6' 9" med. gr. friable, ss. gas odor		
			#3 - 3052½-3071 Rec. 7'		
			6½' med. gr. soft ss., slight odor		
			6" chert congl.		
Raven #A-2	5296	2974-3064	#4 - 1½' med. gr. white ss., sli. odor		
			2' chert congl.		
			#2 - 2970½-76 Recovered 5'.		
			3' black shale		
			2' hard, tight quartzite		
			#3 - 2976-89 Recovered 7'8"		
			2' black shale		
			2' hard tight sand		
			3' 8" oil st. ss., good odor.		

Well	Elev.	Dakota Interval	Cores	Drill Stem Tests	Blow-outs
<u>CALIFORNIA</u>					
Raven #A-3	5303	2977-3063	#2 - 2959-78 Recovered 7' shale. Rest Dakota sand by samples. #3 - 2978-83 Grey fine to med. gr. friable, ss., sli. odor. Looks wet.	Interval 2955-83. Open 20 min. SI 10 min. Rec. 120' mud, 1350' water. FP 200#-500# SI-1350#	
<u>IDAHO-SHARPLES AND WASATCH</u>					
McLaughlin #3-32	5249	2980-3082	2989-3007 Recovered 15' 4" 3' fine grain friable ss. 6' fine grain, hard ss. 4-3/4' fine gr. hard ss. 1 1/2' fine gr. friable, well sat. ss. 3007-3023 Recovered 8 1/2' 1' fine gr. stained ss. good odor 2 1/2' hard tight ss. 4 1/2' black shale 1' shaly ss water?		
McLaughlin #6-33	5234	2992-3078	#3 - 3009'-14' Recovered 1 1/2' grey tight ss. #4 - 3014'-18' Rec. 4' same #5 - 3018 '-26' Rec. 2 1/2' same		
<u>STANOLIND</u>					
Coltharp WH #C-1	5217	3367-3460	#1 - 3362-3382 Recovered 6' 4' blk. dead oil st. soft wat. sand 2' sh. and ss. lost circ. @ 3361 or sample top Dakota.		
Lacy #1	5420	3395-3490	3406-24 Recovered 7 1/2' 5' black shale 2 1/2' med. gr. ss., gas odor		
Lacy #2	5434	3335-3435	3347-60 Rec. 8' white sand, gas odor.		
Newton-Assoc. Unit #C-1	5204	3250-3340	#4 - 3263-72 Rec. 6' 4' soft sand, gas odor, wet? 2' sand and shale #5 - 3272-74 Rec. 2' hd. sand and shale		

<u>Well</u>	<u>Elev.</u>	<u>Dakota Interval</u>	<u>Cores</u>	<u>Drill Stem Tests</u>	<u>Blow-outs</u>
<u>STANOLIND</u>					
Rector #5	5204	3130-3220	3132-50 Rec. 11' grey shaly sand; Last 1' good odor.		

MORRISON CORING, DRILL STEM TESTING AND BLOW-OUT DATA LISTED BY SAND NUMBERS

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
<b>CALIFORNIA</b>						
<b>SAND 1 &amp; 1A</b>						
Emerald #16 NE NW 31-2-102	5315	3103-3757	3103-33	#5 - 3110-28 Rec. 4½' 2' sandstone, med. gr. semi-friable, cherty. 2½' ss., fine to med. gr., friable; odor gas, some shale.	3112-3141. Open 30 min., slight blow. Rec. 2610' brackish water; F.P. 600#, SIP 1400#, HP 1500#.	
				#6 - 3128-41 Rec. 2' 2' ss, med. gr., angl., silty shale streaks.		
Fee #28 SE SE 18-2-102	5346	3615-4340	3664-72			P.B. to 3272. B.O. while fishing. Est. 7 MOCF gas.
	5268	3183-3850	3226-49	#1 - 3214-22? Rec. 5½' 5' f.g. tight, argil. ss, gas odor. Sli. fluorescence.	Interval 3208-21½; Open 15 mins. Shut in 5 min. Rec. 276' water cut mud. FP 200 Hyd 1700.	B.O. @ 3685 while drilling.
McLaughlin #30 NE NW 14-2-103	5548	3950-4679	4084-41102 1 A	#1 - 4087-4100 Rec. 6" friable tight congl. Clay-matrix. No show. Baroid truck used.		
	5531	3836-4551	3925-40	Baroid Truck - Tight, show fluorescence. Prob. water sand.		

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
<u>IDAHO-SHARPLES AND WASATCH</u>						
Larson, M. B. #1-26	5597	4245-4940	4253-93	#1 - 4242-47 Rec. 6" #2 - 4247-60 Rec. 10½' #3 - 4260-78 Rec. 13' #4 - 4278-96 Rec. 2' silty sh. #5 - 4296-4311 Rec. 15' sand and silty shale.	#1 Interval 4270-4311 Open 45 minutes. Rec. 180' mud and 3106' water. No gas.	
<u>McLaughlin #6-33 5234 NW NW 33-2-102</u>						
		3078-3750	3102-18	Wire line cores #2 - 3003-09, 1' grey sdy. sh. #3 - 3009-14, 1½' grey, tight ss. #4 - 3014-18, 4' grey, tight ss. #5 - 3018-26, 2½' grey, tight ss. ½' black shale.		
<u>STANOLIND</u>						
E. Rector #7 ?	5213	3250-3803				B.O. while drilling at 4811. Gas & oil show.
<u>TEXAS</u>						
U.P. #4-29 NE SW 29-2-102	5281	3100-3780	3160-70	#1 - 3159-3167½ Rec. 5' 2" 2' hard, green sdy. sh. and muddy ss. 2½' soft ss., looks wet, gas odor, asphalt stain. 6" hd. green ss. congl. 2" green shale	Int. 3148-68 Open 30 minutes. Rec. 736' salt water. FP 0 SIP 150 psi.	
<u>CALIFORNIA</u>						
Emerald #18	5367	3183-3838	3370-85			3359-91. Open 15 min. Very strong blow. Pres. @ surf. 850#. Rec. 10' gas cut mud with small amount condensate. F.P. at bottom 1600 psig. Hydro 1900 psig.

SAND #2

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
CALIFORNIA						
Emerald #21						
NE SE 36-2-103						
	5388	3520-4175	3680-3700	*SW #4 - 3690 - coarse, shaly ss. Slight odor.		
				SW #5 - 3689 - coarse, shaly, sand. Good odor. Fair speckled fluorescence. Perm. 43 md. Por. 23.7; Oil 8.4; H <sub>2</sub> O 60.4 percent.		
				SW #7 - 3694 - brn., coarse, porous sand. Speckled fluorescence, looks wet. Perm. 89 md. Por. 23.2 percent. Oil sat. 3.4% H <sub>2</sub> O 82%.		
				*Sidewall Cores		
Fee #15	5296	3215-3845	3388-3409			B.O. @ 3402 while drilling blew gas and water.
Gray #A-12	5334	3420-4115	3560-90			
SW NW 19-2-102				3 attempts made with A-1 sidewall coring device. No recovery.		
McLaughlin #18	5507	3857-4575	4032-42			
SW NW 14-2-103						B.O. @ 4040, while drilling blew gas and water, 9.5# mud.
Raven #A-2	5296	3064-3720	3234-49			
NW NE 31-2-102				3248-65 Recovered 9' 4' med. gr. well sorted, friable tan cross-bedded ss, some lt. oil stain. Odor gas, looks wet. Gr. Sh. in interstices. Perm. 423 md.; 5' med. dk. gr. sh. and shaly sand.	Interval 3250-3265. Gas at surface in 3 min. Steady blow. Rat hole mud in 23 min. Spray salt water in 33 min. Rec. 370' salt water.	

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
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SAND 2 (Continued)

CALIFORNIA  
McLaughlin #37  
 NE SE 15-2-103

#1 - 3977-83.	Recovered 5'
4'	shale cavings;
6"	ss. tight slight stain and odor.
6"	ss. congl. prob. water sand.

S. W. McLaughlin  
 #2

3332-41	Recovered 9'
3'	white tight ss. Fractures with asphalt, calcite and dol. Fair gas odor.
5'	tight ss., oil stain.
1'	tight ss. No show.

PHILLIPS  
Rigby #1  
 SW SE 24-2-103

5376	3303-3995	3422-77
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#1 -	Int. 3430-3503. Open 8 minutes. Rec. 90' oil cut mud. Flow oil and water through annulus.
#2 -	Int. 3452-3503. Open 10 min. Rec. 90' mud & 180' oil & gas cut mud.
#3 -	Int. Pkr. 3455, csg.perf. 3470-80. Open 10 min. Flow 6 B Wat./hr.
#4 -	Int. Pkr. 3455, csg. perf. 3470-80. Open 10 min. Flow 4 B Wat./hr.
#5 -	Int. Pkr. 3430, csg. perf. 3450-60. Open 1 hour. Flow 2 B Wat./hr.

STANOLIND  
J.F. Coltharp #2  
 5212 3360-3970 3325-36

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
STANOLIND						
McLaughlin, A.C. #2	5238	3462-4121	3722-45	SAND 2 (Continued)		
SE NW 5-1-102						B.O. @ 3729
TEXAS						
Carney 1-34	5239	3195-3850	3370-86	3373 $\frac{1}{2}$ -77 - fine to coarse gr. med. hd. sli. oil st'd. ss.	3370-90. Open 30 min. Gas immediately. No oil or water. Est. 2 $\frac{1}{2}$ MCF. FP 500# SIP 1550#.	
NW SE 34-2-102				3377-78 ~ lt. green, med. coarse hd. light ss. odor gas.		
				3378-80 - hd. tight ss.		
				3380-83 - hd. sl. sdy. green sh.		
				3383-86 - Speckled, coarse, cherty sh. congl. med. hd. ss. No odor.		
U. P. #1-32	5247	3048-3710	3225-45		3228-3248. Open 10 min. Gas instantly. 34.4° gravity oil to surface in 8 minutes.	
NE NW 32-2-102						
U. P. #2-20	5276	3315-3943	3521-33		3540-56. Open 1 hour. Rec. 110' salt water.	
SW SE 20-2-102						
U. P. #3-34	5289	3183-3830	3353-78	3361 $\frac{1}{2}$ -64 - lt. tan, med. soft, porous ss. lt. oil stain, slight odor.	3363-3390 - Open 36 min, gas immediately. Est. 2 $\frac{1}{2}$ MCF. No fluid. FP 575# SIP 1500#.	
NE SW 34-2-102				3364-66 - hd. calc. green ss.		
				3366-66 $\frac{1}{2}$ - soft to hard, pale green, calc. sh. bleeding oil.		
				3366 $\frac{1}{2}$ -68 - hd. green, calc. ss.		
U. P. #4-29	5281	3100-3780	3260-71		Two Tests. Packer failed to hold.	
NE SW 29-2-102						
U. P. #5-28	5323	3300-3875	3446-55	3450 $\frac{1}{2}$ -58 - lt. tan, coarse, porous ss. slight odor.	3445-3464. Open 1 hour. Very sli. blow. Rec. 90' drilling fluid.	
NE SE 28-2-102						

Well \_\_\_\_\_ Elev. \_\_\_\_\_ Morrison Interval \_\_\_\_\_ Sand Interval \_\_\_\_\_ Cores \_\_\_\_\_ Drill Stem Tests \_\_\_\_\_ Blow-outs \_\_\_\_\_

SAND 2 (Continued)

TEXAS  
U. P. #37-29  
NW SE 29-2-102

5295 3143-3817 3325-36

3307-38. Open 15 min.  
3.5 MCF. Rec. 60' mud.  
FP 200# SIP 1000#,  
15 minutes.

CALIFORNIA  
Emerald #32

5338 3164-3850 3308-3321  
3365-3394

#1 - 3320-30. Cut 10', Rec. 9'.

1' ss. with gas odor.  
8' siltstone sh.

#2 - 3330-45. Cut 16', Rec. 2'

siltstone sh.

#3 - 3345-61. Cut 16', Rec. 2'

ss. with no odor.

#4 - 3361-71. Cut 10', Rec. 0'

#5 - 3371-90. Cut 19', Rec. 15'

ss. and sdy. cg. with good  
gas odor and some oil.

#6 - 3390-98. Cut 8', Rec. 6'

4' sdy. cg. with sl. oil. stn.  
2' sh.

# 1 - 3373-3398. Ran 2000'  
water cushion, tool open  
30 minutes. Good blow salt. & salt  
water and gas. Top Hole P. water.  
700#; FBHP 1500#; SI BHP  
1700#. Hydro st. P. 1950#.

SANDS 2, 2A & 2X

Emerald #33

5346 3139-3810 No sands  
present  
worthy of  
mention

#1 - 3289-3333. Cut 99'. Rec. 39' sh.

& siltstone.

#2 - 3333-3348. Cut 15'. Rec. 12' shy.

siltstone.

#3 - 3348-3365. Cut 17'. Rec. 16'

silty shale.

#4 - 3365-3391. Cut 26'. Rec. 25'

shale and 2' silty ss. NS

Emerald #34

5357 3172-3857 No sands  
present

#1 - 3313-18. Cut 5'. Rec. 3' sh.

& siltstone.

#2 - 3318-38. Cut 20'. Rec. 11'

siltstone.

#3 - 3350-61. Cut 21'. Rec. 20'

shaley siltstone.

#4 - 3361-74. Cut 13'. Rec. 12'

1' silty ss. NS.

11' Siltstone

(Continued on next page)



Well	Elev.	Morrison Interval	Sands Interval	Cores	Drill Stem Tests	Blow-outs
CALIFORNIA						
Fee #43 SE NW 19-2-102	5337	3423-4130	3755-60	SAND 3 (Continued) Baroid Truck - No Show.		
Gray #B 9 NW SW 18-2-102	5407	3730-4433	4070-80	#1 - 4073-93. No recovery. Fair Baroid show. Baroid truck used.		Near B.O. at 4100 (40' below sand.)
McLaughlin #24 NE NW 23-2-103	5514	3713-4410	4044-59			
McLaughlin 30 NE NW 14-2-103	5548	3950-4679	4310-30	#2 - 4318-23. Rec. 8" tight barren sand. No show. Baroid truck used.		
S.W. McLaughlin #2	5214	3146-3784	3475-3504	3497-3510. Recovered 9'. 8' lt. grey f.g. tight, cherty, ss. Good gas. 1' grey-green fissile sh.		
STANOLIND						
Newton Assoc. #1C SE NW 4-1-102	5204	3340-3980	3676-3700	#6 - 3689-3702. Rec. 13' coarse gr. porous friable ss. Gas odor & salt water. #7 - 3702 9 1/2' shale.	#1 - Interval 3685-3709 1/2. Open 30 min. Sli. to med. blow. 6 MCF. Rec. 80' salt water and mud. FP 250# SI 10 min. 1640#.	
Rector #6 NW NE 3-1-102	5194	3241-3885	3590-3608			B.O. @ 3590 with 9.2 mmd.
TEXAS						
U. P. #4-29 NE NW 29-2-102	5281	3100-3780	3421-34	#4 - 3424-28. Recovered 4'. 2' grey, crys. cherty congl. gassy odor. 2' green cherty shale.		

Well	Elev. + Interval	Morrison Sand Interval	Cores	Drill Stem Tests	Blow-outs
<b>CALIFORNIA</b>					
Fee #43 SE NW 19-2-102	5337	3423-4130	3782-90	Baroid Truck - No Show.	
McLaughlin #37 NE SE 15-2-103	5531	3836-4551	4212	Ss. tight - No Show.	
<b>SAND 3A</b>					
<b>CALIFORNIA</b>					
Emerald #14 NE NW 36-2-103	5422	3449-4112	3880-90	3886-99. Recovered 11'. 10' grey, coarse, friable, ss. slight odor wet. 1' hd. & tight ss., core analysis. Good perm. 14% Por. No oil, high water. Baroid truck used.	3832-99. Open 30 min. Sli. blow. Closed 15 min. Rec. 60' slight gas cut mud. Hydro 2000 FP 0 SIP 0.
<b>SAND 4</b>					
<b>DELTA</b>					
Kenny #1 NE SE 34-2-101	5294	4400-5030	4765-80	4765-70. Rec. 6' 1' shale 4' med. to coarse sand. No show.	
<b>TEXAS</b>					
U. P. #1-32 NE NW 3-2-102	5247	3048-3710	3450-80	3455-70. Rec. 15' fine gr. friable well. sat. ss. 3470-84. Rec. 12' fine to crys. ss.	3450-84. Open 50 minutes. Rec. 3280' brackish H2O.
U. P. #3-34 SW NW 34-2-102	5289	3183-3830	3600-40	3611-25. Rec. 8' 3' friable sli. st. ss. 4 1/2' congl. ss., fair odor. 6" shale. 3625-29. Rec. 2' shale. 3629-47. Rec. 2' 1' shale 1' soft ss. 3647-62. Rec. 13-3/4' hd. ss. 1 1/2' 12 1/2' shale.	3624-47. Open 60 minutes. Rec. 60' mud. No show.

Well \_\_\_\_\_ Elev. \_\_\_\_\_ Morrison Interval \_\_\_\_\_ Sand Interval \_\_\_\_\_ Drill Stem Tests \_\_\_\_\_ Blow-outs \_\_\_\_\_

CALIFORNIA  
Fee #34  
 NE NE 3-2-102

BASAL SAND  
 #9 - 3642-59. Rec. 3' fine gr. cross bedded ss.  
 #10 - 3659-75. Rec. 16'. 3 1/2' shale  
 #11 - 3675-87. Rec. 12'. 12 1/2' fine gr. to coarse ss. 7 1/2' shale.  
 4 1/2' med. to coarse ss. Core analysis: 3643-46 - Gas ? 3646-93 - Water.

5287 3189-3862 3640-

TEXAS  
U. P. #39-17  
 NE SE 17-2-102

5412 3890-4604 4425-4500

#1 - Interval 4436-50. Open 45 min., slight blow. Rec. 100' oil cut mud. Flowing pressure - 0  
 #2 - Interval 4474-4511. Open 30 min. 200 MCF for 10 min. Died to nothing. Rec. 90' oil and gas cut mud; 90' water cut mud; 180' of salt water. FP - 0.

CALIFORNIA  
Emerald #21  
 NE SE 36-2-103

OTHER SANDS

5388 3680-3700 3860-3890 SW #2 - 3871. F.G. sli. calc. & argil. ss. Sli. odor. Speckled fluor. Perm. 37 md. Por. 14.1%; Oil 12.8%; Water 48.2%.  
 3 A  
 SW #3 - 3868. Very fine gr. sand, no show. Perm. .1 md. Por. 10.3%, Oil 6.8%, Water 71.8%.  
 SW #1A - 3867. Coarse, cherty, calc. ss. No show.

5388 3680-3700 3860-3890 3 A

Gray A #12  
 SW NW 19-2-102

5334 3420-4115 3910-33 SW #1 - Fine to med. gr. tight cherty sand. Perm. 0 md. Por. 8.9, Oil 9%, Water 59%.

Well	Elev.	Morrison Interval	Sand Interval	Cores	Drill Stem Tests	Blow-outs
<u>CALIFORNIA</u>						
McLaughlin #31 SE NE 15-2-103	5519	3884-4597	3975-82	OTHER SANDS (Continued) 3987-94. Recovered 5½' 3' grey, fine gr. calc. & hard tight ss. Slight odor. 2½' shale. Baroid truck used. 4272-77. Recovered 5' 3' grey med. gr., porous ss. Good odor, fair fluor. First foot, Perm. 131 md. Por. 12.1, OH1 - O, Water 32.4%. 2' shale. Baroid truck used.		
DELTA Kenney #1 NE SE 34-2-101	5294	4400-5030	4488-4530	4523-28. Rec. 5' grey sandy congl. Fair odor. Spotted fluor. Core Analysis: High water and low oil. 4528-34. Recovered 6' 2' as above. 2' shale 2' very fine gr. ss. tight. No show.		
STANOLIND Guiberson #1 SE NE 18-2-102	5351	3798-4530	4256-90		4262-84. Open 20 min. Rec. 60' mud; 90' gas cut mud and 120' salt H <sub>2</sub> O.	B.O. @ 3513 33' below sand.
Coltharp J.E. #15 SE SE 35-2-102	5212	3360-3970	3470-80			
McLaughlin A.C. #2 SE NW 5-1-102	5238	3462-4121	3723-46 2 A			B.O. @ 3729
TEXAS U. P. #2-20 SW SE 20-2-102	5276	3315-3943	3520-32		3540-56. Open 1 hour. Rec. 110' salt water. Note: Drill pipe measurements probably off.	

ENTRADA CORING AND TESTING DATA

<u>Well</u>	<u>Elev.</u>	<u>Entrada Interval</u>	<u>Cores</u>	<u>Drill Stem Tests</u>	<u>Blow-outs</u>
CALIFORNIA Emerald #16	5315	3859-3995	#13 - 3858-73 Rec. 6' very fine grain, clean white ss.	3845-73. Open 45 min. Fresh water in 21 mins. Flowed 14 bbls. in 15 min. Hydro 1900#, FP 14,00#, 1800# in 45 mins.	
Fee #2	5283	3817-3980	3820-38. Recovered 6'. Description not available.		
PHILLIPS Levison #1	5319	4135-4270		Perforated 47 holes. 4230-40. Packer @ 4210. Open 45 minutes. Water in 20 minutes.	
TEXAS Union Pacific #1-32	5247	3810-3962	3813-27. Recovered 7' 4". 1 1/2' soft sand 1 1/2' friable ss. asphalt st. 4' 1/4" soft wet sand.		
Union Pacific #3-34	5289	3940-4095	3949-59. Recovered 4' soft, porous ss., probable water.		

NAVAJO CORING AND TESTING DATA

<u>Well</u>	<u>Elev.</u>	<u>Navajo Interval</u>	<u>Cores</u>	<u>Drill Stem Tests</u>	<u>Blow-outs</u>
<u>PHILLIPS</u> Levison #1	5319	4337-4930		Perforated 47 holes. 4335-45. Packer @ 4290. Open 75 minutes. Flowed fresh water in 20 minutes.	
<u>STANOLIND</u> McLaughlin Unit #A-1	5496	4940-5570		4960-5085. Recovered salty water at surface in 60 minutes. Flowed 4 bbls. per hour. FP 2150#; SI 2200#.	

SHINARUMP CORING AND TESTING DATA

Well	Elev.	Shinarump Interval	Cores	Drill Stem Tests	
				Shinarump Sandy (?) Interval	
CALIFORNIA Emerald #15	5526	5487-5560	Cored 5527-5561. No Show.	T.D. 5561. Packer @ 5490. Open 30 min. No blow. Recovered 15' mud. FP - 0; SIP - 0 psig. (20 min.) Hydro 2800 psig.	
Emerald #16	5315	4790-4860	Cored 4809-4851. No Show.	No DST.	
McLaughlin #8	5520	5430-5496	Cored 5431-5489. No Show	T.D. 5497. Dual Packer @ 5397 & 5405. Open 20 min. No blow. Rec. 180' mud. FP - 0 psig; Hydro 2700 psig.	
McLaughlin #14	5531	5710-5790	Cored 5705-5758. No Show.	DST failed.	
Fee #37	5329	5570-5654	Cored 5585-5647. No Show	No DST.	
S.W. McLaughlin #5	5249	4822-4905	#1 - 4878-86. Rec. 6' mottled sandy shale. #2 - 4886-96. Rec. 10' mottled sandy shale. #3 - 4896-4906. Rec. 10'. 2' fissile, soft, sandy sh. 2' friable, very sdy. sh. 4' red and grey sdy. sh. 1' coarse tight congl. ss. No oil or gas show.		
S.W. McLaughlin #2	5214	4808-4892	#1 - 4856-71. Rec. 15'. 5' grey sdy. sh. 4' grey very sdy. sh. 5' ferruginous shale. #2 - 4871-89. Recovered 14'. 7' vari-colored, friable sandy sh. 1' grey, very coarse, tight shaly congl. ss. 6' grey, fairly porous congl. ss. slight odor. Sli. oil sat.	#1 - 4788-97'. Open 40 min. Shut in 10 min. Very sli. blow. Rec. 75' sli. gas-cut mud. FP 500-1080#. SI 1080-1280#. No indication oil or water.	

Well	Elev.	Shinarump Interval	Shinarump Sandy (?) Interval	Cores	Drill Stem Tests
<u>CONTINENTAL</u>					
Rooth #3	5593	5961-6020	5995-6020		5960-6010 - perforated with 2 1/8 9/16" holes. Retainer 6025. Hole filled 300' in 6 hrs. Bailed 30 gal. oil; rest oil cut mud.
Rooth #4	5768	6200-55	?	#1 - 6240-52. Recovered 7 1/2'. 6' coarse sand 1 1/2' gray shale. Rest, no show.	6220-6255. Perforated with 1 7/8 holes. Retainer @ 6287. Bailed some oil, last 8 hrs. All salt water.
<u>PHILLIPS</u>					
Levison #6	5348	5155-5280	5210-80	5213-31. Rec. 13 1/2'. 4'10" white, congl. some dead st. 3'10" sandy shale; 3'10" grey congl. 1' red crys. ss.	
<u>STANOLIND</u>					
Coltharp #1	5207	4910-5010	4970-5010	4983-4992. Rec. 8'10" angular, med. gr. to crys. sand & congl. loosely cemented, stain and odor. Lost 4'. Max. Perm. 7.4 md. Por. 11.8%.	T.D. 4992. Packer 4983. Open 2 hours. 1/2" choke, sli. blow 30 min. The max. blow of 10 MCF/day. Rec. 20' gas cut mud. FP 100 psi; SIP 100 psi.
<u>M.B.Larson</u>					
#A-1	5614	5760-5810	?	Cored 5335-5809. #5 - 5772-85. 40" sandy shale; 16" barren ss. #6 - 5785-97. Recovered 11'. 1'2" coarse barren ss. 2 1/2' coarse ss. #7 - 5797-5809. Recovered 5' sh.	T.D. 5809. Packer 5726. Tool open 2 hours; 1/2" bottom choke. Airing 20 min. Rec. 60' mud. FP - 0; SIP - 0.
<u>TEXAS</u>					
Carney #7-35	5306	5020-5115	5072-5110	Cored 5000-5140 #8 - 5067-78. Recovered 11'. 1' red shaly ss. 1 1/2' coarse ss., clay cemented. 1 1/2' sandy mudstone, 5' coarse ss., clay cemented asph. st.	#1 - T.D. 5078. Packer 5069. Open 45 min. No blow. Rec. 15' mud. #2 - T.D. 5106. Packer 5086. Open 30 min. Blew 10 to 7 MCF SIP 1500 psi. FP 0 psi. Rec. 120' gas cut mud.

Well	Elev.	Shinarump Interval	Shinarump Sandy (?) Interval	Cores	Drill Stem Tests
<p>TEXAS  Carney #7-35  (Continued)</p>					
Carney #13-4 NE NW 4-1-102	5246	4930-4982	4930-4935 4968-4982	<p># 9 - 5078-91. Recovered 13'.  3½' shale.  2½' ss. clay cemented.  1.7' red mud congl.  8' shaly ss.  2½' congl. ss., clay cemented  2' shale,  1' silty congl.  #10 - 5091-5106'. Rec. 12'  1½' grey ss. clay cemented.  6' congl. ss., clay cemented  some dead stain &amp; odor.  5½' coarse ss. pores plugged  with black dead oil and  clay cement, good odor.  2' ss. odor and stain.</p>	<p>4967½-87. Tested on 7-28-47, Tool  open 30 min. Rec. 120' MCF  gas, 230' mud &amp; oil cut mud,  and 400' free oil. FP 350  psi and static press. 2250  psi.</p>
	5333	5443-5486		<p>Cored 5445-5494</p>	<p>T.D. 5494. Packer 5474. Open 1  hr. Rec. 10' mud. No pres.</p>
U. P. #59-27	5365	5275-5311		<p>No core description available.</p>	<p>#1 - 5294-5316. Open 45 min. Very  small blow. Rec. 135' drlg.  fluid; 1035' salt water; no  oil or gas. SIP failed;  FP 600 psi.</p>
<p>WASATCH</p>					
Beezley #2	5607	5695-5769		<p>#1 - 5349-55. Rec. 3½' hd. congl. ss.  #2 - 5755-65. Rec. 3' hd. sand and shale.</p>	
Larson #1-16	5650			<p>#9 - 6075½-84. Rec. 11'. Bottom 3' fine  to coarse, well saturated bleeding  sand.</p>	<p>3 DST. All failed.</p>

DATA ON DETERMINATION OF OIL-GAS CONTACT, WEBER SAND

WELL	ELEV.	WEBER & DATUM	D.S.T. PACKER AND DATUM	D.S.T. RESULTS	G/O BY CORES	HIGH-GAS AT-DATUM	NORMAL GAS AT DATUM	INDICATED G/O AT OR ABOVE	DATE OF INFORMATION
California Emerald #4	5356	5040 -284	5685 -329	St. blow		-329			2-21-46
I. S. & W. McLaughlin 3-33	5262	5555 -293	5601 -339	No gas			-339	-339	3-15-46
California Emerald #3	5331	5552 -221	5657 -326	v.sli.blow			-326	-326	3-20-46
California Raven B-1	5306	5608 -302	5630 -320	Some gas		-324			3-25-46
Stanolind F.V.Larson #1	5269	5585 -316	5591 -322	High gas		-322			4-9-46
California Fee #15	5296	5614 -318	5616 -320	Gd.blow		-320			4-23-46
Texas Carney 5-34	5321	5648 -327	5670 -349	Dry	No perm.		-349	-349	5-11-46
I. S. & W. McLaughlin 2-32	5268	5543 -276	5598 -330	High gas	-333 5600	-330	-351	-333	5-22-46
California Emerald #7	5324	5611 -287	5655 -331	li. gas			-331	-331	5-28-46
California Fee #18	5246	5545 -299	5576 -330	v.sli.blow			-330	-330	6-12-46
I. S. & W. UP Unit 2-34	5309	5636 -321	5679 -370	v.sli.blow			-370	-370	7-25-46
I. S. & W. McLaughlin 2-33	5240	5512 -272	5572 -332	sli.blow			-332	-332	8-13-46
I. S. & W. McLaughlin 8-33	5229	5504 -275	5563 -334	sli.blow			-334	-334	8-13-46
California Fee #3	5277	5593 -316	5614 -337	sli.blow			-337	-337	3-1-45
California Fee #2	5283	5530 -247	5588 -305	(tight) v.sli.blow				?	3-23-45

WELL	ELEV.	WEBER & DATUM	D.S.T. PACKER AND DATUM	D.S.T. RESULTS	G/O BY CORES	HIGH-GAS AT-DATUM	NORMAL GAS AT DATUM	INDICATED G/O AT OR ABOVE	DATE OF INFORMATION
Wasatch McLaughlin 1-33	5275	5530 -255	5618 +343	v. little gas			-343	-343	5-16-45
Wasatch McLaughlin 2-33	5262	5555 -293	5594 -332	No gas			-332	-332	5-24-45
Texas UP 1-32	5247	5488 -241	5568 -321	High gas		-321			7-20-45
California Emerald #2	5363	5708 -345	5712 -349	No blow			-349	-349	7-22-45
Texas Carney 1-34	5239	5576 -337	5586 -347	v. sli. blow			-347	-347	8-7-45
California Fee #9	5260	5550 -290	5587 -327	No blow			-327	-327	8-23-45
Texas UP 4-29	5281	5564 -283	5522 -341	No gas			-341	-341	10-2-45
I.S. & W. UP Unit 1-34	5290	5587 -297	5614 -334	IMMCF		-334			10-23-45
California-S.W. McLaughlin #1	5239	5520 -281	5548 -309	(tight) Little gas				?	11-29-45
I.S. & W. McLaughlin 1-28	5263	5618 -355	5616 -353	sli. blow			-353	-353	12-3-45
Texas Carney 3-34	5305	5620 -315	5620 -318	12.5 MCF		-318	-340	-340	2-12-46
California Raven A-2	5296	5504 -208	5641 -345	v. lit. gas			-345	-345	11-12-46
California - S.W. McLaughlin #3	5220	5506 -286	5552 -332	v. sli. blow			-332	-332	11-17-47
California Emerald #16	5315	5530 -215			-330 5860'			-330	11-19-46
Texas UP 22-32	5235	5514 -279	5563 -328	sli. blow			-328	-328	12-17-46





DATA ON DETERMINATION OF OIL-WATER CONTACT, WEBER SAND

WELL	ELEV.	O/W INDICATED BY SCHLUMBERGER	O/W INDICATED BY CORE ANALYSIS	INTERVAL OF DST & DATUM	DST RESULTS	PRODUCED WATER AT-DATUM	INDICATED O/W AT OR BELOW	DATE OF INFORMATION
Algord								
Guiberson #1	5351	6510 -1159					-1159	2-5-46
Continental Rooth #1	5616	6775 -1159					-1159	2-5-46
Texas UP 6-21	5326	6488 -1162	6452-79 -1153 6477-6505 -1178	No Water 65' Water	-1178		-1153	4-30-46
Cobb Stringer Newton Gov't #1	5221		6782-6859 -1561	660' Mud & Water	-1561			6-1-46
I.S. & W. Larson 1-16	5660		6780 -1120				-1120	10-22-46
			Prob-Perm. Streak					
Texas-Carney 6-5	5274		6424 -1150	No Water No Perm.			-1150	11-6-46
Stanolind Coltharp 1-C	5217		6370 -1163				-1163	12-5-46
Continental Rooth #3	5602	-1162 6764	6667-85 -1183	2000' Mud & Water	-1183		-1162	1-7-47
Continental Rooth #4	5768	6930 -1162	6851-6955 -1187	Water	-1187		-1160	1-29-47
Stanolind Pepper #1	5237		6310-77 -1140	Water	-1140		-1077	3-3-47
			Perm.Streak					

WELL	ELEV.	O/W INDICATED BY SCHLUMBERGER	O/W INDICATED BY CORE ANALYSIS	INTRPRVAL OF DST & DATUM	DST RESULTS	PRODUCED WATER AT-DATUM	INDICATED O/W AT OR BELOW	DATE OF INFORMATION
Texas Carney 9-35	5358		-1164	6481-6512 -1154 6516-33 -1175	No Water 50% Water	-1175	-1154	4-11-47
I. S. & W. M. B. Larson #1-26	5597	6760 -1163					-1163	4-20-47
Delta Kenney #1	5294			6726-6746 -1152	320' Water & Mud	-1152		5-6-47
Continental Hall #1	6069			7445-7480 -11411	225' Mud & Water 1200' Water	-11411		7-16-47