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075-05448

9-7N-53W

Miscellaneous Data

Well: #1 American Land & Cattle Co.
 Elevation: 4050 Gr., 4060 KB
 Commenced: 12-6-63
 Completed: 12-14-63
 Status: Dry & Abandoned
 Cores: 1: 'J' Sand
 Core Analysis: Core Lab
 Drillstem Tests: 1: 'J' Sand
 E-Logs Schlumberger: ES-Ind., Microlog
 Surface Casing: 8 5/8" @ 100 KB cemented
 with 100 sacks

Formation Tops- E-Log

Niobrara	3772
Timpass	4114
Carlile	4162
Greenhorn	4350
Bentonite	4510
'D' Sand	4603 (-543)
'J' Sand	4693 (-633)

Bit Record

<u>Run No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>
1	7 7/8"	Security	S-3	100	3323
2	7 7/8"	Security	S-3	3323	4691
3	6 1/8"	D & S	Diamond	4691	4715
4	7 7/8"	Security	M4N	4691 (ream)	4775

Cores

Core #1: 4691-4715
 Recovered 25 feet

4' Bentonitic shale
 3' Sand, dark gray, very silty and "reworked", N.S.
 2' Sand, dark gray, very silty and "reworked", spotty stain and fluorescence
 1 1/2' Sand, dark gray, very silty and "reworked", N.S.
 4' Sand, tan, fine-grained, silty, fair P & P, good odor, stain, and fluorescence
 1 1/2' Sand, gray, fine-grained, tite, w/ numerous shale partings
 5 1/2' Sand, tan, fine-grained, low P & P, good odor, stain, and fluorescence
 2' Sand, gray, fine-grained, tite, w/ numerous shale partings



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- 3' Sand, tan, fine-grained, low P & P, slight vert. frags, several 3" shale and tite sand stringers, fair odor, stain, and fluorescence
- 2' Sand, gray, fine-grained, fair P & P, wet

1' Coring Time

6-2-2-2-1-1-3-7-6-7-7-6-5-8-7-6-5-6-5-12-8-10-8-12

Core Analysis

<u>Depth</u>	<u>H.P.</u>	<u>V.P.</u>	<u>POR.</u>	<u>OIL</u>	<u>WATER</u>
4694-95	24	19	19.6	2.0	71.5
4695-96	22	11	22.7	2.6	72.3
4697-98	33	26	10.4	14.4	29.8
4698-99	339	274	19.3	11.4	49.3
4699-4700	100	97	19.1	13.1	44.0
4700-01	194	182	20.9	6.7	54.1
4701-02	105	100	18.8	8.5	47.3
4702-03	43	26	17.4	1.2	78.2
4704-05	50	42	16.4	14.0	42.1
4705-06	36	31	15.5	7.1	42.6
4706-07	63	55	15.6	10.3	39.8
4707-08	35	28	11.1	11.7	34.3
4708-09	8.0	1.9	12.8	7.0	65.5
4709-10	22	21	11.9	9.2	34.5
4710-11	1.2	0.7	5.0	10.0	32.0
4711-12	48	43	14.0	13.6	40.0
4712-13	97	78	18.1	3.3	60.3
4713-14	122	93	20.8	0.0	92.8

Drill Stem Test

DST #1: 4698-4711
 Open 30", SI 30", Open 90", SI 30"
 Recovery:
 Gas to surface in 19", burned w/ 6' flare
 20' Slightly oil cut mud
 120' Muddy water
 660' Gas cut water
 Pressures:
 IF= 164 FF= 352
 ISI= 1055 FSI= 1009
 IHP= 2646 FHP= 2646

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