



02433755

FLUID SAMPLE DATA				Date 4-10-72		Ticket Number 524909	
Sampler Pressure 25		P.S.I.G. at Surface		Kind of Job OPEN HOLE		Halliburton District LIBERAL	
Recovery: Cu. Ft. Gas				Tester MR. THOMAS		Witness MR. MARDEN	
cc. Oil				Drilling Contractor DANS DRILLING COMPANY IC S			
cc. Water				EQUIPMENT & HOLE DATA			
cc. Mud 2200				Formation Tested Atoka			
Tot. Liquid cc. 2200				Elevation 3833' Ft.			
Gravity ° API @ °F.				Net Productive Interval 16' Ft.			
Gas/Oil Ratio cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY		CHLORIDE CONTENT		Total Depth 4460' Ft.			
Recovery Water @ °F. ppm				Main Hole/Casing Size 8 3/4"			
Recovery Mud @ °F. ppm				Drill Collar Length 510' I.D. 2.25"			
Recovery Mud Filtrate @ °F. ppm				Drill Pipe Length 3902' I.D. 2.602"			
Mud Pit Sample @ °F. 1600 ppm				Packer Depth(s) 4439' - 4444' Ft.			
Mud Pit Sample Filtrate @ °F. 1600 ppm				Depth Tester Valve 4419' Ft.			
Mud Weight 9 vis 40 cp							
TYPE AMOUNT		Depth Back Pres. Valve		Surface Choke		Bottom Choke	
Cushion -		Ft.		1/4"		5/8"	
Recovered 30 Feet of		Drilling mud					
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks Opened tool for 4 minute first flow with a weak blow throughout test.							
Closed tool for 44 minute initial closed in pressure. Reopened tool for							
61 minute second flow with no blow on opening - weak blow after 5 minutes							
and dead again after 25 minutes. Closed tool for 89 minute second closed							
in pressure.							
TEMPERATURE		Gauge No. 534		Gauge No. 533		Gauge No.	
Depth: 4423' Ft.		Depth: 4456' Ft.		Depth: Ft.		TIME	
12 Hour Clock		12 Hour Clock		Hour Clock		Tool A.M.	
Est. °F. Blanked Off NO		Blanked Off YES		Blanked Off		Opened 4:23 P.M.	
Actual 128 °F.		Pressures		Pressures		Tool A.M.	
		Field Office		Field Office		Closed 7:41 P.M.	
Initial Hydrostatic -		2071		2081 2085		Reported Computed	
Flow Initial -		8		28 27		Minutes Minutes	
Flow Final -		8		28 27		3 4	
Closed in -		1750		1756 1762		45 44	
Flow Initial -		15		28 36		60 61	
Flow Final -		26		38 42		90 89	
Closed in -		1674		1679 1685			
Flow Initial -							
Flow Final -							
Closed in -							
Final Hydrostatic -		2071		2081 2085			

Legal Location  
Sec. - Twp. - Rng.

11 - 24 - 49

LEASE KANCH

Lease Name

32-11

3

Well No.

S.W. LAMAR

4444' - 4460'

Tested Interval

County

BENT

State

COLORADO

COLORADO OIL COMPANY

Lease Owner/Company Name



	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub .....	5 1/2"	2.5"	1'	
Water Cushion Valve .....				
Drill Pipe .....	3 1/2"	2.602"	3902'	
Drill Collars .....	6 1/4"	2.25"	510'	
Handling Sub & Choke Assembly .....				
Dual CIP Valve .....				
Dual CIP Sampler .....	5"	.87"	7'	
Hydro-Spring Tester .....	5"	.75"	5'	4419'
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5"	3.06"	4'	4423'
Hydraulic Jar .....	5"	.87"	5'	
VR Safety Joint .....	5"	1"	3'	
Pressure Equalizing Crossover .....				
Packer Assembly .....	5"	1.53"	5'	4439'
Distributor .....				
Packer Assembly .....	5"	1.53"	5'	4444'
Flush Joint Anchor .....				
Pressure Equalizing Tube .....				
Blanked-Off B.T. Running Case .....				
Drill Collars .....				
Anchor Pipe Safety Joint .....				
Packer Assembly .....				
Packer Assembly .....				
Anchor Pipe Safety Joint .....				
Side Wall Anchor .....				
Drill Collars .....				
Flush Joint Anchor .....	5"	3.8"	8'	
Blanked-Off B.T. Running Case .....	5"	2.44"	4'	4456'

Gauge No. 534			Depth 4423'			Clock No. 3225			12 hour	Ticket No. 524909					
First Flow Period			First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	8	.000		8	.000	15	.000		26					
1	.027	8	.0265		546	.0674	16	.0605		527					
2			.0530		1060	.1348	18	.1210		1092					
3			.0795		1338	.2021	20	.1815		1344					
4			.1060		1500	.2695	23	.2420		1469					
5			.1325		1592	.3369	25	.3025		1542					
6			.1590		1649	.4110	26*	.3630		1587					
7			.1855		1684			.4235		1619					
8			.2120		1709			.4840		1643					
9			.2385		1727			.5445		1660					
10			.2650		1740			.5980		1674**					
11			.2920		1750										
12															
13															
14															
15															

Gauge No. 533			Depth 4456'			Clock No. 10287			12hour						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	27	.000		27	.000	36	.000		42					
1	.029	27	.0266		550	.0677	31	.0607		532					
2			.0532		1062	.1354	34	.1214		1106					
3			.0798		1345	.2031	36	.1821		1359					
4			.1064		1514	.2708	38	.2428		1484					
5			.1330		1608	.3385	40	.3035		1555					
6			.1596		1661	.4130	42*	.3642		1600					
7			.1862		1697			.4249		1632					
8			.2128		1721			.4856		1655					
9			.2394		1739			.5463		1673					
10			.2660		1751			.6000		1685**					
11			.2930		1762										
12															
13															
14															
15															
Redding Interval			4			10			9						Minutes

REMARKS: \*Last interval equal to 11 minutes \*\*Last interval equal to 8 minutes