

02433754

FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure <u>315</u> P.S.I.G. at Surface				4-8-72		524908	
Recovery: Cu. Ft. Gas _____				Kind of Job <u>STRADDLE</u>		Halliburton District <u>LIBERAL</u>	
cc. Oil _____				Tester <u>E. H. THOMAS</u>		Witness <u>D. MARDEN</u>	
cc. Water <u>2200</u>				Drilling Contractor <u>DAVIS DRILLING COMPANY</u> SM S			
cc. Mud _____				EQUIPMENT & HOLE DATA			
Tot. Liquid cc. <u>2200</u>				Formation Tested <u>Atoka</u>			
Gravity _____ ° API @ _____ ° F.				Elevation <u>3833'</u> Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				Net Productive Interval <u>9'</u> Ft.			
RESISTIVITY CHLORIDE CONTENT				All Depths Measured From <u>Kelly bushing</u>			
Recovery Water <u>.09</u> @ <u>73</u> ° F. <u>60,000</u> ppm				Total Depth <u>4314'</u> Ft.			
Recovery Mud _____ @ _____ ° F.				Main Hole/Casing Size <u>8 3/4"</u>			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Collar Length <u>510'</u> I.D. <u>2.25"</u>			
Mud Pit Sample _____ @ _____ ° F.				Drill Pipe Length <u>3750'</u> I.D. <u>2.764"</u>			
Mud Pit Sample Filtrate _____ @ _____ ° F. <u>450</u> ppm				Packer Depth(s) <u>4275-4280-4289'</u> Ft.			
Mud Weight <u>9.1</u> vis <u>38</u> cp				Depth Tester Valve <u>4251'</u> Ft.			
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion				Ft.		Bottom Choke <u>5/8"</u>	
Recovered		<u>555</u> Feet of		gas in drill pipe			
Recovered		<u>240</u> Feet of		heavy gas cut and oil specked mud			
Recovered		<u>120</u> Feet of		heavy gas cut, oil specked watery mud			
Recovered		<u>120</u> Feet of		gas cut muddy water INITIAL CLOSED IN PRESSURE MISSED			
Recovered		<u>2017</u> Feet of		water FINAL CLOSED IN PRESSURE QUESTIONABLE DUE TO LEAKAGE.			
Remarks Tool opened for 3 minute first flow with a good blow. Closed tool for 47 minute first closed in pressure. (MISSED) Tool reopened with fair blow decreasing to dead in 30 minutes, bypassed tool and slid tool 3' deeper with a good blow for 88 minutes. Slid tool 6' on initial try to bottom. Closed tool for 88 minute second closed in pressure. SEE PRODUCTION TEST							
TEMPERATURE		Gauge No. <u>534</u>		Gauge No. <u>533</u>		Gauge No. <u>513</u> DATA SHEET TIME	
		Depth: <u>4255</u> Ft.		Depth: <u>4259</u> Ft.		Depth: <u>4310</u> Ft.	
Est. ° F.		12 Hour Clock		12 Hour Clock		12 Hour Clock	
		Blanked Off <u>no</u>		Blanked Off <u>no</u>		Blanked Off <u>yes</u>	
Actual <u>125</u> ° F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		<u>2017</u> <u>2035</u>		<u>-</u> <u>2031</u>		<u>-</u> <u>2058</u>	
First Period Flow Initial		<u>-</u> <u>53</u>		<u>-</u> <u>54</u>		<u>-</u> <u>-</u>	
Final		<u>-</u> <u>62</u>		<u>-</u> <u>63</u>		<u>-</u> <u>-</u>	
Closed in		<u>-</u> <u>Missed</u>		<u>-</u> <u>Missed</u>		<u>-</u> <u>-</u>	
Second Period Flow Initial		<u>311</u> <u>343</u>		<u>-</u> <u>347</u>		<u>-</u> <u>-</u>	
Final		<u>839</u> <u>844</u>		<u>-</u> <u>845</u>		<u>-</u> <u>Hydrostatic</u>	
Closed in		<u>1559</u> <u>1569</u>		<u>-</u> <u>1572</u>		<u>-</u> <u>release</u>	
Third Period Flow Initial		<u>-</u> <u>-</u>		<u>-</u> <u>-</u>		<u>-</u> <u>1809</u>	
Final		<u>-</u> <u>-</u>		<u>-</u> <u>-</u>		<u>-</u> <u>-</u>	
Closed in		<u>-</u> <u>-</u>		<u>-</u> <u>-</u>		<u>-</u> <u>-</u>	
Final Hydrostatic		<u>2017</u> <u>1999</u>		<u>-</u> <u>1999</u>		<u>-</u> <u>1998</u>	
*See remarks							

Legal Location
Sec. - Twp. - Rng.SNIEFF RANCH
Lease Name32-11
Well No.2
Test No.4280-4289'
Tested Interval

County BENT

State COLORADO

COLOREADO OIL COMPANY
Lease Owner/Company Name

Gauge No. 534			Depth 4255'			Clock No. 10287			12 hour	Ticket No. 524908					
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	53				.000	??	.000		844					
1	.016	62	MISSED			.211	343 *	.0541		1287					
2								.1082		1382					
3						.000	343	.1623		1431					
4						.0733	356	.2164		1469					
5						.1466	445	.2705		1488					
6						.2199	533	.3246		1506					
7						.2932	606	.3787		1518					
8						.3665	673	.4328		1536					
9						.4398	736	.4869		1546					
10						.5131	795	.5410		1569					
11						.5860	844	.5950		1569					
12															
13															
14															
15															

Gauge No. 533			Depth 4259'			Clock No. 3225			12 hour					
0	.000	54				.000	??		.000		845			
1	.017	63	MISSED			.213	347 *		.0531		1295			
2									.1062		1388			
3						.000	347		.1593		1433			
4						.0723	356		.2124		1472			
5						.1446	445		.2655		1489			
6						.2169	535		.3186		1509			
7						.2892	608		.3717		1523			
8						.3615	675		.4248		1538			
9						.4338	737		.4779		1548			
10						.5061	795		.5310		1573			
11						.5780	845		.5840		1572			
12														
13														
14														
15														
Reading Interval			11			8			Minutes					

REMARKS: *First 32 minute of flow not segmented - see remarks.

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	5½"	2.5"	1'	
Water Cushion Valve				
Drill Pipe	3½"	2.764"	3750'	
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'	4251'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5 "	3.06"	4'	4255'
Hydraulic Jar	5"	.87"	5'	
VR Safety Joint	5"	1.0"	3'	
Pressure Equalizing Crossover				
Packer Assembly	5 x 7½"	1.53"	5'	4275'
Distributor				
Packer Assembly	5 x 7½"	1.53"	5'	4280'
Flush Joint Anchor	5"	3.06"	5'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly	5 x 7½"	1.53"	5'	4289'
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	3.06"	16'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	4310'

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 524908
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

[illegible]