

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	STRADDLE OPEN HOLE		
cc. Oil _____				Halliburton District	LIBERAL		
cc. Water <u>2200</u>				Tester	E. H. THOMAS		
cc. Mud _____				Witness	D. MARDEN		
Tot. Liquid cc. <u>2200</u>				Drilling Contractor	DAVIS DRILLING COMPANY SM S		
Gravity _____ ° API @ _____ °F.				EQUIPMENT & HOLE DATA			
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested	Atoka		
RESISTIVITY _____ CHLORIDE CONTENT _____				Elevation	<u>3833'</u> Ft.		
Recovery Water <u>.09</u> @ <u>73</u> °F. <u>60,000</u> ppm				Net Productive Interval	<u>9'</u> Ft.		
Recovery Mud _____ @ _____ °F.				All Depths Measured From	Kelly bushing		
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Total Depth	<u>4314'</u> Ft.		
Mud Pit Sample _____ @ _____ °F.				Main Hole/Casing Size	<u>8 3/4"</u>		
Mud Pit Sample Filtrate _____ @ _____ °F. <u>450</u> ppm				Drill Collar Length	<u>510'</u>	I.D. <u>2.25"</u>	
Mud Weight <u>9.1</u> vis <u>38</u> cp				Drill Pipe Length	<u>3750'</u>	I.D. <u>2.764"</u>	
				Packer Depth(s)	<u>4275-4280-4289'</u> Ft.		
				Depth Tester Valve	<u>4251'</u> Ft.		
Cushion				Surface Choke	<u>1/4"</u>		
				Bottom Choke	<u>5/8"</u>		
Recovered <u>555</u> Feet of gas in drill pipe				Meas. From Tester Valve			
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	Tool Opened <u>5:12</u> A.M. P.M.		
		Blanked Off <u>no</u>	Blanked Off <u>no</u>	Blanked Off <u>yes</u>	Tool Closed <u>9:30</u> A.M. P.M.		
Actual <u>125</u> °F.		Pressures		Pressures		Reported	
		Field	Office	Field	Office	Minutes	
Initial Hydrostatic		<u>2017</u>	<u>2035</u>	-	<u>2031</u>	-	Computed
Flow Initial		-	<u>53</u>	-	<u>54</u>	-	Minutes
Flow Final		-	<u>62</u>	-	<u>63</u>	-	Minutes
Closed in		-	Missed	-	Missed	<u>45</u>	Minutes
Flow Initial		<u>311</u>	<u>343</u>	-	<u>347</u>	-	Minutes
Flow Final		<u>839</u>	<u>844</u>	-	<u>845</u>	-	Minutes
Closed in		<u>1559</u>	<u>1569</u>	-	<u>1572</u>	Hydrostatic release	Minutes
Flow Initial		-	-	-	<u>1809</u>	-	Minutes
Flow Final		-	-	-	-	-	Minutes
Closed in		-	-	-	-	-	Minutes
Final Hydrostatic		<u>2017</u>	<u>1999</u>	-	<u>1999</u>	-	Minutes
*See remarks							

Legal Location Sec. - Twp. - Rng. SNIEFF RANCH
 Lease Name Well No. 32-11
 Test No. 2
 Tested Interval 4280-4289'
 County BENT
 State COLORADO
 Lease Owner/Company Name COLORADO OIL COMPANY
 11 24 49 S. W. TAMAR

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"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	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			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.		
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'

