

FLUID SAMPLE DATA				Date 7-24-77		Ticket Number 162291	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water 2100 cc. Mud _____ Tot. Liquid cc. 2100 Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT Recovery Water .83 @ 85 °F. _____ ppm Recovery Mud _____ @ _____ °F. _____ ppm Recovery Mud Filtrate _____ @ _____ °F. _____ ppm Mud Pit Sample 1.60 @ 85 °F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm Mud Weight _____ vis _____ sec				Kind of Job OPEN HOLE Tester MR. DAVIS Drilling Contractor FOUR - CORNERS DRILLING COMPANY BJS Equipment & Hole Data Formation Tested Dakota Elevation 6371' Ft. Net Productive Interval 4306' 4316' (10') Ft. All Depths Measured From Kelly Bushing Total Depth 4316' Ft. Main Hole/Casing Size 8 3/4" Drill Collar Length 605' I.D. 2.25" Drill Pipe Length 3760' I.D. 3.826" Packer Depth(s) 4300' 4306' Ft. Depth Tester Valve 4281' Ft.		Halliburton District FARMINGTON Witness MR. HOLLINGSWORTH	
TYPE AMOUNT Cushion _____ Ft. Depth Back Pres. Valve _____ Surface Choke 3/4" Bottom Choke 3/4"							
Recovered 758' Feet of water.				Field Area Meo. From Tester Valve WILDCAT County SAN JUAN State NEW MEXICO			
Recovered _____ Feet of							
Recovered _____ Feet of							
Recovered _____ Feet of							
Recovered _____ Feet of							
Remarks SEE PRODUCTION TEST DATA SHEET....							
TEMPERATURE		Gauge No. 2033 Depth: 4290' Ft.	Gauge No. 2032 Depth: 4312' Ft.	Gauge No. _____ Depth: _____ Ft.	TIME		
Est. 126 °F.		24 Hour Clock Blanked Off NO	12 Hour Clock Blanked Off YES	Hour Clock Blanked Off _____	Tool _____ A.M. Opened 0530 P.M. Opened _____ A.M. Bypass 0915 P.M.		
Actual _____ °F.		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	Reported Minutes
Initial Hydrostatic	2032	2008	2002	2019			Computed Minutes
First Period Flow	Initial	53	29	40	49		
	Final	119	92	106	106	15	15
	Closed in	1913	1934	1910	1945	30	30
Second Period Flow	Initial	119	118	106	128		
	Final	385	356	225	362	60	60
	Closed in	1939	1940	1923	1952	120	119
Third Period Flow	Initial						
	Final						
Final Hydrostatic	2032	1980	2002	1989			

SANTA FE LEGGS

Lease Name

Well No. **1**Test No. **1**

4306' to 4316'

DOMO PETROLEUM COMPANY

Lease Owner/Company Name

Casing perf. _____ Bottom choke 3/4" Surf. temp. _____ °F Ticket No. 162291
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

Gauge No. 2033				Depth		4290		Clock No. 9756		24 hour		Ticket No. 162291	
First Flow Period		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"	$\text{Log } t + \frac{\theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } t + \frac{\theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } t + \frac{\theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.
0	.0000	29	.0000	92	.0000	118	.0000	.0000	356				
1	.0104	29	.0067	1604	.0335	156	.0234*		1742				
2	.0208	44	.0134	1761	.0670	206	.0502		1813				
3	.0312	60	.0202	1807	.1005	255	.0769		1848				
4	.0406	78	.0269	1841	.1340	293	.1037		1870				
5	.0520	92	.0337	1864	.1675	325	.1304		1885				
6			.0404	1877	.2010	356	.1572		1896				
7			.0471	1890			.1839		1905				
8			.0538	1900			.2107		1912				
9			.0606	1908			.2374		1918				
10			.0673	1913			.2642		1922				
11			.0740	1918			.2909		1928				
12			.0808	1924			.3177		1832				
13			.0875	1929			.3444		1936				
14			.0942	1932			.3712		1939				
15			.1010	1934			.3980		1940				

Gauge No. 2032		Depth		4312		Clock No. 10445		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } t + \frac{\theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } t + \frac{\theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.
0	.0000	49	.0000	106	.0000	128	.0000	362	
1	.0214	49	.0137	1667	.0690	128	.0482*	1755	
2	.0428	58	.0275	1807	.1380	216	.1034	1825	
3	.0642	73	.0412	1824	.2070	265	.1585	1860	
4	.0856	90	.0549	1853	.2760	303	.2136	1880	
5	.1070	106	.0687	1876	.3450	335	.2687	1896	
6			.0824	1889	.4140	362	.3238	1907	
7			.0961	1901			.3790	1916	
8			.1098	1912			.4341	1924	
9			.1236	1920			.4892	1929	
10			.1373	1925			.5443	1933	
11			.1510	1931			.5994	1939	
12			.1648	1936			.6546	1943	
13			.1785	1940			.7097	1945	
14			.1922	1943			.7648	1949	
15			.2060	1945			.8200	1952	

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6			.0824	1889	.4140	362	.3238	1907	
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3	.0642	73	.0412	1824	.2070	265	.1585	1860	
4	.0856	90	.0549	1853	.2760	303	.2136	1880	
5	.1070	106	.0687	1876	.3450	335	.2687	1896	
6			.0824	1889	.4140	362	.3238	1907	
7			.0961	1901			.3790	1916	
8			.1098	1912			.4341	1924	
9			.1236	1920			.4892	1929	
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6			.0824	1889	.4140	362	.3238	1907	
7			.0961	1901			.3790	1916	
8			.1098	1912			.4341	1924	
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0	.0000	49	.0000	106	.0000	128	.0000	362	
1									

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	3"	1'	
Reversing Sub				
Water Cushion Valve	4.50"	3.826"	3760'	
Drill Pipe	6"	2.25"	605'	
Drill Collars				
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.75"	6'	4276'
Dual CIP Sampler	5"	.75"	5'	4281'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4290'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7.75"	1.50"	6'	4300'
Distributor				
Packer Assembly	7.75"	1.50"	6'	4306'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5.75"	2.50"	5'	
Blanked-Off B.T. Running Case	5.75"	3"	4'	4312'
Total Depth				4316'

