

FLUID SAMPLE DATA				Date 9-5-80		Ticket Number 880239	
Sampler Pressure <u>1300</u> P.S.I.G. at Surface Recovery: Cu. Ft. Gas <u>7.495</u> cc. Oil <u>50</u> Condensate cc. Water <u>500</u> cc. Mud _____ Tot. Liquid cc. <u>550</u>				Kind of D.S.T. <u>OPEN HOLE</u>		Halliburton Location <u>ARTESIA</u>	
Gravity _____ ° API @ _____ °F.				Tester <u>MR. PEPPERS</u>		Witness <u>MR. BRAISER</u>	
Gas/Oil Ratio _____ cu. ft./bbl.				Drilling Contractor <u>HONDO DRILLING COMPANY #5</u>		bc	
EQUIPMENT & HOLE DATA							
Recovery Water _____ @ _____ °F. _____ ppm				Formation Tested <u>Cisco Canyon</u>			
Recovery Mud _____ @ _____ °F. _____ ppm				Elevation _____ 3280' _____ Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Net Productive Interval _____ 20' _____ Ft.			
Mud Pit Sample _____ @ _____ °F. <u>39,373</u> ppm				All Depths Measured From <u>Kelly Bushing</u>			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Total Depth _____ 8140' _____ Ft.			
Mud Weight <u>9.6</u> vis <u>29</u> sec.				Main Hole/Casing Size <u>7 7/8"</u>			
				Drill Collar Length _____ 655' I.D. <u>2.25"</u>			
				Drill Pipe Length _____ 7427' I.D. <u>3.826"</u>			
				Packer Depth(s) <u>8112' - 8120'</u> _____ Ft.			
				Depth Tester Valve <u>8094'</u> _____ Ft.			
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve <u>8118'</u>	Surface Choke <u>3/8" & 1/2"</u>	Bottom Choke <u>.75"</u>	
Distributor Valve							
Recovered		Feet of					
Recovered		3516	Feet of	Gas cut salt water			
Recovered		3961	Feet of	Gas cut drilling fluid			
Recovered		Feet of	TOP	60,000			
Recovered		Feet of	MIDDLE	33,750			
Recovered		Feet of	BOTTOM	39,373			
Remarks <u>Reversed out 50 barrels of gas cut salt water with a trace of condensate</u>							
<u>with a sulphur odor. Reversed out 55 barrels of gas cut drilling fluid. Gas</u>							
<u>to surface in 45 minutes of final flow period. SEE PRODUCTION TEST DATA SHEET.</u>							
TEMPERATURE		Gauge No. <u>1114</u>	Gauge No. <u>1113</u>	Gauge No. _____		TIME (00:00-24:00 hrs.)	
Depth: <u>8098'</u> _____ Ft.		Depth: <u>8136'</u> _____ Ft.		Depth: _____ Ft.			
24 Hour Clock		24 Hour Clock		Hour Clock		Tool	
Est. _____ °F.	Blanked Off <u>NO</u>	Blanked Off <u>YES</u>	Blanked Off _____		Opened <u>0515</u>		
Actual <u>147</u> °F.	Pressures		Pressures		Bypass <u>1530</u>		
	Field	Office	Field	Office	Field	Office	Reported
Initial Hydrostatic	3997	3996.8	4000	4007.2			Minutes
First Period Flow	Initial	1947	1885.5	1862	1916.0		Minutes
	Final	1915	1912.2	1898	1912.4		
Closed in	3111	3106.0	3100	3100.3			15 18
Second Period Flow	Initial	1994	1993.7	2005	1991.0		60 60
	Final	1398	1345.3	1365	1345.8		
	Closed in	3111	3110.7	3100	3109.3		180 187
Third Period Flow	Initial						360 350
	Final						
Closed in							
Final Hydrostatic	3997	3996.8	4000	4007.2			

Legal Location

Lease Name

33 - 20S - 26E

1-33

2

8120' - 8140'

Tasted Interval

County

EDDY

State

NEW MEXICO

Lease Owner/Company Name

JAKE L. HAMON