

FEDERAL

Lease Name

Well No.

Test No.

Tested Interval

Lease Owner/Company Name

7490' - 7550'

DEPCO, INCORPORATED

Legal Location
Sec. - Twp. - Rng.

19 - 15S - 28E

Field Area

BUFFALO VALLEY

County

CHAVES

State

NEW MEXICO

FLUID SAMPLE DATA				Date 6-26-73		Ticker Number 387525	
Sampler Pressure 0 P.S.I.G. at Surface				Kind of Job OPEN HOLE		Holliburton District ARTESIA	
Recovery: Cu. Ft. Gas 0				Tester MR. RYAN		Witness MR. BRAZELL	
cc. Oil 2000				Drilling Contractor W.E.K. DRILLING COMPANY		BC S	
cc. Water 2000				EQUIPMENT & HOLE DATA			
cc. Mud 2000				Formation Tested Canyon			
Tot. Liquid cc. 2000				Elevation 3636' Ft.			
Gravity ° API @ ° F.				Net Productive Interval 11' Ft.			
Gas/Oil Ratio cu. ft./bbl.				All Depths Measured From Kelly Drive Bushing			
RESISTIVITY CHLORIDE CONTENT				Total Depth 7550' Ft.			
Recovery Water @ ° F. ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud @ ° F. ppm				Drill Collar Length 630' I.D. 2.25"			
Recovery Mud Filtrate @ ° F. ppm				Drill Pipe Length 6856' I.D. 3.826"			
Mud Pit Sample @ ° F. ppm				Packer Depth(s) 7484' - 7490' Ft.			
Mud Pit Sample Filtrate @ ° F. ppm				Depth Tester Valve 7467' Ft.			
Mud Weight 9.1 vis 36 cp							
TYPE		AMOUNT		Depth Back Surface		Bottom	
Cushion				Ft. Pres. Valve		Choke 1" ADJ. Choke 3/4"	
Recovered 225		Feet of		Gas cut drilling mud			
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks Tool opened for a 19 minute first flow with a very weak blow. Closed tool							
for 88 minute first closed in pressure. Reopened tool for 92 minute second flow							
with a very, very weak blow. Closed tool for 181 minute second closed in							
pressure.							
TEMPERATURE		Gauge No. 512		Gauge No. 113		Gauge No.	
Depth:		7473' Ft.		7546' Ft.		Ft.	
Est. ° F.		12 Hour Clock		24 Hour Clock		Hour Clock	
Blanked Off No		Blanked Off Yes		Blanked Off		Tool A.M.	
Actual 120 ° F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		3535 3522		3578 3556		Reported Computed	
Flow Initial		54 49		67 81		Minutes Minutes	
Flow Final		67 66		81 101		20 19	
Closed in		2191 2200		2212 2229		90 88	
Flow Initial		108 101		135 139		90 92	
Flow Final		135 147		162 179		180 181	
Closed in		2005 2008		2040 2041			
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		3535 3510		3578 3548			

RECEIVED

JUL 30 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO