

WILLOW LAKE

Lease Name

3

Well No.

1

Test No.

11,340' - 11,450'

Tested Interval

AMINOIL COMPANY U.S.A.

Lease Owner/Company Name

Legal Location
Sec. - Twp. - Rng.

15 - 24 - 28

Field Area

MALGA MORROW

County

EDDY

State

NEW MEXICO

FLUID SAMPLE DATA				Date 2-16-78		Ticket Number 138939	
Sampler Pressure 1150 P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District ARTESIA	
Recovery: Cu. Ft. Gas _____				Tester MITCH LEE		Witness THOMAS	
cc. Oil _____				Drilling Contractor PARKER DRILLING COMPANY NM S			
cc. Water BRINE 1900 C C				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested Strawn			
Tot. Liquid cc. 1900				Elevation 3007' Ft.			
Gravity _____ * API @ _____ * F.				Net Productive Interval 80' Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing - 20'			
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 11,450' Ft.			
Recovery Water @ _____ * F. 91,325 ppm				Main Hole/Casing Size 8 1/2"			
Recovery Mud @ _____ * F. _____ ppm				Drill Collar Length 570' I.D. 2"			
Recovery Mud Filtrate @ _____ * F. _____ ppm				Drill Pipe Length 10,734' I.D. 3.826:			
Mud Pit Sample @ _____ * F. 14,050 ppm				Packer Depth(s) 11,334' - 11,340' Ft.			
Mud Pit Sample Filtrate @ _____ * F. _____ ppm				Depth Tester Valve 11,317' Ft.			
Mud Weight 12.2 vis ?? sec				Cushion TYPE AMOUNT			
				Cushion WATER 2000' Depth Back Pres. Valve NONE Surface Choke 3/8" Bottom Choke .75"			
Recovered 2030' Feet of fresh water				RECEIVED APR 18 1978 D.C.C. ARTESIA, OFFICE			
Recovered 840' Feet of gas cut brine water							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Remarks Gas to the surface in 41 minutes. No water cushion back to the surface... SEE PRODUCTION TEST DATA SHEET...							
TEMPERATURE		Gauge No. 5099	Gauge No. 1306	Gauge No.	TIME		
Depth: 11,322' Ft.		Depth: 11,446' Ft.	Depth: _____ Ft.	Tool _____ A.M.			
48 Hour Clock		48 Hour Clock	Hour Clock	Opened 05:00 P.M.			
Est. 170 * F.		Blanked Off NO	Blanked Off YES	Bypass 12:12 P.M.			
Actual * F.		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	Reported Minutes
Initial Hydrostatic	7377	7205	7403	7291			Computed Minutes
First Period Flow	Initial	990	891	977	990		
	Final	1121	1013	1042	1049		
	Closed in	7182	7198	7211	7256		
Second Period Flow	Initial	1186	1094	1172	1168		
	Final	1316	1349	1366	1388		
	Closed in	7182	7208	7275	7272		
Third Period Flow	Initial						
	Final						
	Closed in						
Final Hydrostatic	7312	7192	7275	7259			