FLUID SAMPLE DATA

Sampler Pressure 460 P.S.I.G. at Surface

Recovery: Cu. Ft. Gas

cc. Oil

cc. Water 2300

cc. Mud

Tot. Liquid cc. 2300

Gravity ° API @ °F.

Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@ °F.		ppm
Recovery Mud	@ °F.		ppm
Recovery Mud Filtrate	@ °F.		ppm
Mud Pit Sample	@ °F.		ppm
Mud Pit Sample Filtrate	@ °F.		ppm

Mud Weight 9.3 vis 67 SEC. ~~cp~~

Date 7-6-79 Ticket Number 604312

Kind of Job OPEN HOLE Halliburton District HOBBS

Tester WAYNE FLETCHER / BUB THURMAN Witness TOM WELCH / RAY ELMS

Drilling Contractor WARTON DRILLING COMPANY SM

EQUIPMENT & HOLE DATA

Formation Tested Morrow

Elevation 3188' Ft.

Net Productive Interval 30' Ft.

All Depths Measured From Kelly bushing

Total Depth 12927' Ft.

Main Hole/Casing Size 7 7/8"

Drill Collar Length 343' I.D. 2 1/4"

Drill Pipe Length 12274' I.D. 3.826"

Packer Depth(s) 12634-12640' Ft.

Depth Tester Valve 12593' Ft.

Cushion TYPE water AMOUNT 2000', 2500 PSI Ft. Depth Back Pres. Valve Surface Choke 1" adj. Bottom Choke 3/4"

nitrogen

Recovered 1981 Feet of water

Recovered 495 Feet of mud

Recovered 220 Feet of formation water

Recovered Feet of

Recovered Feet of

Remarks SEE PRODUCTION TEST DATA SHEET

Meas. From Tester Valve

TEMPERATURE	Gauge No. 1496		Gauge No. 1516		Gauge No.		TIME
	Depth: 12619 Ft.		Depth: 12922 Ft.		Depth: Ft.		Tool Opened 2213 A.M. P.M.
	24 Hour Clock		24 Hour Clock		Hour Clock		Opened A.M.
Est. 187 °F.	Blanked Off no		Blanked Off yes		Blanked Off		Bypass 0635 P.M.
Actual °F.	Pressures		Pressures		Pressures		
	Field	Office	Field	Office	Field	Office	Reported Minutes / Computed Minutes
Initial Hydrostatic	6226	6248.3	6287	6406.5			— / —
First Period Flow Initial	4169	4167.4	4198	4263.6			125 / 126
First Period Flow Final	1017	1033.1	1122	1148.7			93 / 94
First Period Closed in	3634	3601.3	3676	3717.3			— / —
Second Period Flow Initial	973	997.7	1079	1107.7			105 / 106
Second Period Flow Final	1106	1121.6	1209	1237.0			180 / 178
Second Period Closed in	3768	3755.0	3807	3871.7			— / —
Third Period Flow Initial							
Third Period Flow Final							
Third Period Closed in							
Final Hydrostatic	6181	6145.4	6243	6269.5			— / —

Legal Location Sec. - Twp. - Rng. 30 14 36 E

Lease Name HANNAH

Well No. 1

Test No. 2

Field Area NORTH LOVINGTON

Tested Interval 12640 - 12927'

County LEA

State NEW MEXICO

Lease Owner/Company Name ANTARES OIL CORPORATION

FORMATION TEST DATA