FLUID SAMPLE DATA

Date	2-3-77	Ticket Number	777686
Kind of Job	OPEN HOLE	Halliburton District	ARTESIA
Tester	MR. HARTLEY	Witness	MR. O'BRIANT
Drilling Contractor	MORANCO RIG #8		BC S

Sampler Pressure 350 P.S.I.G. at Surface

Recovery: Cu. Ft. Gas 1/10

cc. Oil

cc. Water 2500

cc. Mud

Tot. Liquid cc. 2500

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 9.4 vis Brine cp

EQUIPMENT & HOLE DATA

Formation Tested	Wolfcamp		
Elevation	3355'		Ft.
Net Productive Interval	35'		Ft
All Depths Measured From	Kelly Bushing 18' AGL		
Total Depth	8390'		Ft
Main Hole/Casing Size	7 7/8"		
Drill Collar Length	739'	I.D. 2.25"	
Drill Pipe Length	7569'	I.D. 3.826"	
Packer Depth(s)	8342' - 8348'		Ft.
Depth Tester Valve	8308'		Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choke 16/64" Pos. Bottom Choke None

Recovered	30	Feet of	Drilling mud
Recovered	5200	Feet of	Sulphur water
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	

Meas. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET.

TEMPERATURE	Gauge No. 1113 Depth: 8326' Ft.	Gauge No. 1114 Depth: 8385' Ft.	Gauge No. Depth: Ft.	TIME
	24 Hour Clock	24 Hour Clock	Hour Clock	Tool Opened 1238 A.M. P.M.
Est. °F.	Blanked Off No	Blanked Off Yes	Blanked Off	Opened Bypass 0603 A.M. P.M.
Actual 128 °F.	Pressures	Pressures	Pressures	

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		4023	4070	4103	4104				
First Period	Flow Initial	140	250	142	409			—	—
	Flow Final	1519	1500	1559	1541			25	23
	Closed in	3164	3187	3231	3217			90	89
Second Period	Flow Initial	1519	1530	1559	1577			—	—
	Flow Final	2342	2370	2377	2395			30	30
	Closed in	3164	3189	3231	3219			180	183
Third Period	Flow Initial							—	—
	Flow Final								
	Closed in								
Final Hydrostatic		4023	4049	4103	4084			—	—

Legal Location Sec. - Twp. - Rng. 18 - 18S - 29E

Lease Name TRAVIS DEEP UNIT

Field Area WILDCAT

Tested Interval 8348' - 8390'

County EDDY

State NEW MEXICO

HARVEY E. YATES COMPANY