FLUID SAMPLE DATA

Date	2-21-77	Ticket Number	777597
Kind of Job	OPEN HOLE	Halliburton District	ARTESIA
Tester	RUSK	Witness	O'BRIENT
Drilling Contractor	MORANCO RIG # 8		NM S

Sampler Pressure 150 P.S.I.G. at Surface

Recovery: Cu. Ft. Gas 1.310
cc. Oil
cc. Water
cc. Mud 1400 MUD
Tot. Liquid cc. 1400

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.	68,000	ppm

Mud Weight 9.4 vis 40 cp

EQUIPMENT & HOLE DATA

Formation Tested	Morrow	
Elevation	3355'	Ft
Net Productive Interval	12'	Ft.
All Depths Measured From	Kelly Bushing 18' AGL	
Total Depth	10,960'	Ft.
Main Hole/Casing Size	7 7/8"	
Drill Collar Length	609' I.D. 2.5"	
Drill Pipe Length	10,271' I.D. 3.826"	
Packer Depth(s)	10,851' - 10,857'	Ft
Depth Tester Valve	10,834'	Ft.

Cushion TYPE	AMOUNT	Ft.	Depth Back Pres. Valve	Surface Choke	Bottom Choke
	NONE		NONE	1" ADJ.	.75"

Recovered 543' Feet of drilling mud - slightly gas cut

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Remarks SEE PRODUCTION TEST DATA SHEET...

Q =QUESTIONABLE.

UTR = UNABLE TO READ..

TEMPERATURE	Gauge No. 1639 Depth: 10,838' Ft.		Gauge No. 1638 Depth: 10,955' Ft.		Gauge No. Depth: Ft.		TIME
	48 Hour Clock		24 Hour Clock		Hour Clock		Tool Opened 10:30 A.M. P.M.
Est. °F.	Blanked Off NO		Blanked Off YES		Blanked Off		
Actual 152 °F.	Pressures		Pressures		Pressures		Opened Bypass 16:10 A.M. P.M.
	Field	Office	Field	Office	Field	Office	Reported Minutes / Computed Minutes
Initial Hydrostatic	UTR	5401-Q	5445	5409			
First Period Flow Initial	87.2	70	132	131			— / —
First Period Flow Final	UTR	106	154	153			25 / 25
First Period Closed in	1350	1394	1415	1422			75 / 74
Second Period Flow Initial	174.3	200	220	290			— / —
Second Period Flow Final	217.9	236	242	266			60 / 61
Second Period Closed in	UTR	2843	2869	2860			180 / 179
Third Period Flow Initial							— / —
Third Period Flow Final							
Third Period Closed in							
Final Hydrostatic	UTR	5379-Q	5445	5398			

Legal Location Sec - Twp - Rng: 18 - 18 - 29

Test No: 3

Tested Interval: 10,857' - 10,960'

Field Area: WILDCAT

Meas. From Tester Valve

County: EDDY

State: NEW MEXICO

Lease Owner Company Name: HARVEY E. YATES