JOHNSTON
Schlumberger

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	0805	–	CLOSED
CLOSED FOR INITIAL SHUT-IN	0820	–	''
FINISHED SHUT-IN	1120	–	''
RE-OPENED TOOL	1121	–	''
CLOSED FOR FINAL SHUT-IN	1251	–	''
FINISHED SHUT-IN	1553	–	''
PULLED PACKER LOOSE	1554	–	–

Cushion Type	Amount	Pressure	Bottom Choke
	–		Size 5/8''

MUD DATA

Mud Type BRINE Wt. 10.0
Viscosity 28 Water Loss – C.C.
Resist. of Mud – @ – °F; of Filtrate – @ – °F
Chloride Content 158,000 PPM

EQUIPMENT & HOLE DATA

Type Test M. F. E. OPEN HOLE
Formation Tested –
Elevation 3017 K.B. Ft.
Net Productive Interval 22 Ft.
Estimated Porosity 18-20 %
All Depths Measured From KELLY BUSHING
Total Depth 6956 Ft.
Main Hole/Casing Size 8 3/4''
Rat Hole/Liner Size –
Drill Collar Length 500' I.D. 3''
Drill Pipe Length 6362' I.D. 3.8''
Packer Depth(s) 6894 & 6900 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure 0 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas –
cc. Oil –
cc. Water –
cc. Mud 2460
Tot. Liquid cc. 2460
Gravity – °API @ – °F.
Gas/Oil Ratio – cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	– @ – °F.	– ppm
Recovery Mud	.06 @ 60 °F.	
Recovery Mud Filtrate	– @ – °F.	136,000 ppm
Mud Pit Sample	– @ – °F.	
Mud Pit Sample Filtrate	– @ – °F.	158,000 ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
DRILLING FLUID	140	1.22				@ °F.	.06 @ 66 °F.	136,000
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: ''TELEFLOW TEST SYSTEM''

Address P. O. BOX 866; ODESSA, TEXAS 79760

Company DELTA DRILLING COMPANY Field WILD CAT
Well SO. CULEBRA BLUFF #1 Location 1980' FNL-1650 FEL-SEC.23-T23S-R23E
Test Interval 6900' TO 6956' Test # 1 Date 12-15-77

County EDDY State NEW MEXICO
Witnessed CLAYTON(HOBBS) Test Approved By MR. ELMER POPE

Field Report No. 05855 D
No. Reports Requested 5