



JOHNSTON
...found a better way

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool (10-1-70)	1903	-	1"
STRONG BLOW			
GAS	1905	-	"
	1912	400	"
CLOSED FOR INITIAL SHUT-IN	1913	-	"
FINISHED SHUT-IN	2028	-	"
RE-OPENED TOOL	2029	-	"
STRONG BLOW OF GAS			
MUD	2040	1000	1/4"
OIL	2043	1000	"
ESTIMATED GAS 1400 MCF/DAY			
2200 MCF/DAY	2100	1600	"
2500 MCF/DAY	2120	1800	"
CLOSED FOR SECOND SHUT-IN	2129	-	"
FINISHED SHUT-IN	2329	-	"
RE-OPENED TOOL	2330	-	"
STRONG BLOW OF GAS	2350	-	"
ESTIMATED GAS 3300 MCF/DAY (10-2-70)			
ESTIMATED GAS 5750 MCF/DAY	0005	800	1/2"
CLOSED FOR FINAL SHUT-IN	0031	-	"
FINISHED SHUT-IN	0601	-	"
PULLED PACKER LOOSE	0602	-	"

Cushion Type

Amount

Pressure

Bottom Choke

Size 5/8"

MUD DATA

Mud Type FRESH WATER GEL Wt. 9.3
Viscosity 39 Water Loss 20.2 C.C.
Resist. of Mud 0.85 @ 70 °F of Filtrate 0.85 @ 70 °F
Chloride Content 9000 PPM

EQUIPMENT & HOLE DATA

Type Test M. F. E. OPEN HOLE
Formation Tested STRAWN
Elevation - Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From KELLY BUSHING
Total Depth 10700 Ft.
Main Hole/Casing Size 7 7/8"
Rat Hole/Liner Size -
Drill Collar Length 576' I.D. 2.5"
Drill Pipe Length 10042' I.D. 3.8"
Packer Depth(s) 10644 & 10650 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure 1600 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 11
cc. Oil 200
cc. Water 700
cc. Mud -
Tot. Liquid cc. 900
Gravity 49.2 °API @ 60 °F.
Gas/Oil Ratio 8744 cu. ft./bbl.

RESISTIVITY

CHLORIDE
CONTENT

Recovery Water .1 @ 70 °F 70000 ppm
Recovery Mud - @ - °F
Recovery Mud Filtrate - @ - °F - ppm
Mud Pit Sample 0.85 @ 70 °F
Mud Pit Sample Filtrate 0.85 @ 70 °F 9000 ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
FREE OIL	560	7.95				49.2 @ 60 °F.	@ °F.	
GAS CUT SALT WATER	2064	24.64				@ °F.	.1 @ 70 °F.	70000
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

RECEIVED

DEC 22 1970

Remarks:

O. C. C.

ARTESIA, OFFICE

Address 3303 LEE PARKWAY; DALLAS, TEXAS; ATTN. MR. LARRY SHANNONCompany THE PETROLEUM CORPORATIONField WILD CATWell PETCO STATE #1-26Location -Test Interval 10650' TO 10700'Test # 3Date 10-1-70County EDDY State NEW MEXICOField Report No. 17109 B