

SURFACE INFORMATION					EQUIPMENT & HOLE DATA
		Pressure	Surface	,	Type Test M. F. E. OPEN HOLE
Description (Rate of Flow)	Time	(P.S.1.G.)	Choke		Formation TestedMORROW PENN
Opened Tool	0033	deri	CLOS	ED	Flevation - Ft.
VERY WEAK BLOW					Net Productive Interval 11 Ft.
CLOSED FOR INITIAL SHUT-IN	0048	-	"		Estimated Parasity - %
FINISHED SHUT-IN	0148	-	1		All Deaths Measured From KELLY BUSHING
RE-OPENED TOOL	0150	_	91	1	Total Depth 13290 KoBo Ft.
VERY FEW BUBBLES, BLOW					Main Hole/Casing Size 7 7/8"
SLIGHTLY INCREASING					
CLOSED FOR FINAL SHUT-IN	0320	•	*		Drill Collar Length 730° I.D. 2.75° Drill Pipe Length 12481° I.D. 3.80°
FINISHED SHUT-IN	0620	-		1	Drill Pipe Length12481' I.D3.80''
PULLED PACKER LOOSE	0 629		- -	<u>'</u>	Packer Depth(s) 13232 & 13238 Ft.
					MULTI-FLOW EVALUATOR FLUID SAMPLE DATA Sampler Pressure 1050 P.S.I.G. at Surface
					Recovery: Cu. Ft. Gas 2.5
					cc. Oil
					cc. Water
	_				cc. Mud 2000 (SLIGHTLY OIL, GAS CUT
					Tot. Liquid cc. 2000
	<u> </u>				Gravity°F.
	<u> </u>				Gas/Oil Ratio cu. ft./bbl.
	_			\dashv	RESISTIVITY CHLORIDE CONTENT
Cushion Type Amount	Pressur	re l	Bottom Chol		Recovery Water @ °F ppm
WATER . 3000'		Siz	_e 5/8"		
MUD DATA					Recovery Mud — @ — °F. Recovery Mud Filtrate — @ — °F. 500 ppm
10.0					
Mud Type FRESH WATER GEL	Wt	7.8			1 N. J. P. S. C
Mud Type FRESH WATER GEL Wt. 10.0 Viscosity 39 Water Loss 7.8 C.C. Resist: of Mud @ °F; of Filtrate 2.0 @ 72 °F				c.c.	Mud Pit Sample — @ — °F. Mud Pit Sample Filtrate 2.0 @ 72 °F. 500 ppm
	of Filtrate			PPM	Mud Pit Sample Pittrate
Chloride Content 500					
RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WAT	TER % OTHERS API GRAVITY RESISTIVITY CHL. PPM
SLIGHTLY GAS CUT DRILLING MU	в 6 51	9.24			@ °F. 2.0@ 74°F. 500
SLIGHTLY GAS CUT WATER CUSHI		37.56			@ °F. 2.0@ 74°F. 500
					@ °F. @ °F.
					@ °F. @ °F.
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Remarks:					
:	·				
Address 619 W. TEXAS; MIDLANT	Je IEAAS				

NEW MEXICO

Location _

_ Test # _

Company .

Well _

UNION OIL COMPANY OF CALIFORNIA

SHELL FEDERAL #1

Test Interval 13238 To 13290

LEA

10179 B

1980'FEL-660'FNL of SEC.35, T18s,R32E

Date 12-20-68

Field Report No.

Date