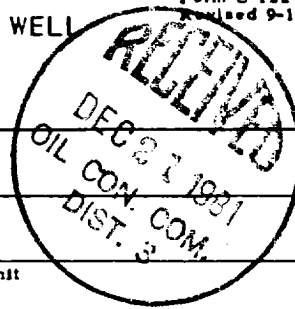


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12-14-81	
Company MESA PETROLEUM CO.			Connection EL PASO NATURAL GAS		
Pool BLANCO PICTURED CLIFFS			Formation PICTURED CLIFFS		Unit H
Completion Date 12-6-81		Total Depth 3150.	Plug Back TD 3078.	Elevation 6254.	Farm or Lease Name JASIS CANYON
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3106.	Perforations: From 2916. To 2436.	Well No. #1
Tbg. Size 1.125	Wt. 2.3	d 1.380	Set At 2986.	Perforations: From 0. To 0.	Unit Sec. Twp. Rge. SEC 36, T29N, R8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple FLOWING				Packer Set At 0.	County SAN JUAN COUNTY,
Producing Thru TUBING		Reservoir Temp. °F 108.0 2926.	Mean Annual Temp. °F 45.0	Baro. Press. - P _a 12.2	State NEW MEXICO
L 2926.	H 2926.	Gg 0.650	% CO ₂ 0.	% N ₂ 0.	% H ₂ S 0.
Prover 0.		Meter Run 0.		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							860.	45.			168.0
1.	1.75 X 0.750			110.	0.	48.	110.	48.	0.	0.	3.0
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	10.94	0.	122.2	1.0117	1.2403	1.0135	1701.
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	0.18	508.	1.36	0.974	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas 0.650
3.					Specific Gravity Flowing Fluid XXXXX 0.650
4.					Critical Pressure 670. P.S.I.A. 670. P.S.I.A.
5.					Critical Temperature 374. R 374. R

P _c 874.1 P _c ² 764.					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4033$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2894$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2193.$			
1	15.	469.	220.	544.				
2								
3								
4								
5								

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____	
Remarks: _____					
Approved By Commission:		Conducted By:		Calculated By:	
				Checked By:	