

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-16-75		DEC 23 1975	
Company MOBIL OIL CORPORATION		Connection EL PASO NATURAL GAS CO.			
Pool Corral Draw well comp. for UNDESIGNATED		Formation WOLF CAMP		Unit O.C.C. ARTESIA, OFFICE	
Completion Date 8-10-75		Total Depth 13840		Plug Back TD 121638	
Elevation 3078 KB		Farm or Lease Name CORRAL DRAW UNIT		Well No. 2	
Csg. Size 5 1/2 (L)	Wt. 20	d 4.778	Set At 13128	Perforations: From 11560 To 11582	
Thg. Size 2 7/8	Wt. 6.4	d 2.441	Set At 11463	Perforations: From 11463 (OE) To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE			Packer Set At 11460		County EDDY
Producing Thru TUBING		Reservoir Temp. °F 170 @ 11600		Mean Annual Temp. °F 60	
Baro. Press. - P _a 13.2		State NEW MEXICO		Prover Meter Run 4" X .750" FLANGE	
L 11460	H 11571	Gg .635	% CO ₂ .11	% N ₂ 2.0	% H ₂ S —

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.	
1.	4	X .750	555	11.6	66	759	60	—	—	24
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.	2.661	81.05	568.2	.9943	1.255	1.051	282.9
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.	.852	526	1.445	.905	94.3 Mcf/bbl.	70 Deg.	XXXXXXX	XXXXX	667 P.S.I.A.	364 R
2.										
3.										
4.										
5.										

NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: WELL INCAPABLE OF A 4-POINT TEST. A 24-HOUR FLOW IS SUBMITTED IN LIEU OF THE 4-POINT.

Approved By Commission:	Conducted By: MW BRINKMEYER	Calculated By: MW BRINKMEYER	Checked By: J.C. Gordon, Jr.
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