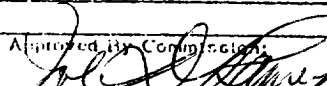


NEW MEXICO OIL CONSERVATION COMMS. N
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-172
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date May 12, 1975									
Company Continental Oil Co.		Connection El Paso Natural Gas Company									
Pool Eumont		Formation Queens									
Completion Date 1-22-75		Total Depth 3760	Plug Back TD 3720								
		Elevation 3527 GL	Farm or Lease Name Meyer B-28 A AC/2								
Csg. Size 5 1/2	Wt. 15	Set At 3760	Perforations: From 3616 To 3650								
Tq. Size 2 3/8	Wt. 4.7	Set At 3701	Perforations: From To								
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	Well No. 3								
Producing Thru TBG.		Reservoir Temp. °F 111 @ 3701	Mean Annual Temp. °F 13.2								
		Bero. Press. - P _g 13.2	Unit C								
L 3701	H 3701	Gg .669	% CO ₂ % N ₂ % H ₂ S Prover								
		Meter Run 4	Taps FLG.								
FLOW DATA											
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	Duration of Flow
51							485				72 Hr. S. P.
1.	4 X 1.250			52	2.0	73	455				1 Hour
2.	4 X 1.250			52	5.8	75	384				1 Hour
3.	4 X 1.250			52	9.0	78	283				1 Hour
4.	4 X 1.250			52	14.0	80	188				1 Hour
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd				
1	7.469	11.42	65.2	.9877	1.223	Nil	103				
2	7.469	19.45	65.2	.9859	1.223	Nil	175				
3	7.469	24.22	65.2	.9831	1.223	Nil	218				
4	7.469	30.21	65.2	.9813	1.223	Nil	271				
5.											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Dry _____ Mcf/bbl.						
1	.10	533	1.41	Nil	A.P.I. Gravity of Liquid Hydrocarbons _____ None _____ Deg.						
2	.10	535	1.42	Nil	Specific Gravity Separator Gas .669 _____ X X X X X X X X X						
3	.10	538	1.42	Nil	Specific Gravity Flowing Fluid _____ X X X X X						
4	.10	540	1.43	Nil	Critical Pressure 670 _____ P.S.I.A. _____ P.S.I.A.						
5.					Critical Temperature 378 _____ R _____ R						
P _c 408.2 P _w 248.2											
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$					
1		468.4	219.4	28.8	1.201	1.101					
2		397.7	158.2	90.0							
3		297.3	88.4	159.8							
4		204.0	41.6	206.6							
5											
Absolute Open Flow 298 _____ Mcfd @ 15.025					Angle of Slope 62.5 _____						
					Slope, n .525 _____						
Remarks: No fluid made at these rates during test.											
Approved By: 		Conducted By: Reggie Reston		Calculated By: Reggie Reston		Checked By:					