

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 2-13-76			
Company Depco, Inc.				Connection					
Pool Wildcat				Formation Wolfcamp				Unit	
Completion Date 1-28-76		Total Depth 11,553		Plug Back TD 11,055		Elevation 3503 KB		Farm or Lease Name D H Y - State	
Csg. Size 5 1/2"	Wt. 17	d	Set At 11,411	Perforations: From 8866 To 8902		Well No. 1			
Thq. Size 2 3/8	Wt. 4.7	d	Set At 11,048	Perforations: From 8811 To 8820		Unit Sec. Twp. Rge. F 23 19-S 28-E			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G G Multiple				Packer Set At 8820		County Eddy			
Producing Thru Tubing		Reservoir Temp. °F 160 @ 8780		Mean Annual Temp. °F		Baro. Press. - P _a 13.2		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	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							1998	73			
1.							1650	73			1 hr.
2.							1700	74			1 hr.
3.							1595	75			1 hr.
4.							1507	75			1 hr.
5.							1468	74			1 hr.

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							338
2							659
3							1,181
4							1,510
5							1,625

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	2361 Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	48.1 Deg.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _f 3876.2	P _s 15,025	(1) $\frac{P_f^2}{P_f^2 - P_s^2} = 5.722$	(2) $\left[\frac{P_f^2}{P_f^2 - P_s^2} \right]^n = 3.2122$
NO.	P _t	P _s	P _f - P _s
1	3859.2	14,893	132
2	3777.2	14,267	758
3	3635.2	13,215	1,810
4	3521.2	12,399	2,626
5	3450.2	11,904	3,121

Absolute Open Flow		4,850 Mcfd @ 15.025	Angle of Slope	56.2°	Slope, n	.669
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Remarks: Bottom Hole Pressure was recorded @ 8780' with an Amerada RPG-3 Instrument, Serial # 34923. (0-10,000 PSI range)	
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Approved By Commission:	Conducted By: Tom Hanson Company	Calculated By: Harrington	Checked By:
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