

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	
Tbg. 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 8811	H 8811	Gg 1.07	% CO ₂ Nil	% N ₂ Nil	% H ₂ S Nil	XXXX	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	Orifice Well Tester										
1.	2"	x	1.250		0	76					1 hr.
2.	2"	x	1.250		.5"	75					1 hr.
3.	2"	x	1.250		1"	75					1 hr.
4.	2"	x	1.250		4"	75					1 hr.
5.	2"	x	1.250		5"	75					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				.9850	.9667		0
2.	162			.9859	.9667		154
3.	231			.9859	.9667		220
4.	330			.9859	.9667		315
5.	330			.9859	.9667		353

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	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						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____	Slope, n _____
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Remarks: <u>These volumes are from the Low Pressure Separator. The High Pressure Volumes are on page 1. The total volumes are on page 3.</u>			
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Approved By Commission:	Conducted By: Tom Hanson Company	Calculated By: Harrington	Checked By:
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