

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 6-25-74				
Company TEXACO					Connection None				
Pool Eunice San Andres North					Formation San Andres				
Completion Date 7-16-74		Total Depth 6369		Plug Back TD 5470		Elevation 3485		Farm or Lease Name Mittie Weatherly	
Csg. Size 5.5	Wt. 15.5	d	Set At	Perforations: From 4072 To 4100		Well No. 2			
Tbg. Size 2 3/8	Wt. 4.7	d	Set At 4050	Perforations: From To		Unit E 17 21S 37E			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 4050		County Lea		
Producing Thru Tubing		Reservoir Temp. °F 101 @ 4036		Mean Annual Temp. °F		Baro. Press. - P _a 13.2		State New Mexico	
L	H 4050	G _g 0.690	% CO ₂ 6.6	% N ₂ 0.5	% H ₂ S 0.46	Prover	Meter Run 2"	Taps Flg	

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.	
SI				1303	BHP	with bomb	1353			
1.										
2.										
3.										
4.										
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							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	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 _____
Remarks: Unable to run 4 point test due to fluids in the hole.					

Approved By Commission: 	Conducted By: Coleman Engineering	Calculated By:	Checked By:
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