

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY USA				Lease or Unit Name HONEST JOHN STATE			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9/5/01		Well No. 1	
Completion Date		Total Depth		Plug Back TD		Elevation	
Csg. Size 4 1/2		Wt. 11.6		d 4		Set At	
Tbg. Size 2 3/8		Wt. 4.7		d 1.995		Set At 11257	
Perforations: From: 11612 To: 11618				County EDDY			
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 11244		Formation	
Producing Thru TUBING		Reservoir Temp. °F 192.3		Mean Annual Temp °F 60		Baro. Press. P _a 13.2	
Connection SALES		L 11257		H 11257		Gg 0.571	
%CO ₂ 0.901		%N ₂ 0.282		%H ₂ S N/A		Prover N/A	
Meter Run 4.026		Taps FLG					
FLOW DATA				TUBING DATA			
CASING DATA				Duration of Flow			
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI						2675	N/A
1		4.026 X 1.500	231	3.3	93		
2		4.026 X 1.500	237	6.8	112		
3		4.026 X 1.500	241	11	98		
4		4.026 X 1.500	248	24.7	83		
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}
1							
2							
3	TOTAL		FLOW	METER			
4							
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons N/A Deg.		
2					Specific Gravity Separator Gas 0.571 XXXXXXXX		
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid XXXXXX		
4					Critical Pressure 675 P.S.I.A. P.S.I.A.		
5					Critical Temperature 350 R R		
P _c 2687.6		P _w 7223.1					
No.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $P_c^2 = \frac{3.38}{P_c^2 - P_w^2}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.38$		
1		2494.1	6220.5	1002.6			
2		2529.4	6397.8	825.3			
3		2438	5943.8	1279.3			
4		2256.3	5090.9	2332.2			
5							
Absolute Open Flow 3755.2				Mcf/d @ 15.025		Angle of Slope (°) 45	
				Slope n: 1			
Remarks: * CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES. NO LIQUID MADE DURING TEST.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM	