

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 LIMOSINE FED			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4/1/02		Well No. 1	
Completion Date		Total Depth		Plug Back TD		Elevation	
Csg. Size	Wt.	d	Set At	Perforations: From: 9404 To: 9554		Unit Ltr - Sec - TWP - Rge 15 20S 25E	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 9326	Perforations: From: To:		County EDDY	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9326		Pool <i>Cemetery Morrow</i>	
Producing Thru Tubing		Reservoir Temp. °F 175		Mean Annual Temp. °F 60		Baro. Press. - P _s 13.2	
L 9326		H 9326		Gg 0.589	%CO ₂ 0.797	%N ₂ 0.34	%H ₂ S N/A
Prover N/A		Meter Run 2.026		Taps FLG		Connection SALES	
FLOW DATA				TUBING DATA		CASING DATA	
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						2137	N/A
1	2.026 X 1.000		400	4	62	2113	PKR
2	2.026 X 1.000		387	14.1	62	2010	
3	2.026 X 1.000		382	37.4	63	1843	
4	2.026 X 1.000		385	72	64	1577	
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 0.589 XXXXXXXX		
3	TOTAL	FLOW			Specific Gravity Flowing Fluid N/A XXXXXX		
4					Critical Pressure 669 P.S.I.A.		
5					Critical Temperature 350 R		
P _c 2202.3 P _{c2} 4850.1							
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.1}{\quad}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.72}{\quad}$		
1	2126.9	4523.7	326.4				
2	2019.7	4079.2	770.9				
3	1854	3437.3	1412.8				
4	1595.4	2545.3	2304.8				
5							
Absolute Open Flow 1897.2				Mcf @ 15.025	Angle of Slope (°)	53.6	Slope n: 0.7379
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	

OXY USA.
LIMOSINE FED #1

