

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

30-0. - 21743

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 Unit Name CHOPSTICKS FED			
Type Test ☒ Initial ☐ Annual ☐ Special				10/6/01		Well No. 2	
Completion Date		Total Depth		Plug Back TD		Elevation	
						Unit Ltr - Sec - TWP - Rge N 24 17S 27E	
Csg. Size 5 1/2	Wt. 17	d 4.982	Set At	Perforations: From: To:		County EDDY	
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 91271	Perforations: From: To:		Pool Logan Draw Marrow	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9145		Formation Marrow	
Producing Thru Tubing		Reservoir Temp. °F 145.4		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2	
						Connection SALES	
L 9145	H 9145	Gg 0.716	%CO ₂ 0.186	%N ₂ 1.178	%H ₂ S N/A	Prover N/A	Meter Run 4.026
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							
1	4.026 X 1.625		306	2.5	79	1229	1 HR
2	4.026 X 1.625		310	2.9	74	1187	1 HR
3	4.026 X 1.625		319	11.1	83	1060	1 HR
4	4.026 X 1.625		328	20.6	78	983	1 HR
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}	Rate of Flow Q. Mcfd
1							414
2							442
3	TOTAL	FLOW	METER				881
4							1207
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	TOTAL	FLOW	METER		Specific Gravity Separator Gas 0.716 XXXXXXXX		
3					Specific Gravity Flowing Fluid XXXXXX		
4					Critical Pressure 670 P.S.I.A. P.S.I.A.		
5					Critical Temperature 390 R. R.		
P _c 1308.9 P _{c2} 1713.2							
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3.205}{\quad}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{3.205}{\quad}$		
1		1260.1	1587.8	125.4			
2		1243.4	1546	167.2			
3		1168.1	1364.4	348.8			
4		1085.7	1178.7	534.5			
5							
Absolute Open Flow 3868.4				Mcf @ 15.025		Angle of Slope (°): 45	
						Slope n: 1	
Remarks: * CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM	

OXY USA
CHOPSTICKS FED #2

