

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 GOVERNMENT AL					
Type Test ☒ Initial ☐ Annual ☐ Special							Test Date 6/22/00		Well No. #1	
Completion Date		Total Depth 11310		Plug Back TD 10750		Elevation		Unit Ltr - Sec - TWP - Rge		
Csg. Size 5 1/2	Wt. 17#	d 4.892	Set At		Perforations: From: 8932 To: 8953				County EDDY	
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 8830		Perforations: From: To:				Pool N Burton Flats Wolfcamp	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE					Packer Set At 8827			Formation WOLFCAMP		
Producing Thru Tbg. Size		Reservoir Temp. °F 151.6		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2			Connection SALES	
L 8830	H 8830	Gg 0.734	%CO ₂ 0.105	%N ₂ 0.386	%H ₂ S N/A	Prover N/A	Meter Run 4.028	Taps FLG		
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	Press p.s.i.g.	Temp. °F	Duration of Flow
SI						411	N/A	PKR	N/A	
1	4.028	X1.500	77	1	83	224				24 HRS.
2										
3										
4										
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									82	
2	GAS VOLUMES		MEASURED	BY	TOTAL	FLOW	METER			
3										
4										
5										
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 3.727 Mcf bbl.					
1					A.P. I. Gravity of Liquid Hydrocarbons 46.2 Deg.					
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas 0.734 XXXXXXXX					
3					Specific Gravity Flowing Fluid N/A XXXXXX					
4					Critical Pressure 671 P.S.I.A. P.S.I.A.					
5					Critical Temperature 397 R. R.					
P _c 450 P _{c2} 202.5					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{13.4}{13.4}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{13.4}{13.4}$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1098.8}{1098.8}$					
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²						
1		432.9	187.4	15.1						
2										
3										
Absolute Open Flow 3758.3 Mcfd @ 15.025					Angle of Slope (°): 48.15		Slope n: 0.8954			
Remarks: *CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES / WELL MADE 22 BBLS OF 46.2 API GRAVITY CONDENSATE DURING TEST.										
Approved By Division:			Conducted By: PRO WELL TESTING			Calculated By: MB			Checked By: BM	

OXY USA
GOVERNMENT AL #1

