

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY USA					Lease or Unit Name NBFD						
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 6-27-96		Well No. 1				
Completion Date 5-22-96		Total Depth 12375		Plug Back TD 12112		Elevation		Unit Lr. - Sec. - TWP - Rge.			
Csg. Size 5 1/2	Wt. 17/20	d 4.892	Set At 12375	Perforations: From: 11262 To: 11270			County EDDY				
Tbg. Size 2-1/16	Wt. 10RD	d ?	Set At 11147	Perforations: From: To:			Pool BURTS Flat MOR				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple dual					Packer Set At		Formation MORROW				
Producing Thru TBG	Reservoir Temp. °F	Mean Annual Temp. °F 60		Baro. Press - P _a 13.2			Connection				
L 11147	H 11147	Gg .604	% CO ₂ .81	% N ₂ .23	% H ₂ S	Prover	Meter Run 4	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.	Temp. °F	Duration of Flow
Sl							3420		PKR		24 HR.
1.	4 X 1.125			611			2540		"		24 hr.
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1.							1,493				
2.											
3.							MEASURED BY TOTAL FLOW				
4.											
5.											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
1.					A.P. I Gravity of Liquid Hydrocarbons 53.3 @60° _____ Deg.						
2.					Specific Gravity Separator Gas .604		XXXXXXXXXX				
3.		N/A			Specific Gravity Flowing Fluid _____		XXXXXX GMIX=.612a				
4.					Critical Pressure 671 _____ P.S.I.A.		_____ P.S.I.A.				
5.					Critical Temperature 365 _____ R		_____ R				
P _c	3433.2	- P _c ²	11786.9								
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.299}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.299}$						
1.		2580.7	6660.0	5126.8							
2.											
3.					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3.432}$						
4.											
5.											
Absolute Open Flow 3,432			Mcf/d @ 15.025			Angle of Slope Θ 45		Slope, n 1.000			
Remarks: WELL MADE 3.8 BBLs OF 53.3 API CONDENSATE											
DURING TEST WELL WAS LIMITED TO 2200# W.H. PRESS OR 10/64 DUE TO SALES LINE PURPOSES											
Approved By Division			Conducted By: PRO WELL TESTER			Calculated By: BM			Checked By: BM		