

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 STATE E			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-29-95		Well No. 6	
Completion Date 8-7-95		Total Depth 3750		Plug Back TD 3700		Elevation	
Unit Ltr. Sec. TWP - Rge. 50-19S-37E							
Csg. Size 5 1/2	Wt. 15.5	d 4.950	Set At 3750	Perforations: From: 3360 To: 3599		County LEA	
Tbg. Size 2-3/8	Wt. 4.7	d 1.995	Set At	Perforations: From: To:		Pool Eumont	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At none		Formation QUEEN YATES SEVEN RIVERS	
Producing Thru CSG.		Reservoir Temp. °F 93		Mean Annual Temp. °F 60		Baro. Press - P 13.2	
Connection PIPELINE							
L 3360	H 3360	Gg .725	% CO ₂ 3.34	% N ₂ 2.64	% H ₂ S	Prover	Meter Run 3.068
						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
SI									142		
1.									38		24 hrs.
2.											
3.	RATES TAKEN FROM ELECTRONIC TOTAL FLOW METER										
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, F pv.	Rate of Flow Q, Mcfd
1.							388
2.							
3.							
4.	RATE TAKEN FROM ELECTRONIC TOTAL FLOW METER						
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	DRY GAS	Mcf/bbl.
1.					A.P. I. Gravity of Liquid Hydrocarbons	DRY	Deg.
2.					Specific Gravity Separator Gas	.725	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	DRY	XXXXXX
4.					Critical Pressure	*677	P.S.I.A.
5.					Critical Temperature	*387	R

P _c	155.2	P _c ²	24.1				
NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.125$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.125$	
1.		51.8	2.7	21.4			
2.							
3.							
4.							
5.							

Absolute Open Flow	437	Mcf/d @ 15.025	Angle of Slope θ	45°	Slope, n	1.000
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Remarks: * CORRECTED TO 3 % CO₂ & 2 % N₂
no fluid made during test

Approved By Division	Conducted By: PRO WELL TESTERS	Calculated By: KS	Checked By: BM
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