

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 Pacific
Santa Fe, NM 87505

Form C-122
Revised October, 1999

CISF

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY USA WTP LP		Lease or Unit Name CLARABELLA STATE	
Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10/15/01	Well No. 1
Completion Date 9/30/01	Total Depth 11320'	Plug Back TD 11275'	Elevation Unit Ltr - Sec - TWP - Rge I - 21 - 20S - 27E
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At Perforations: From: 10870 To: 10898
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10750 Perforations: From: To:
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE		Packer Set At 10734	Formation Avalon Morrow
Producing Thru Tubing	Reservoir Temp. °F 179.6	Mean Annual Temp. °F 60	Baro. Press. - P ₁ 13.2
Connection SALES			
L 10732	H 10732	Gg 0.614	%CO ₂ 0.865
%N ₂ 0.337	%H ₂ S N/A	Prover N/A	Meter Run 4.026
Taps FLG			
FLOW DATA		TUBING DATA	
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.
SI			
1	4.026 X 1.500	467	1.6
2	4.026 X 1.500	473	13.2
3	4.026 X 1.500	475	20.4
4	4.026 X 1.500	480	48
5			
RATE OF FLOW CALCULATIONS			
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1			
2			
3	TOTAL	FLOW	METER
4			
5			
No.	P _r	Temp. °R	T _r
1			
2			
3	TOTAL	FLOW	METER
4			
5			
Gas Liquid Hydrocarbon Ratio N/A		Mcf bbl.	
A.P. I. Gravity of Liquid Hydrocarbons N/A		Deg.	
Specific Gravity Separator Gas 0.614		XXXXXXXX	
Specific Gravity Flowing Fluid XXXXXX			
Critical Pressure 674		P.S.I.A.	P.S.I.A.
Critical Temperature 358		R.	R
P _c	1182.5	P _{c2}	1398.3
No.	P _t ²	P _w	P _w ²
1		1144.4	1309.7
2		1087.7	1183
3		1064.6	1133.4
4		997.4	994.8
5			
(1) $P_c^2 = 3.46$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.46$	
AOF = Q		$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7435.5$	
Absolute Open Flow 7435.5		Mcf/d @ 15.025	
Angle of Slope (°): 45		Slope n: 1	
Remarks: * WELL MADE NO LIQUID DURING TEST. CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES.			
Approved By Division:		Conducted By: PRO WELL TESTING	Calculated By: MERV BUECKER
		Checked By: BM	

OXY USA
CLARABELLE STATE #1

