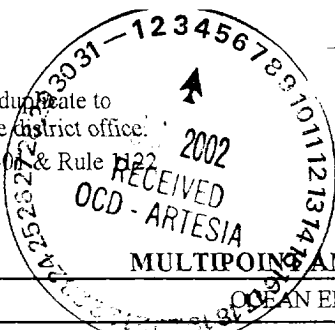


Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 402



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 OCDEAN ENERGY					Lease or Unit Name PARKWAY				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11/2/01		Well No. 12		
Completion Date 10/17/01		Total Depth 11520'		Plug Back TD		Elevation 3315'		Unit Ltr - Sec - TWP - Rge E 21 19S 29E	
Csg. Size 3 1/2 LINER	Wt.	d	Set At	Perforations: From: 10868 To: 11352			County EDDY		
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10701	Perforations: From: To:			Pool W Parkway Morrow		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 10701		Formation MORROW			
Producing Thru Tubing		Reservoir Temp. °F 181.1	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2			Connection AIR		
L 10708	H 10708	Gg 0.644	%CO ₂ 2.389	%N ₂ 0.919	%H ₂ S N/A	Prover 2"	Meter Run NONE	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
SI						753.3	N/A	PKR	N/A
1		.21875			78	710.3			1 HR
2		.250			74	661.2			1 HR
3		.3125			68	585			1 HR
4		.4375			67	471.7			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	0.8393			710.3	0.9831	1.246	1.047		746
2	1.087			661.2	0.9868	1.246	1.047		952
3	1.672			585	0.9924	1.246	1.047		1266
4	3.408			471.7	0.9933	1.246	1.048		2085
5									
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf bbl.				
1	0.8	538	1.46	0.912	A.P. I. Gravity of Liquid Hydrocarbons N/A Deg.				
2	0.78	534	1.45	0.912	Specific Gravity Separator Gas 0.644 XXXXXXXX				
3	0.77	528	1.44	0.912	Specific Gravity Flowing Fluid XXXXXX				
4	0.77	527	1.43	0.91	Critical Pressure 677 P.S.I.A. P.S.I.A.				
5					Critical Temperature 366 R R				
P _c 753.2 P _{c2} 567.3									
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.959}{\quad} \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.595}{\quad}$				
1	504.5	715.1	511.4	56.1	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{3.326}{\quad}$				
2	437.2	669.7	448.4	119					
3	342.2	601.9	362.3	205.1					
4	222.5	527.1	277.9	289.6					
5									
Absolute Open Flow 3.326 Mcfd @ 15.025					Angle of Slope (°): 55.23		Slope n: 0.6942		
Remarks: * NO MEASURABLE LIQUID MADE DURING TEST.									
Approved By Division:			Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM		