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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

10-015-21599 C15P
Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY USA		Lease or Unit Name OXY EUPHONIUM	
Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9/16/01	Well No. 1
Completion Date	Total Depth	Plug Back TD	Elevation
Csg. Size 4 1/2	Wt. 11.6	d 4	Set At
Perforations: From: 8186 To: 8220		County EDDY	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 8100
Perforations: From: To:		Pool E Eagle Creek Hko - Mar	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE		Packer Set At 8100	Formation
Producing Thru Tubing	Reservoir Temp. °F 139.9	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2
Connection AIR			
L 8109	H 8109	Gg 0.693	%CO ₂ 1.208
%N ₂ 0.605	%H ₂ S N/A	Prover N/A	Meter Run 4.026
Taps FLG			
FLOW DATA			
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.
SI			
1	4.026 X .750	100	9
2	4.026 X .750	100	22
3	4.026 X .750	100	28
4	4.026 X .750	100	16
5			
TUBING DATA			
Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.
84	110		
84	100		
84	135		
84	150		
5			
CASING DATA			
Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.
N/A	PKR	N/A	
RATE OF FLOW CALCULATIONS			
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	2.661	31.9	113.2
2	2.661	49.9	113.2
3	2.661	56.3	113.2
4	2.661	42.5	113.2
5			
Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q, Mcfd
0.9777	1.201	1.054	105
0.9777	1.201	1.054	164
0.9777	1.201	1.054	185
0.9777	1.201	1.054	139
5			
No.	P _r	Temp. °R	T _r
1	0.8	544	1.41
2	0.8	544	1.41
3	0.8	544	1.41
4	0.8	544	1.41
5			
Gas Liquid Hydrocarbon Ratio 4.942		Mcf bbl.	
A.P. I. Gravity of Liquid Hydrocarbons 56.3		Deg.	
Specific Gravity Separator Gas 0.693		XXXXXXX	
Specific Gravity Flowing Fluid XXXXXX		G.MIX=1.204	
Critical Pressure 672		P.S.I.A. 655	
Critical Temperature 384		R. 533	
P _c 1116.4		P _{c2} 1246.3	
No.	P _t ²	P _w	P _w ²
1		535.6	286.8
2		432.2	186.8
3		385.5	148.6
4		364.3	132.7
5			
P _c ² = 1.11		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.11$	
P _c ² - P _w ²			
AOF = Q		$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 154$	
P _c ² - P _w ²			
Absolute Open Flow 154		Mcf @ 15.025	
Angle of Slope (°): 45		Slope n: 1	
Remarks: * WELL MADE 5.0 BBLs OF 56.3 API GRAVITY CONDENSATE DURING TEST. CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES.			
Approved By Division:		Conducted By: PRO WELL TESTING	Checked By: BM
		Calculated By: MERV BUECKER	