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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 Pacific
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator EOG RESOURCES, INC		Lease of Unit Name WARP SPEED FED. COM.	
Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8/8/01	
Completion Date 8/2/01	Total Depth 10886	Plug Back TD 10810	Well No. 1
Csg. Size 5 1/2	Wt. 17	Set At 10886	Elevation Unit Ltr - Sec - TWP - Rge 7 17 29
Tbg. Size 3 1/2	Wt. 9.3	Set At 10505	County EDDY
Type Well-Single-Bradenhead-G.O. or G.O. Multiple SINGLE		Packer Set At 10484	Pool South Empire Maroon
Producing Thru Tbg. Size 10505	Reservoir Temp. °F 179.1 @ 10505	Mean Annual Temp. °F 60	Formation MORROW
H 10505	lg 0.704	%CO ₂ 4.772	%N ₂ 0.793
FLOW DATA		TUBING DATA	
No.	Prover Line Size	Orifice Size	Press p.s.i.g.
SI			
1	4 X 1.500	347	10.89
2	4 X 1.500	362	14.4
3	4 X 1.500	347	22.09
4	4 X 1.500	347	25
5			
RATE OF FLOW CALCULATIONS			
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	10.84	62.63	360.2
2	10.84	73.5	375.2
3	10.84	89.2	360.2
4	10.84	94.89	360.2
5			
No.	P _r	Temp. °R	T _r
1	0.52	527	1.36
2	0.54	526	1.36
3	0.52	52	1.37
4	0.52	526	1.36
5			
Gas Liquid Hydrocarbon Ratio 307.2 Mcf/bbl.			
A.P. 1 Gravity of Liquid Hydrocarbons 53 Deg			
Specific Gravity Separator Gas 0.704 XXXXXXXX			
Specific Gravity Flowing Fluid XXXXXX GMIX .714			
Critical Pressure *685 P.S.I.A. 668 P.S.I.A.			
Critical Temperature *385 R 395 R			
P _c	3013.2	P _{c2}	9079.4
No.	P _i ²	P _w	P _w ²
1	2713.7	7364.1	1715.2
2	2608.9	6806.4	2273
3	2519.2	6346.6	2732.8
4	2504.4	6272	2807.3
5			
(1) $P_c^2 = 3.234$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.793$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.542$			
79825			
Absolute Open Flow 3.542 Mcfd @ 15.025			
Angle of Slope Q: 48.8 Slope n: 0.875			
Remarks * CORRECTED TO 4.772% N2 WELL PRODUCED .58 BBLS CONDENSATE			
Approved By Division: SIGNAL WIRE LINE		Conducted By: BM	
Calculated By: BM		Checked By: BM	