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appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources

Form C-122
Revised October, 1987

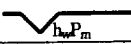
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

15F

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator TEXACO E & P					Lease or Unit Name TEXMACK "36" ST. com				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3/16/00		Well No. 1		
Completion Date		Total Depth		Pplug back TD 12512		Elevation		Unit Ltr - Sec - TWP - Rge C 36 16-S 31-E	
Csg. Size 5 1/2	Wt. 17#	d 4.892	Set At	Perforations: From: 12311 To: 12332				County Eddy	
Thg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 12283	Perforations: From: To:				Pool NE FREN Morrow	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single					Packer Set At 12263		Formation MORROW		
Producing Thru Tbg.		Reservoir Temp. °F 196		Mean Annual Temp. °F 60		Baro. Press - P _a 13.2		Connection SALES	
L 12283	hH 12283	Gg .716	%CO ₂ .385	%N ₂ 1.033	%H ₂ S n/a	Prover n/a	Meter Run 4.026	Taps FLG	

FLOW DATA					TUBING DATA		CASING DATA		Duration Of Flow
No.	Prover Line Size	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI						3220	N/A	PKR	
1.	4.026 X 1.500		450	1.6	75	3140			60MINS.
2.	4.026 X 1.500		451	5.2	87	2970			60MINS.
3.	4.026 X 1.500		454	11.5	91	2800			60MINS.
4.	4.026 X 1.500		457	30.4	87	2550			60MINS.
5.									

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							324
2.	GAS VOLUMES	MEASURED	BY TOTAL	FLOW	METER		565
3.							823
4.							1349
5.							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	N/A	Mcft/bbl.
1.							
2.	TOTAL FLOW	METER			A. P. I. Gravity of Liquid Hydrocarbons	N/A	Deg.
3.					Specific Gravity Separator Gas	.7160	XXXXXXXXXX
4.					Specific Gravity Flowing Fluid	N/A	XXXXXX
5.					Critical Pressure	671	P.S.I.A. P.S.I.A.
					Critical Temperature	391	R. R.

P _c 3233.2 P _c ² 10453.6				
No.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1.	9942.7	3153.9	9946.8	506.8
2.	8899.5	2985.3	8911.9	1541.7
3.	7914.1	2817.8	7939.8	2513.8
4.	6570.0	2576.3	6637.2	3816.4
5.				

(1) P_c² = 2.739

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.832$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.099$

Absolute Open Flow 2.832 Mcfd@ 15.025		Angle of Slope θ: 53.65	Slope, n: .7359
Remarks: * NO LIQUID MADE DURING TEST.			
Approved By Division	Conducted By: PRO WELL TESTING	Calculated By: MB.	Checked By: BM.