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See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources

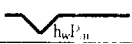
Form C-122
Revised October, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator LOUIS DREYFUS					Lease or Unit Name STATE ETA				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3/15/00		Well No. 4		
Completion Date 3-15-00		Total Depth 12762		Plug back TD 12556		Elevation 4044 GL		Unit Ltr. - Sec. - TWP Rge 8 16-S 35-E	
Csg. Size 51.2		Wt. 11#		d 4.892		Set At 12674		Perforations: From: 12285 To: 12295	
Csg. Size 23.8		Wt. 4"		d 1.995		Set At 12120		Perforations: From: To:	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single					Facker Set At 12120		Formation MORROW		
Producing Thru Tbg.		Reservoir Temp. °F 195.2		Mean Annual Temp. °F 60		Paro. Press - P _i 13.2		Connection SALES	
I. 12120		hH 12120		Cig 11.5		P _{at} (psi) 6.440		P _{at} (N) 1.512	
						P _{at} (H ₂ S) n/a		Prover n/a	
								Meter Run 2.067	
								Taps FLG	

FLOW DATA					TUBING DATA		CASING DATA		Duration Of Flow
No.	Prover Line Size	Interface Size	Press. p.s.i.g.	Diff. h _u	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI						1640	N/A	PKR	
1.	2.067 X 1.500		360	7	73	1530			60MINS.
2.	2.067 X 1.500		364	12	71	1440			60MINS.
3.	2.067 X 1.500		381	15	62	1285			60MINS.
4.	2.067 X 1.500		430	130	68	780			60MINS.
5.									

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 HOUR)		Pressure P _u	Flow Temp. Factor Ft.	Gravity Factor F _g	Super/Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							810
2.	GAS VOLUMES	MEASURED	BY TOTAL	FLOW	METER		1510
3.							2068
4.							3736
5.							

No.	P _i	Temp. °R	L _g	Z	Gas Liquid Hydrocarbon Ratio	Mcf bbl.
1.					30.773	
2.	TOTAL FLOW	METER			A. P. I. Gravity of Liquid Hydrocarbons 57.0	Deg.
3.					Specific Gravity Separator Gas 7150	XXXXXXXXXX
4.					Specific Gravity Flowing Fluid N/A	XXXXXX
5.					Critical Pressure 693	P.S.I.A. 690 P.S.I.A.
					Critical Temperature 370	R. 409 R

P _c 1653.2 P _c ² 2733.1				
No.	P _i ²	P _w	P _w ²	P _i ² - P _w ²
1.	2381.5	1550.3	240.4	329.7
2.	2111.8	1479.4	2188.8	544.3
3.	1685.3	1353.9	1833.0	900.1
4.	629.2	1073.7	1151.8	1580.2
5.				

(1) $P_c^2 = 1.730$

$\frac{P_i^2 - P_w^2}{P_c^2 - P_w^2}$

AOF = Q $\left[\frac{P_c^2}{P_i^2 - P_w^2} \right]^n = 6.295$

(2) $\left[\frac{P_c^2}{P_i^2 - P_w^2} \right]^n = 1.685$

Absolute Open Flow 6.295 Mcfd @ 15.025		Angle of Slope θ: 46.39		Slope, n: .9523	
Remarks: * WELL MADE 11 BBLs OF 57 API GRAVITY CONDENSATE DURING TEST.					
Approved By Division		Conducted By: PRO WELL TESTING		Calculated By: MB.	
				Checked By: BM.	