

Submit in duplicate to appropriate district office. Sec Rule 401 & Rule 1122

State of New Mexico Energy Minerals and Natural Resources

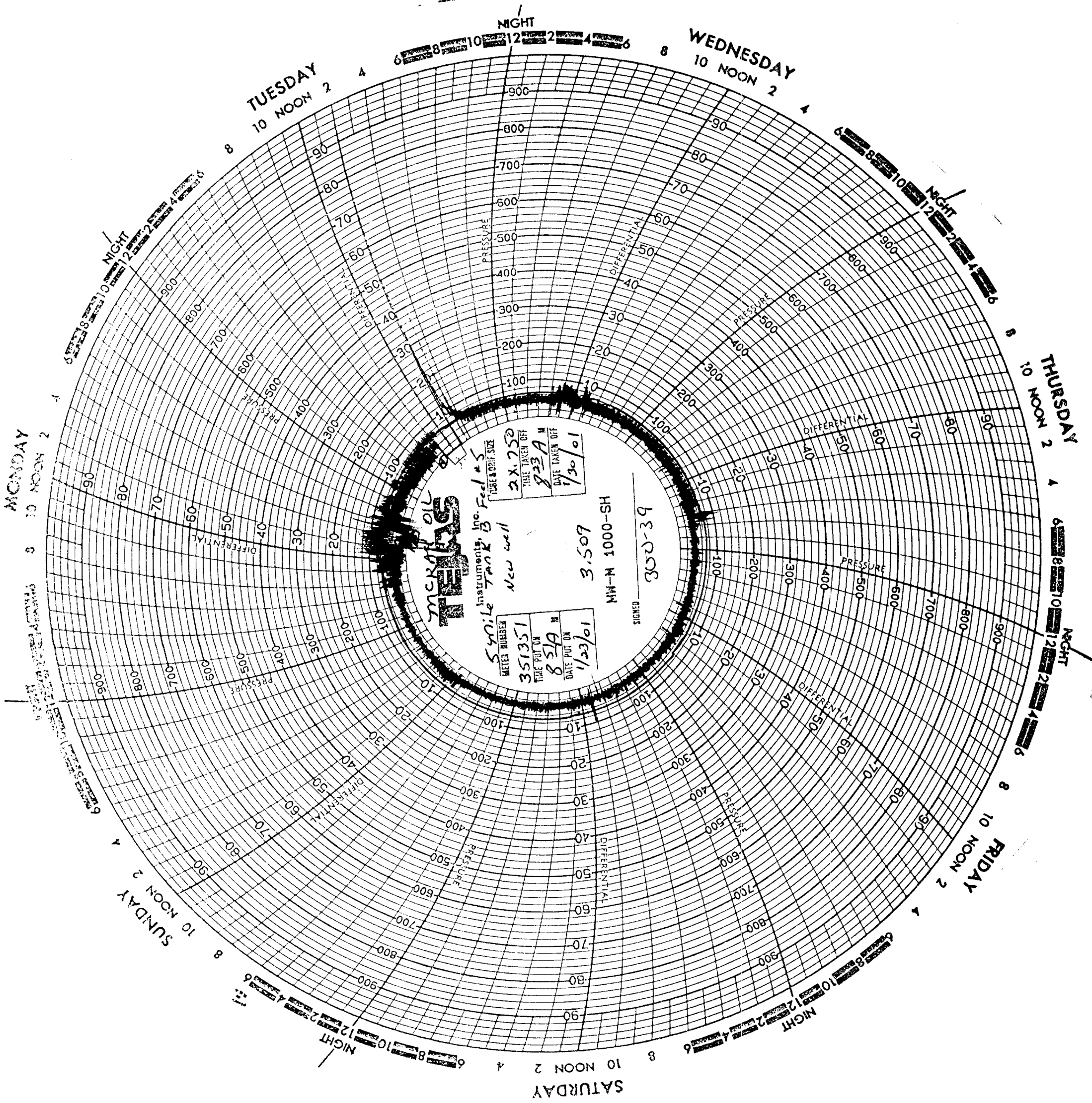
Form C-122 Revised October, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator McKay Oil Corporation				Lease or Unit Name Five Mile Tank "B" Fedds							
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date		Well No. #5					
Completion Date 12/30/00		Total Depth 3216'		Plug Back TD 3182'		Elevation 4109'					
Crg. Size 4 1/2		Wt. 10.5		Set At 3211'		Perforations: From: 3116 To: 3138					
Crg. Size 2 3/8		Wt. 4.7		Set At 3031'		Perforations: From: 3108 To: 3112					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At		Formation ABO					
Producing Depth 2 3/8		Reservoir Temp. °F 69		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2					
L		Gg		%CO ₂		%N ₂					
II		%		%		Prover					
						Meter Run					
						Taps					
FLOW DATA				TUBING DATA				CASING DATA			
No.	Prover Line Size	X	Orific 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	Duration Of Flow
SI											
1	20		1.000	119	95.2	78°					1 HR
2											
3											
4											
5											
RATE OF FLOW CALCULATIONS											
No.	COEFFICIENT (24 HOUR)		$\sqrt{b_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of flow Q, Mcfd			
1.											
2.											
3.											
4.											
5.											
No.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
1.					A. P. I. Gravity of Liquid Hydrocarbons _____ Deg.						
2.					Specific Gravity Separator Gas _____ XXXXXXXXXXXX						
3.					Specific Gravity Flowing Fluid _____ XXXXX						
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.						
5.					Critical Temperature _____ R. _____ R						
$P_0 = \frac{P_1^2}{P_2^2 - P_1^2}$											
No.	P ₁	P ₂	P ₀	P ₁ ² - P ₂ ²	(1) $\frac{P_2}{P_1^2 - P_2^2} =$ _____ (2) $\left[\frac{P_0^2}{P_1^2 - P_2^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_1^2}{P_1^2 - P_2^2} \right]^n =$ _____						
1.											
2.											
3.											
4.											
5.											
Absolute Open Flow				Mcf/d @ 15.025				Angle of Slope θ:		Slope, n:	
Remarks: _____											
Approved By Division				Conducted By:				Calculated By:			
								Checked By:			

1 HR Flow Rates 27.29 MCF



MONDAY
8 10 NOON 2

TUESDAY
8 10 NOON 2

WEDNESDAY
8 10 NOON 2

THURSDAY
8 10 NOON 2

FRIDAY
8 10 NOON 2

SATURDAY
8 10 NOON 2

SUNDAY
8 10 NOON 2

NIGHT

NIGHT

NIGHT

NIGHT

NIGHT

NIGHT