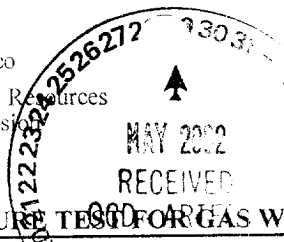


Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

CISF



MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator MEWBOURNE OIL /				Lease or Unit Name CROOKED CREEK 16 ST.			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date		Well No. 1	
Completion Date 4/3/02		Total Depth 10721		Plug Back TD 10658		Elevation 4382	
Csg. Size 5 1/2		Wt. 17		d 4.892		Set At 10720	
Tbg. Size 2 7/8		Wt. 6.5		d 2.441		Set At 9988	
Perforations: From: 10547 To: 10570				County EDDY			
Perforations: From: To:				Pool BALDRIDGE CANYON			
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9977		Formation MORROW	
Producing Thru Tubing		Reservoir Temp. °F 179		Mean Annual Temp. °F 60		Baro. Press. -P _a 13.2	
Connection SALES		L 10500		H 10500		Gg 0.594	
%CO ₂ 0.131		%N ₂ 5.482		%H ₂ S N/A		Prover N/A	
Meter Run 3.067		Taps FLG					
FLOW DATA				TUBING DATA			
CASING DATA				Duration of Flow			
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI							
1	3.067 X 1.000		200	30	62	213.2	
2							
3							
4							
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}
1							
2							
3	TOTAL		FLOW	METER			
4							
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons Deg.		
2					Specific Gravity Separator Gas 0.594 XXXXXXXX		
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid XXXXXX		
4					Critical Pressure 666 P.S.I.A. P.S.I.A.		
5					Critical Temperature 338 R. R.		
P _c	313.2	P _{c2}	98				
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.009$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.009$		
1		225	50.6	5657.6			
2							
3							
4							
5							
Absolute Open Flow 587				Mcf @ 15.025	Angle of Slope (°): 45	Slope n: 1	
Remarks: * NO LIQUID MADE DURING TEST.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM	

MEWBOURNE OIL CO.
CROOKED CREEK " 16" ST. # 1

