

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

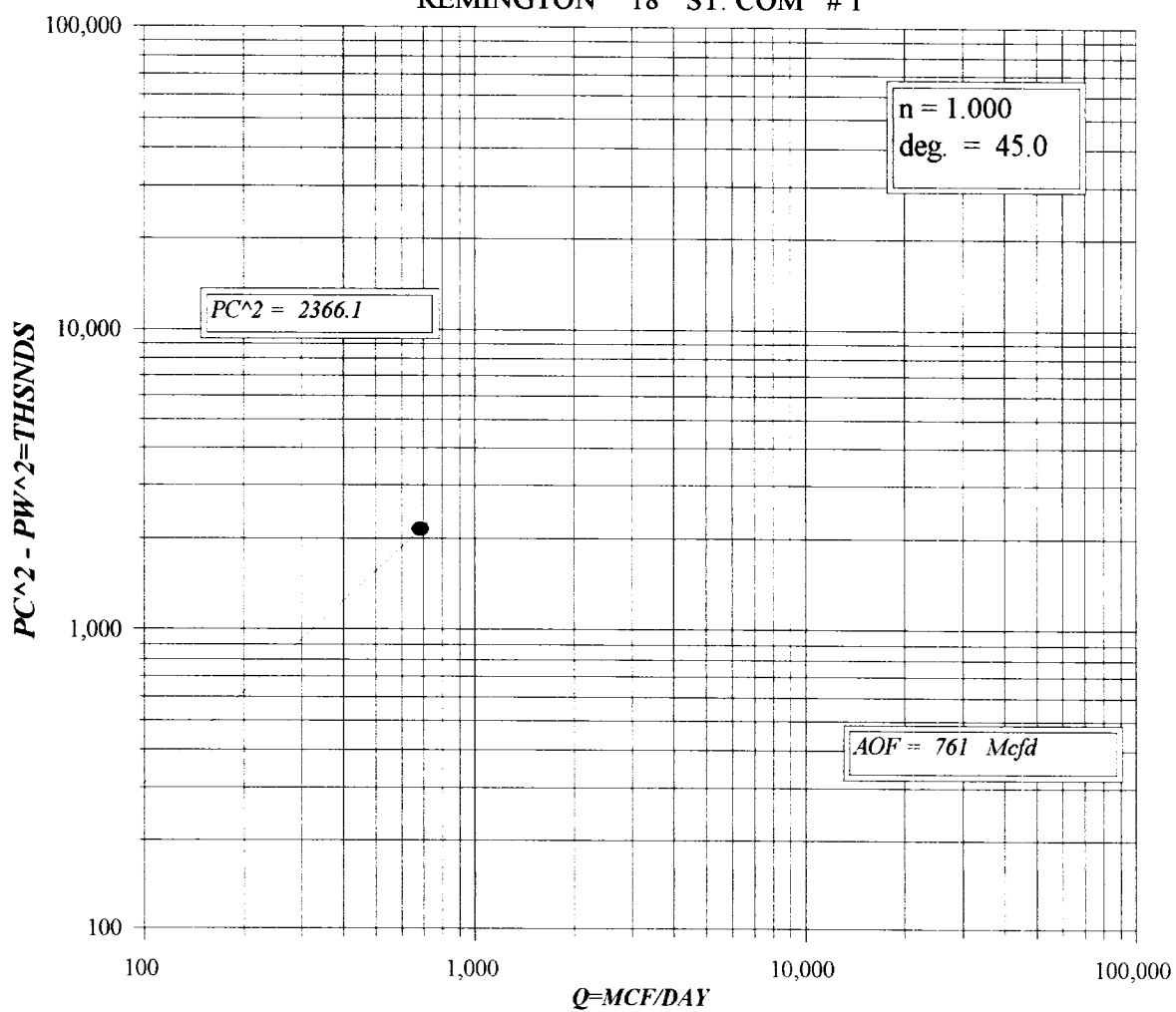
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

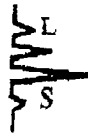
Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator MEWBOURNE OIL CO.				Lease or Unit Name REMINGTON 18 ST. COM.			
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date	Well No. 1
Completion Date		Total Depth 11180		Plug Back TD 11005		Elevation 3520 GL	Unit Ltr - Sec - TWP - Rge J 18 19S 28E
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 11180	Perforations: From: 10966 To: 10973			County EDDY
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10585	Perforations: From: To:			Pool S. Millman Morrow
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 10585		Formation MORROW	
Producing Thru Tubing		Reservoir Temp. °F 179	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2			Connection SALES
L 10585	H 10585	Gg 0.595	%CO ₂ 0.806	%N ₂ 0.809	%H ₂ S N/A	Prover N/A	Meter Run 3.026
Taps FLG							
FLOW DATA				TUBING DATA		CASING DATA	
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
1							
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}	Rate of Flow Q. Mcfd
1							690
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 N/A Deg.		
2					Specific Gravity Separator Gas 0.595 XXXXXXXX		
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid XXXXXX		
4					Critical Pressure 675 P.S.I.A. P.S.I.A.		
5					Critical Temperature 350 R. R.		
P _c 1538.2 P _{c2} 2366.1							
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $P_c^2 = \frac{1.103}{P_c^2 - P_w^2}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.103$		
1		469.4	214.6	2145.8			
2							
3							
4							
5					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 761$		
Absolute Open Flow		761	Mcf/d @ 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.
REMINGTON "18" ST. COM #1



**Laboratory Services, Inc.**

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephones: (505) 397-3713

FOR: Mewbourne Oil Company
Attention: Mr. Leonard Pounds
P. O. Box 6270
Hobbs, New Mexico 88241

SAMPLE: IDENTIFICATION: Remington 18 St. 41
COMPANY: Mewbourne Oil Co.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/17/02 5:20 pm
ANALYSIS DATE: 1/26/02
PRESSURE - PSIA 440
SAMPLE TEMP. °F 50
ATMOS. TEMP. °F 61

REMARKS:

GAS (XX) LIQUID ()
SAMPLED BY: Leonard Pounds
ANALYSIS BY: Vickie Biggs

COMPONENT ANALYSIS

COMPONENT	MOL. PERCENT	GPM
Hydrogen Sulfide (H ₂ S)		
Nitrogen (N ₂)	0.809	
Carbon Dioxide (CO ₂)	0.806	
Methane (C ₁)	84.812	
Ethane (C ₂)	3.479	0.928
Propane (C ₃)	0.642	0.176
i-Butane (iC ₄)	0.101	0.088
n-Butane (nC ₄)	0.101	0.092
i-Pentane (iC ₅)	0.043	0.016
n-Pentane (nC ₅)	0.030	0.011
Hexane Plus (C ₆ +)	0.176	0.076
	100.000	1.272
BTU/CU.FT. - DRY	1048	
AT 14.650 DRY	1045	
AT 14.650 WET	1027	
AT 14.73 DRY	1051	
AT 14.73 WET	1082	
SPECIFIC GRAVITY -		
CALCULATED	0.595	
MEASURED		

MOLECULAR WT. 17.2317