

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10-22-85	
Company El Paso Natural Gas				Connection		
Pool Basin				Formation Dakota		Unit
Completion Date 10-22-85		Total Depth 8036		Plug Back TD 8030		Elevation
Csg. Size 4.500		wt. 11.6	d 4.000	Set At 8036	Perforations: From 7820 To 8004	
Tub. Size 1.900		wt. 2.9	d 1.610	Set At 7976	Perforations: From To	
Type Well - Single - Floodhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12
L		H	G _g	% CO ₂	% N ₂	% H ₂ S
						Prover
						Meter Run
						Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice 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	
1.							1700		1728		7 Days
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcft/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _r	P _w	P _u	P _r - P _w	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

Absolute Open Flow				Mcfd @ 15.025	Angle of Slope	Slope, n
Remarks:						

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked By: Kld
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ck
 96
 RECEIVED
 OCT 25 1985
 OIL CON. DIV.
 DIST. 3

WILSON

SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY.....Meridian Oil.....
WELL.....89 E.....**LEASE**.....San Juan 28-5.....
COUNTY.....Rio Arriba.....**STATE**.....New Mexico.....
SEC......9.....**TWP.**.....28N.....**RGE.**.....5W.....
APPROX. TOP CEMENT.....2600'.....

Survey Begins at.....2000'.....**Ft. Ends at**.....3780'.....**Ft.**
Approx. Fill-Up.....**Max. Temp.**.....
Log Measured From.....KB.....**Run No.**.....1.....

Casing Size	Casing Depth	Diam of Hole	Depth
7" from	to	from 8 3/4" to	to
from	to	from	to

Date of Cementing.....9/30/85.....**Time**.....
Date of Survey.....9/30/85.....**Time**.....11:51 pm.....
Amount of Cement.....As Per Report.....

Recorded by.....Bizzell/Wilson.....**Witnessed by**.....

REMARKS OR OTHER DATA

FC @ 3990'.....OA @ 2865'.....

TEMPERATURE IN DEGREES FAHRENHEIT

