

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPLE POINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date	
Company MERIDIAN OIL INC.				Connection EL PASO NATURAL GAS COMPANY	
Pool BLANCO, 20.				Formation PICTURED CLIFFS	
Completion Date 10-31-88		Total Depth 3669		Plug Back TD 3661	
Elevation 6725' GL		Farm or Lease Name S. J. 29-7 Unit			
Csg. Size 4.5000	Wt. 10.5	d 4.0520	Set At 3669	Perforations: From To	
Thg. Size 2.3750	Wt. 4.7	d 1.9950	Set At 3615	Perforations: From 3579 To 3613	
Type Well - Single - Bradenhead - G.C. or C.O. Multiple SINGLE				Packer Set At N/A	
Producing Thru TUBING		Reservoir Temp. °F p		Mean Annual Temp. °F 12.2	
Baro. Press. - P _g 12.2		State NEW MEXICO			
L	H	Cg .690	% 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	
SI	2	X	.750				1064		1064		
1.							185		497		1 HOUR
2.							155		420		2 HOURS
3.							137		369		3 HOURS
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2.	12.365			149.2	1.0000	.9258	1708
3							
4.							
5.							

NO.	P ₁	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/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
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1076.2 P _c ² 1158206.4					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.154$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1134$
NO.	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²		
1		381.2	154313.4	1003893		
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025			Angle of Slope @ _____	Slope, n .85
Remarks: NO FLUIDS PRODUCED DURING TEST.				
Approved By Division	Conducted By: JOHN EASLEY	Calculated By: CLIFF BROCK	Checked By:	