

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-11-85		DEC 13 1985	
Company Meridian Oil Prod Inc.			Connection		
Pool Blanco			Formation Mesa Verde		OIL CON. DIV. DIST. 3
Completion Date 12-11-85		Total Depth 6149	Plug Back TD 6128	Elevation 6426 GR	Form or Lease Name EPNG B
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3656	Perforations: From *5442 To 6124	Well No. #1A
Csg. Size 2.375	Wt. 4.7	d 1.995	Set At 6100	Perforations: From To	Unit Sec. Twp. Rge. B 28 32 06
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At None	County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12	State New Mexico
L	H	Gg	% 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	
51							1046		1047		7 Days
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	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 X
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(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						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$			
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Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope → _____	Slope, n _____
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Remarks: * - 4.500 "liner 3475' - 6128'.

Approved by Commission:	Conducted By: Gary Osborne	Calculated By: Ed Mabe	Checked By: kld
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