

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 6-28-85			
Company El Paso Natural Gas				Connection				(OWWO)	
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 6-28-85		Total Depth 5489		Plug Back TD 5475		Elevation 6213 GR		Farm or Lease Name Riddle B	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 5489	Perforations: From 4358 To 5408		Well No. #3			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5384	Perforations: From To		Unit K	Sec. 23	Twp. 30	Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _g 12		State New Mexico	
L	H	Gg .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							774		779		8 Days
1.			.750	191		90	191		678		3 Hrs.
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	12.365		203	.9723	.9325	1.017	2315
2.							
3.							
4.							
5.							

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 OIL CON. DIV.
 DIST. 3

NO.	P _t	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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
5.					Critical Temperature _____ R	_____ R

P _c 791	P _c ² 625681	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{625681}{149581}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.9249$
NO.	P _t ²	P _w	P _w ²
1		690	476100
2			
3			
4			
5			

Absolute Open Flow 6771 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n _____
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Remarks: Made slug of water after 4 Mins. then mediate mist thur-out test.
 Gas vented during test = 305 MCF.

Approved By Commission:	Conducted By: Bob Easterling	Calculated By: Ed Mabe	Checked By: kld
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