

**NEW 1 OIL CONSERVATION COMMISSIC
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12/18/74	
Company Continental Oil Company		Connection None	
Pool Jalmat		Formation Yates-Seven Rivers	
Completion Date 10-23-74		Total Depth 3640	Plug Back TD
Casing Size 5 1/2		Set At 3075	Perforations: From To
Tub. Size 2 3/8		Set At 3342	Perforations: From To
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single		Packer Set At None	Well No. 4
Producing Thru Tbg.		Reservoir Temp. °F a	Mean Annual Temp. °F
Baro. Press. - P _g		State New Mexico	
L	H	Gg .670	% CO ₂ % N ₂ % H ₂ S
Prover 2"		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.	2	x	.750	16		55	219		215		1 hr.
2.	2	x	.750	21		58	180		190		1 hr.
3.	2	x	.750	24		58	138		181		1 hr.
4.	2	x	.750	28		60	99		174		1 hr.
5.							80		167		45 min.

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.	9.453		29.2	1.005	1.222	Nil	339
2.	9.453		34.2	1.002	1.222	Nil	396
3.	9.453		37.2	1.002	1.222	Nil	431
4.	9.453		41.2	1.000	1.222	Nil	476
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 Field	X X X X X
4.					Critical Pressure	669 P.S.I.A.
5.					Critical Temperature	382 R

NO.	P _r	P _w	P _r ²	P _w ²	P _r ² - P _w ²
1.	232.2	203.2	53917	41290	12627
2.		194.2		37714	16203
3.		187.2		35044	18873
4.		180.2		32472	21445
5.					

(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 2.514$

(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.819$

AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = .866$

Absolute Open Flow	866 Mcfd @ 15.025	Angle of Slope	57°	Slope, n	64.0
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Remarks: No measurable fluid made during test.

Approved by:	Conducted By: Rick Pagan	Calculated By: Rick Pagan	Checked By:
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