

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 10-6-66			
Company Tenneco Oil Co.				Connection					
Pool Basin Dakota				Formation Dakota				Unit	
Completion Date		Total Depth 7670		Plug Back TD 7635		Elevation 6681		Farm or Lease Name Jicarilla A	
Csg. Size 4.5	Wt.	d	Set At 7670	Perforations: From 7508 To 7583		Well No. A-7			
Tbg. Size 2.375	Wt.	d	Set At	Perforations: From To		Unit L	Sec. 17	Twp. 26	Rge. 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County Rio Arriba	
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		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.	
SI							1918		2334	
1.	2	X	3/4				145	60	634	3 hr.
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, F _{pv}	Rate of Flow Q, Mcfd
1	12,3650		157	1.000	.9608	1.015	1892
2.							
3.							
4.							
5.							

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

P _c 2346	P _c ² 5503716	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0815}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0605}$
NO	P _t ²	P _w	P _w ²
1		644	414736
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2006}$

Absolute Open Flow	2006	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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J. E. Massey - Tenneco
 Dist. Prod. Eng.

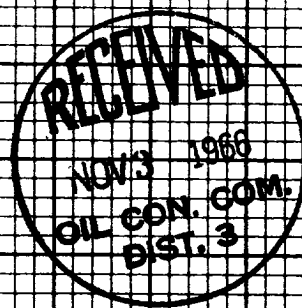
Company TENNECO OIL COMPANY Lease JICARILLA Well No. A-7
 Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
 Formation DAKOTA Test Date OCTOBER 6, 1966

Status of Well **Shut in 7 days +**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1918	
2000	2049	0.066
4000	2186	0.069
6000	2713	0.264
7345	3085	0.277
7545 Mid-Perf	3143	0.290

Datum Pressure _____ Psig

OIL
LEVEL
4127



Elev. 6681	Datum _____	Ft.
Total Depth 7635	Perf. 7508-7583	Ft.
Tubing 2 3/8	in. to 7603	Ft.
Casing 4 1/2	in. to 7670	Ft.
Casing Press. 2334	Tubing Press. 1918	
Oil Level 4127	Water Level _____	
Temperature _____	°F @ _____	Ft.
Element No 12468N	Range 0-6000	
Last Test Date _____		
Pressure Last Test Date _____		Psig
B.H.P. Change _____	Psi	

PRESSURE POUNDS PER SQUARE INCH GAUGE

