

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 10-9-65	
Company Tenneco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth		Plug Back TD 6613	Elevation 6105	Form or Lease Name Delack 15
Csg. Size 4 1/2	Wt. 15	d 15	Set At 6635	Perforations: From 6358 To 6581		Well No. K-5
Tbg. Size 2 3/8	Wt. 15	d 15	Set At 6581	Perforations: From To		Unit Sec. Twp. Rge. J 31 27 8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan
Producing Thru TDC		Reservoir Temp. °F @		Mean Annual Temp. °F		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	
1.	2	x	3/4				946		1995		
2.							348	60	932		3 hr.
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	12.3650		360	1.000	.9608	1.038	4439
2							
3							
4							
5							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons <td>_____ Deg.</td>	_____ Deg.
2					Specific Gravity Separator Gas <td>XXXXXXX</td>	XXXXXXX
3					Specific Gravity Flowing Fluid <td>XXXXXXX</td>	XXXXXXX
4					Critical Pressure <td>_____ P.S.I.A.</td>	_____ P.S.I.A.
5					Critical Temperature <td>_____ R</td>	_____ R

RECEIVED
NOV 3 1965
OIL CON. COM.
DIST. 3

P_c **2007** P_c² **4028049**

NO.	F _t ²	P _w	P _w ²	P _c ² - P _w ²
1		944	891136	3136913
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2841$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2063$

ADP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5355$

Absolute Open Flow 5355 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Tofteller	Checked By: J. E. Massey
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Tenneco Oil Company

Company TENNECO OIL COMPANY Lease BOLACK Well No. B-5
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date OCTOBER 9, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

