

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

Form C-122
Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 06/28/80	
Company OKLAHOMA OIL CO.			Connection NONE		
Pool BASIN DAKOTA			Formation DAKOTA		Unit
Completion Date 06/06/80		Total Depth 6652	Plug Back TD 6614	Elevation 5724 9.1	Farm or Lease Name JOHNSON
Csg. Size 4 1/2"	Wt. 10.5	d 4.052	Set At 6652	Perforations: From 6445 To 6544	Well No. 1E
Tub. Size 2 3/8"	Wt. 4.7	d 2.041	Set At 6650	Perforations: From N/A To	Unit Sec. Twp. Rng. P 21 31N 13W
Type Well - Single - Fibercord - G.G. or G.O. Multiple SINGLE				Packer Set At N/A	County SAN JUAN
Producing thru TUBING		Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a 12.2	State NEW MEXICO
L	H	G _g 0.70	% 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	6"	X 3/4"	129			1939		1935		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
1	11		141	.9813	1.195	1.015	1846
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	.21	540	1.38	.971			XXXXXXX	XXXXX	P.S.I.A.	P.S.I.A.
2										
3										
4										
5										

NO.	P _r	P _w	P _r ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	1947	614	3791	377	3414	3791 / 3414	1.082
2							
3							
4							
5							

Absolute Com. Flow 1997		Mscf @ 14.7 psia		Angle of Slope @		Slope, n = 15	
Applied By: CONSERVATION		Conducted By: MOORE		Calculated By: ALEXANDER		Checked By:	

