

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

RECEIVED
SEP 04 1984
OIL CON. DIV.
DIST. 3

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

CH	INFO	Type Test ☒ Initial ☐ Annual ☒ Special	Test Date	8-16-84
JF				
JM		Company	Connection	
LN		GETTY OIL Co.	EL PASO NATURAL GAS Co.	
PH		Pool	Formation	Unit
ED		BASIN	DAKOTA	
RE		Completion Date	Total Depth	Plug Back TD
COP		8-9-84	7054	7043
				Elevation
				6668G.L.
				Form or Lease Name
				FARMING "E"
TIC		Well No.		
FILE		1		
		Well Size	Set At	Perforations
		7.000	7047	From 6850 To 7026
		1bg. Size	Set At	Perforations
		2.375	6991	From OPEN To ENDED
				Unit Sec. Twp. Rge.
				A 2--24N--6W
		Type Well - Single - Brodenhead - G.C. or G.O. Multiple	Packer Set At	County
		SINGLE GAS		RIO ARRIBA
		Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F
		TUBING		
		Baro. Press. - P _a		State
		12.0		NEW MEXICO
		L	H	G _g
		6991	6991	0.685
		% CO ₂	% N ₂	% H ₂ S
		Prover	Meter Run	Taps
			4.028	Flange
		FLOW DATA		
		TUBING DATA		
		CASING DATA		
		Duration of Flow		
		NO.	Prover Line Size	X
		SI	168 HRS.	
		1.	4.028 X 1.500	277
		2.	4.028 X 1.500	285
		3.	4.028 X 1.500	293
		4.		
		5.		
		RATE OF FLOW CALCULATIONS		
		NO.	Coefficient (24 Hour)	$\sqrt{\frac{h_p}{L-10}}$
		1	31.28	8.60
		2	31.28	8.35
		3	31.28	8.05
		4.		
		5.		
		NO.	P _t	Temp. °R
		1.		
		2.		
		3.		
		4.		
		5.		
		Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
		A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
		Specific Gravity Separator Gas _____ X X X X X X X X		
		Specific Gravity Flowing Fluid _____ X X X X X		
		Critical Pressure _____ P.S.I.A. _____ P.S.I.A.		
		Critical Temperature _____ R _____ R		
		P _c	P _c ²	820836
		NO.	P _t ²	P _w ²
		1		
		2		
		3	154449	709
		4		
		5		
		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.5800$		
		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.037$		
		AOF = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.947$		
		Absolute Open Flow 4.947 Mcfd @ 15.025		
		Angle of Slope 0 Slope, n .75		
		Remarks: 3 BBL condensate 61.2 gravity		
		This is an old well that has been reworked		
		Approved By Division	Conducted By:	Calculated By:
			Paul Berhost	Paul Berhost
				Checked By: