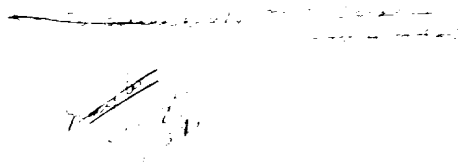


9-25-62

F. Loc. 1180/S;1850/E Elev. 6608 GL Spd. 10-25-62 Comp. TD 8245 PB 2245
 Casing S. 11 3/4 @ 230 W. 150 Sx. Int. 7 7/8 @ 400 W. 175 Sx. Pr. 5 1/2 @ 8250 W. 400 Sx. T. @
 Csg. Perf. Prod. Stim.

TRANS

BO/D		Hrs.		SICP	PSI After	Days GOR	Grav.	1st Del.					
MCF/D After													
TOPS		NITD	X	Well Log		TEST				DATA			
						Schd.	PC	Q	PW	PD	D	Ref. No.	
Kirtland		C-102	☒	Plat		☒							
Fruitland		C-103	☒	Electric Log		☒							
Pictured Cliffs		C-104		C-110									
Cliff House				C-122									
Menefee	5722	Ditr		Dfa									
Point Lookout	2912	Datr		Dac									
Mancos	6476	Remarks Prev. Rosa #40-12 											
Gallup													
Sanostee													
Greenhorn	7972												
Dakota	8121												
Morrison													
Entrada													
	</												

E/320

P
o
i
Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
 MV Co. RA s 11 T 31N R 5W U Oper. Shar-Alan Oil Co Use Rosa No. 48

OPEN FLOW TEST DATA

Date: April 11, 1964

Operator: SNAR ALAN OIL COMPANY Lease: MOGA UNIT # 48

Location: SE/4 SECTION 14, Twp. 31 N, Rce 5 W County: RIO ARriba State: N.M.

Formation: DAKOTA Pool: BASIN DAKOTA

Casing: 5 1/2 " Set @ 8266 ' Tubing: 2-3/8 " Set @ 8206

Pay Zone: 8210 ' To: 8260 ' Total Depth: 8271

Choke Size: 3/4" THC " Choke Constant = C = 12.365

Stimulation Method: _____ Flow Through: Casing _____ Tubing X

Shut-in Pressure Casing: 2919 psig / 12 = 2931 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 2919 psig / 12 = 2931 psia

Flowing Pressure: P : 242 psig / 12 = 254 psia

Working Pressure: P_w : 897 psig / 12 = 909 psia

Temperature: T : 41 °F / 460 = 501 °Absolute

F_{pv} (from tables) : 1.027 Gravity .630 Est. n .75

$$\text{Choke Volume} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

$$254 \times 12.365 \times 1.0188 \times .9759 \times 1.027 = \underline{3207} \text{ MCF/D}$$

Open Flow - Aof = Q

$$Aof = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1064 \approx 1.0788$$

$$Aof = \underline{3480} \text{ MCF/D}$$

Tested By: _____

Witnessed By: _____



Geologic, Inc.