

DATE November 3, 1965

Choke Size: 2-1/2" Plate, 4" M.R.	Choke Constant: 33.293	Meter: Constant	Tested through a 3/4" variable choke Baker Model "F" Packer set at 4650'			
Shut-In Pressure, Casing, (MV) 1052	PSIG + 12 = PSIA 1064	Days Shut-In 15	Shut-In Pressure, Tubing (MV) 1011	PSIG + 12 = PSIA 1023		
Flowing Pressure: P Meter - 178; W.H. - 432	PSIG + 12 = PSIA Meter - 190; W.H. - 444		Working Pressure: Pw 573	PSIG + 12 = PSIA 585		
Temperature: T = 62 °F	Ft = .9981	n = .75	Fpv (From Tables) 1.058	Gravity .710	Fg = 1.1813	

Final SIPT(DK) = 2092 Psig

CHOKE VOLUME = Q = ~~XXXXXXXXXXXXXXXXXXXX~~

Q = Calculated from orifice meter reading = 4678 MCF/D

$$\text{OPEN FLOW} = A_o f = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$\text{Aof} = \left(\frac{1,132,206}{789,671} \right)^n = (4878) (1.4352)^{.75} = (4878) (1.3100)$$

NOTE: Well produced 88 lbs

NOTE: Well produced 88 gal of oil into tank during test. Also, a large amount of oil carried over for about the first 45 minutes of the test.

Aof = 630 MCF/D

CHECKED BY _____
 WITNESSED BY _____

