

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA
EXCEPT BARKER DOME STORAGE AREA)

Operator **SKELLY OIL CO.** Lease **J. R. ANDERSON** Well No. **1**
Unit **J** Sec. **33** Twp. **25 N** Rge. **3 W** Pay Zone: From **3487** To **3640**
Casing: OD **5 1/2"** WT. _____ Set At **3640** Tubing: OD **2"** WT. _____ T. Perf. **3627**
Produced Through: Casing _____ Tubing **X** Gas Gravity: Measured _____ Estimated _____
Date of Flow Test: From _____ To _____ * Date S.I.P. Measured **OCT 3, 1956**
Meter Run Size **4"** Orifice Size _____ Type Chart **SR** Type Taps _____

Flowing casing pressure (Dwt) _____	psig + 12 = _____	psia	(a)
Flowing tubing pressure (Dwt) _____	psig + 12 = _____	psia	(b)
Flowing meter pressure (Dwt) _____	psig + 12 = _____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading _____	psig + 12 = _____	psia	(d)
Square root chart reading (_____) ² x spring constant _____	= _____	psia	(d)
Meter error (c) - (d) or (d) - (c) _____ ± _____	= _____	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing _____	= _____	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading _____	psig + 12 = _____	psia	(g)
Square root chart average reading (<u>6.50</u>) ² x sp. const. <u>15.00</u>	= <u>634</u>	psia	(g)
Corrected seven day avg. meter press. (p _f) (g) + (e) _____	= _____	psia	(h)
P _t = (h) + (f) _____	= <u>634</u>	psia	(i)
Wellhead casing shut-in pressure (Dwt) <u>900</u>	psig + 12 = <u>912</u>	psia	(j)
Wellhead tubing shut-in pressure (Dwt) <u>900</u>	psig + 12 = <u>912</u>	psia	(k)
P _C = (j) or (k) whichever well flowed through _____	= <u>912</u>	psia	(l)
Flowing Temp. (Meter Run) <u>59</u> °F + 460 _____	= <u>519</u>	° Abs	(m)
P _d = ½ P _C = ½ (l) _____	= <u>456</u>	psia	(n)

DELIVERABILITY CALCULATION

D = Q 253 $\left[\begin{array}{l} (P_c^2 - P_d^2) = 623,8080 \\ (P_c^2 - P_w^2) = 429,788 \end{array} \right]^n \frac{1.323}{1.3713} \frac{484}{\text{MCF/da.}}$

P_c = 212 psia
 Q = 353 Mcf/day
 P_w = 634 psia
 P_d = 426 psia
 D = 484 Mcf/day

Company GOEL ROTHE, INC.
By D H KEVER *B. H. Kever*
Title AGENT
Witnessed by _____
Company _____

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-s})$ R^2	P_t^2 (Column i)	$P_t^2 + R^2$	P_w

OK



