WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company Range Oil Company, Inc. Lease & Well No. Coffman #3

Elevation 1256 Kelly Bushing Formation Admire Effective Pay ------ Ft. Ticket No. 194

Date 3/30/78 Sec. k5 Twp. 33s Range 5e County Cowley State Kansas

Test Approved by Robert Olson Western Representative Tim Wilson

Formation Test No. 1 Interval Tested from 588' ft. to 630' ft. Total Depth 630' ft.

Packer Depth 588 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 583 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 592 ft. Recorder Number 1599 Cap. 4200

Bottom Recorder Depth (Outside) 595 ft. Recorder Number 1561 Cap. 3200

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Company Tools #1 Drill Collar Length 252 I. D. 2¼ in.

Mud Type chemical Viscosity 33 Weight Pipe Length ------ I. D. ------ in.

Weight 8.6 Water Loss 54.0 cc. Drill Pipe Length 316 I. D. 3.8 in.

Chlorides 4000 P.P.M. Test Tool Size 5½ in. Tool Joint Size 4½ FH in.

Jars: Make ------ Serial Number ------ Anchor Length 42 ft. Size 5½ in.

Did Well Flow? no Reversed Out no Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in.

Blow: Fair increasing to strong.

Recovered 60 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:16 A.M. ~~P.M.~~ Time Started Off Bottom 10:20 A.M. ~~P.M.~~ Maximum Temperature 80

Initial Hydrostatic Pressure ..... (A) 247 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 30 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 214 P.S.I.

Final Flow Period ..... Minutes 30 (E) 46 P.S.I. to (F) 24 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 212 P.S.I.

Final Hydrostatic Pressure ..... (H) 240 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3-30-78 Test Ticket No. 194

Recorder No. 1559 Capacity 4200 Location 592 Ft.

Clock No. -- Elevation 1250 Kelly Bushing Well Temperature 80 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	247	P.S.I.	Open Tool	8:16A M	
B	First Initial Flow Pressure	30	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	14	P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	214	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	46	P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	24	P.S.I.			
G	Final Closed-in Pressure	212	P.S.I.			
H	Final Hydrostatic Mud	240	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 10 Inc.		Breakdown: 6 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	30	0	14	0	46	0	24
P 2 5	13	3	107	5	24	3	123
P 3 10	10	6	159	10	24	6	164
P 4 15	10	9	182	15	24	9	180
P 5 20	13	12	194	20	24	12	192
P 6 25	14	15	201	25	24	15	196
P 7 30	14	18	205	30	24	18	202
P 8		21	208			21	206
P 9		24	210			24	208
P10		27	212			27	211
P11		30	214			30	212
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

6251

JH# 194

I.