

PK# 3730  
I



1051

Company Range Oil Company, Inc. Lease & Well No. Meadows "B"#5  
 Elevation 1190 Kelly Bushing Formation Admire Effective Pay -- Ft. Ticket No. 3730  
 Date 10/6/79 Sec. 22 Twp. 33S Range 4E County Cowley State Kansas  
 Test Approved by Stephen M. Kreidler Western Representative Roger Lisenby

Formation Test No. 1 Interval Tested from 700 ft. to 750 ft. Total Depth 750 ft.  
 Packer Depth 695 ft. Size 6 3/4 in. Packer Depth 700 ft. Size 6 3/4 in.  
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 710 ft. Recorder Number 1051 Cap. 4250  
 Bottom Recorder Depth (Outside) 713 ft. Recorder Number 969 Cap. 4200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Range Drilling Rig #1 Drill Collar Length 152 I. D. 2 1/4 in.  
 Mud Type native Viscosity -- Weight Pipe Length - I. D. - in.  
 Weight -- Water Loss -- cc. Drill Pipe Length 527 I. D. 3.8 in.  
 Chlorides -- P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.  
 Jars: Make -- Serial Number -- Anchor Length 50 ft. Size 5 1/2 in.  
 Did Well Flow? Gas Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow, increasing to strong first opening. Strong blow with gas to surface five minutes of second opening. See attached gas sheet for gas measurements.

Recovered 150 ft. of drilling mud  
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of    

Remarks:    

Time Set Packer(s) 6:15 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 8:47 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 77  
 Initial Hydrostatic Pressure 344 (A)     P.S.I.  
 Initial Flow Period 30 Minutes (B) 101 P.S.I. to (C) 95 P.S.I.  
 Initial Closed In Period 30 Minutes (D) 194 P.S.I.  
 Final Flow Period 60 Minutes (E) 129 P.S.I. to (F) 114 P.S.I.  
 Final Closed In Period 30 Minutes (G) 259 P.S.I.  
 Final Hydrostatic Pressure 338 (H)     P.S.I.

Phone 316 262-5861  
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P. O. Box 1599  
WICHITA, KANSAS 67201

### GAS FLOW REPORT

Date 10/6/79 Ticket 3730 Company Range Oil Company, Inc.  
Well Name and No. Meadows "B"#5 Dst No. 1 Interval Tested 700'-750'  
County Cowley State Kansas Sec. 22 Twp. 33S Rg. 4E

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Meria Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
<b>PRE FLOW</b>						

Gas to surface in five minutes			<b>SECOND FLOW</b>			
10 min.	7" of water	1/4" orifice				4,450 CFPD
15 min.	7" of water	1/4" orifice				4,450 CFPD
20 min.	8" of water	1/4" orifice				4,760 CFPD
25 min.	8" of water	1/4" orifice				4,760 CFPD
30 min.	9" of water	1/4" orifice				5,050 CFPD
35 min.	9" of water	1/4" orifice				5,050 CFPD
40 min.	9" of water	1/4" orifice				5,050 CFPD
45 min.	9" of water	1/4" orifice				5,050 CFPD
50 min.	9" of water	1/4" orifice				5,050 CFPD
55 min.	10" of water	1/4" orifice				5,320 CFPD
60 min.	10" of water	1/4" orifice				5,320 CFPD

### GAS BOTTLE

Serial No. #49 Date Bottle Filled 10/6/79 Date to be Invoiced 10/6/79

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Range Oil Company, Inc.  
Authorized by Stephen M. Kreidler

# WESTERN TESTING CO., INC.

## Pressure Data

Date 10/6/79 Test Ticket No. 3730  
 Recorder No. 10510 Capacity 4250 Location 710 Ft.  
 Clock No. -- Elevation 1190 Kelly Bushing Well Temperature 77 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	244	P.S.I.	6:15A	M
B First Initial Flow Pressure	101	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	95	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	194	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	129	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	114	P.S.I.		
G Final Closed-in Pressure	259	P.S.I.		
H Final Hydrostatic Mud	338	P.S.I.		

### PRESSURE BREAKDOWN

**First Flow Pressure**  
 Breakdown: 6 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Initial Shut-In**  
 Breakdown: 10 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

**Second Flow Pressure**  
 Breakdown: 12 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Final Shut-In**  
 Breakdown: 10 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	101	0	95	0	129	0	114
P 2 5	98	3	103	5	123	3	157
P 3 10	98	6	114	10	118	6	198
P 4 15	97	9	123	15	114	9	219
P 5 20	96	12	135	20	114	12	232
P 6 25	95	15	146	25	114	15	241
P 7 30	95	18	158	30	114	18	247
P 8		21	165	35	114	21	252
P 9		24	177	40	114	24	254
P10		27	186	45	114	27	257
P11		30	194	50	114	30	259
P12				55	114		
P13				60	114		
P14							
P15							
P16							
P17							
P18							
P19							
P20							