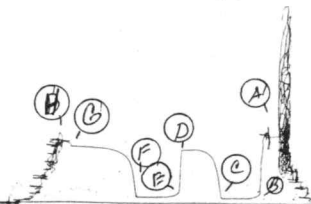


1kt # 1975
I



Company Range Oil Company, Inc. Lease & Well No. Maddix #X4
Elevation 1243 Kelly Bushing Formation Admire Sand Effective Pay -- Ft. Ticket No. 1975
Date 3/25/79 Sec. 11 Twp. 33S Range 5E County Cowley State Kansas
Test Approved by Robert Olsen Western Representative James Rogers

Formation Test No. 1 Interval Tested from 568' ft. to 593' ft. Total Depth 593' ft.

Packer Depth 573 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 568 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 586 ft. Recorder Number 1562 Cap. 3150

Bottom Recorder Depth (Outside) 589 ft. Recorder Number 1564 Cap. 3150

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

Drilling Contractor Range Drilling Co., Inc. Drill Collar Length 252 I. D. 2 1/2 in.

Mud Type gel Viscosity 36 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss N/A cc. Drill Pipe Length 296 I. D. 3.8 in.

Chlorides N/A P.P.M. Test Tool Length 45' in. Tool Size 4 1/2 OD in.

Jars: Make -- Serial Number -- Anchor Length 25' ft. Size 4 1/2 OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 1/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak increasing to good. Gas to surface in 18 minutes. Stable at 7:12 CFPD. See attached sheet for gas measurements.

Recovered 50 ft. of watery mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:05 A.M. Time Started Off Bottom 9:20 A.M. Maximum Temperature 78

Initial Hydrostatic Pressure (A) 269 P.S.I.

Initial Flow Period Minutes 30 (B) 27 P.S.I. to (C) 19 P.S.I.

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

Final Flow Period Minutes 30 (E) 35 P.S.I. to (F) 22 P.S.I.

Final Closed In Period Minutes 45 (G) 226 P.S.I.

Final Hydrostatic Pressure (H) 254 P.S.I.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 3/25/79 Ticket 1975 Company Range Oil Company, Inc.
Well Name and No. Maddix #9 Dst No. 1 Interval Tested 568'-593'
County Cowley State Kansas Sec. 11 Twp. 33S Rg. 5E

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla 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
Opened tool 7:05AM. Gas to surface 18 min PRE FLOW						
18 min.	1/4" orifice		5.0 " of water			3,710 CFPD
28 min.	1/4" orifice		13 " of water			6,100 CFPD
Closed tool at 7:35AM Opened tool at 8:05AM SECOND FLOW						
40 min.	1/4" orifice		14" of water			6,330 CFPD
50 min.	1/4" orifice		18" of water			7,120 CFPD
60 min.	1/4" orifice		18" of water			7,120 CFPD
Closed at 8:35 AM to 9:20 AM						

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 3/25/79

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 Robert Olsen

WESTERN TESTING CO., INC.

Pressure Data

Date 3/25/79 Test Ticket No. 1975
 Recorder No. 1562 Capacity 3150 Location 586 Ft.
 Clock No. 77 Elevation 1243 Kelly Bushing Well Temperature 78 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	269	P.S.I.	7:05A	M
B First Initial Flow Pressure	27	P.S.I.	30	Mins.
C First Final Flow Pressure	19	P.S.I.	30	Mins.
D Initial Closed-in Pressure	214	P.S.I.	30	Mins.
E Second Initial Flow Pressure	35	P.S.I.	45	Mins.
F Second Final Flow Pressure	22	P.S.I.		
G Final Closed-in Pressure	226	P.S.I.		
H Final Hydrostatic Mud	254	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>19</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>22</u>
P 2 <u>5</u>	<u>24</u>	<u>3</u>	<u>113</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>116</u>
P 3 <u>10</u>	<u>19</u>	<u>6</u>	<u>171</u>	<u>10</u>	<u>24</u>	<u>6</u>	<u>171</u>
P 4 <u>15</u>	<u>19</u>	<u>9</u>	<u>197</u>	<u>15</u>	<u>22</u>	<u>9</u>	<u>192</u>
P 5 <u>20</u>	<u>19</u>	<u>12</u>	<u>208</u>	<u>20</u>	<u>22</u>	<u>12</u>	<u>201</u>
P 6 <u>25</u>	<u>19</u>	<u>15</u>	<u>214</u>	<u>25</u>	<u>22</u>	<u>15</u>	<u>209</u>
P 7 <u>30</u>	<u>19</u>	<u>18</u>	<u>217</u>	<u>30</u>	<u>22</u>	<u>18</u>	<u>214</u>
P 8		<u>21</u>	<u>217</u>			<u>21</u>	<u>217</u>
P 9		<u>24</u>	<u>216</u>			<u>24</u>	<u>220</u>
P10		<u>27</u>	<u>215</u>			<u>27</u>	<u>221</u>
P11		<u>30</u>	<u>214</u>			<u>30</u>	<u>222</u>
P12						<u>33</u>	<u>222</u>
P13						<u>36</u>	<u>224</u>
P14						<u>39</u>	<u>225</u>
P15						<u>42</u>	<u>226</u>
P16						<u>45</u>	<u>226</u>
P17							
P18							
P19							
P20							