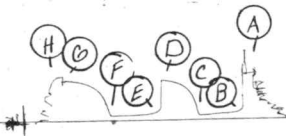


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TKL #3272
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Company Range Oil Company, Inc. Lease & Well No. Maddix #10
Elevation 1235 Kelly Bushing Formation Admire Effective Pay -- Ft. Ticket No. 3272
Date 9/2/79 Sec. 11 Twp. 33S Range 5E County Cowley State Kansas
Test Approved by Stephen M. Kreidler Western Representative W. K. Hager

Formation Test No. 1 Interval Tested from 555' ft. to 585' ft. Total Depth 585' ft.

Packer Depth 550 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 555 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 575 ft. Recorder Number 1558 Cap. 4200

Bottom Recorder Depth (Outside) 578 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor Range Drilling Co. #1 Drill Collar Length 252 I. D. 2 1/4 in.

Mud Type water Viscosity - Weight Pipe Length - I. D. - in.

Weight - Water Loss 100 cc. Drill Pipe Length 383 I. D. 3.8 in.

Chlorides -- P.P.M. Test Tool Length 50 ft. Tool Size 5 1/2 in.

Jars: Make -- Serial Number -- Anchor Length 30 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 FH in.

Blow: Strong blow on initial flow period with gas to surface in fifteen minutes. See attached sheet for gas measurements.

Recovered 40 ft. of muddy water

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 7:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 82
Initial Hydrostatic Pressure 251 (A) 251 P.S.I.
Initial Flow Period 30 Minutes (B) 57 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period 27 Minutes (D) 215 P.S.I.
Final Flow Period 35 Minutes (E) 51 P.S.I. to (F) 21 P.S.I.
Final Closed In Period 33 Minutes (G) 215 P.S.I.
Final Hydrostatic Pressure 234 (H) 234 P.S.I.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 9/2/79 Ticket 3272 Company Range Oil Company, Inc.
Well Name and No. Maddiz #10 Dst No. 1 Interval Tested 555'-585'
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
PRE FLOW						
		Gas to surface in 15 minutes.				
	20 min.	12" of water	1/4" orifice			5,860 CFPD
	25 min.	12" of water	1/4" orifice			5,860 CFPD
	30 min.	12" of water	1/4" orifice			5,860 CFPD

SECOND FLOW						
	5 min.	20" of water	1/4" orifice			7,510 CFPD
	10 min.	18" of water	1/4" orifice			7,120 CFPD
	15 min.	17" of water	1/4" orifice			6,930 CFPD
	20 min.	17" of water	1/4" orifice			6,930 CFPD
	25 min.	16" of water	1/4" orifice			6,720 CFPD
	30 min.	16" of water	1/4" orifice			6,720 CFPD
	35 min.	16" of water	1/4" orifice			6,720 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled ---- Date to be Invoiced 9/2/79

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 9/2/79 Test Ticket No. 3272
 Recorder No. 1558 Capacity 4200 Location 575 Ft.
 Clock No. -- Elevation 1235 Kelly Bushing Well Temperature 82 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	251 P.S.I.	Open Tool	7:15A M	
B First Initial Flow Pressure	57 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	21 P.S.I.	Initial Closed-in Pressure	30 Mins.	27 Mins.
D Initial Closed-in Pressure	215 P.S.I.	Second Flow Pressure	35 Mins.	35 Mins.
E Second Initial Flow Pressure	51 P.S.I.	Final Closed-in Pressure	30 Mins.	33 Mins.
F Second Final Flow Pressure	21 P.S.I.			
G Final Closed-in Pressure	215 P.S.I.			
H Final Hydrostatic Mud	234 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a 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>57</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>91</u>	<u>5</u>	<u>36</u>	<u>3</u>	<u>57</u>
P 3 <u>10</u>	<u>32</u>	<u>6</u>	<u>139</u>	<u>10</u>	<u>27</u>	<u>6</u>	<u>116</u>
P 4 <u>15</u>	<u>29</u>	<u>9</u>	<u>160</u>	<u>15</u>	<u>25</u>	<u>9</u>	<u>148</u>
P 5 <u>20</u>	<u>25</u>	<u>12</u>	<u>186</u>	<u>20</u>	<u>23</u>	<u>12</u>	<u>169</u>
P 6 <u>25</u>	<u>23</u>	<u>15</u>	<u>196</u>	<u>25</u>	<u>23</u>	<u>15</u>	<u>186</u>
P 7 <u>30</u>	<u>21</u>	<u>18</u>	<u>200</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>196</u>
P 8		<u>21</u>	<u>206</u>	<u>35</u>	<u>21</u>	<u>21</u>	<u>205</u>
P 9		<u>24</u>	<u>210</u>			<u>24</u>	<u>209</u>
P10		<u>27</u>	<u>215</u>			<u>27</u>	<u>213</u>
P11						<u>30</u>	<u>215</u>
P12						<u>33</u>	<u>215</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							