



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Range Oil Company, Inc. Lease & Well No. Baker #1
Elevation 1240 Kelly Bush. Formation Admire Effective Pay - Ft. Ticket No. 24532
Date 12-8-76 Sec. 26 Twp. 33S Range 5E County Cowley State Kansas
Test Approved by Robert G. Brooks Western Representative Bill Baker
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 534' to 590' Total Depth 590'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 529 Ft. Size 6 3/4 Bottom Packer Depth 534 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 56 Ft. Size 4 1/2 OD & DP Surface Choke Size 1 1/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 557 Ft. Clock No. 8476 Depth 560 Ft. Clock No. 6800
Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 3150 No. 1564 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 1:13P. M
Tool Open I.F.P. From 1:15P M. to 1:45P M. - Hr. 30 Min. From (B) 42 P.S.I. To (C) 26 P.S.I.
Tool Closed I.C.I.P. From 1:45P M. to 2:15P M. - Hr. 30 Min (D) 212 P.S.I.
Tool Open F.F.P. From 2:15P M. to 3:40P M. - Hr. 85 Min. From (E) 36 P.S.I. To (F) 44 P.S.I.
Tool Closed F.C.I.P. From 3:40P M. to 4:25P M. - Hr. 45 Min. (G) 209 P.S.I.
Initial Hydrostatic Pressure (A) 255 P.S.I. Final Hydrostatic Pressure (H) 238 P.S.I. Maximum Temp. 70

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 10 minutes, see attached sheets for gas measurements.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 60' of drilling mud.
Reversed Out ☐ Yes ☒ No Mud Type Chem Viscosity 33 Weight 9.5 Water Loss 24.0 cc. Chlorides 300 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size - In. Make - Ser. No. -
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR White & Ellis Drlg. Length Drill Pipe 407 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size = In. Length Drill Collars 183 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4"H-90 In. Length D.S.T. Tool 44 Ft.
Remarks: Gas sample taken in gas bottle #634.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 12-8-76 Ticket 24532 Company Range Oil Company, Inc.
Well Name and No. Baker #1 Dst No. 1 Interval Tested 534' - 590'
County Cowley State Kansas Sec. 26 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
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PRE FLOW

1:25PM	10 min.	45" of water		1/4" choke		11,200 C.F.P.D.
1:30PM	15 min.	3 PSIG		1/4" choke		15,700 C.F.P.D.
1:35PM	20 min.	4 PSIG		1/4" choke		18,500 C.F.P.D.
1:40PM	25 min.	5 PSIG		1/4" choke		20,700 C.F.P.D.
1:45PM	30 min.	6 PSIG		1/4" choke		22,900 C.F.P.D.
Gas to surface in 10 minutes.						

SECOND FLOW

2:20PM	35 min.	4 PSIG		1/4" choke		18,500 C.F.P.D.
2:25PM	40 min.	7 PSIG		1/4" choke		25,000 C.F.P.D.
2:30PM	45 min.	9 PSIG		1/4" choke		29,000 C.F.P.D.
2:35PM	50 min.	11 PSIG		1/4" choke		32,400 C.F.P.D.
2:40PM	55 min.	11.5 PSIG		1/4" choke		33,000 C.F.P.D.
2:45PM	60 min.	12 PSIG		1/4" choke		34,000 C.F.P.D.
2:50PM	65 min.	13 PSIG		1/4" choke		35,900 C.F.P.D.
2:55PM	70 min.	13 PSIG		1/4" choke		35,900 C.F.P.D.
3:00PM	75 min.	13 PSIG		1/4" choke		35,900 C.F.P.D.
3:05PM	80 min.	14 PSIG		1/4" choke		37,600 C.F.P.D.
3:10PM	85 min.	14 PSIG		1/4" choke		37,600 C.F.P.D.
3:15PM	90 min.	14 PSIG		1/4" choke		37,600 C.F.P.D.

GAS BOTTLE

Continued on next page

Serial No. 634 Date Bottle Filled 12-8-76 Date to be Invoiced 2-8-76

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 G. Brooks



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GAS FLOW REPORT

Date 12-8-76 Ticket 24532 Company Range Oil Company, Inc.
Well Name and No. Baker #1 Dst No. 1 Interval Tested 534' - 590'
County Cowley State Kansas Sec. 26 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
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PRE FLOW

SECOND FLOW

3:20PM	100 min.	15 PSIG	1/4" choke		39,200 C.F.P.D.
3:25PM	105 min.	15 PSIG	1/4" choke		39,200 C.F.P.D.
3:30PM	110 min.	15.5 PSIG	1/4" choke		39,500 C.F.P.D.
3:35PM	115 min.	15.5 PSIG	1/4" choke		39,500 C.F.P.D.
3:40PM	120 min.	15.5 PSIG	1/4" choke		39,500 C.F.P.D.

All measurements were taken with a 1/4" choke with a 2" merla orifice well tester.

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Serial No. 634 Date Bottle Filled 12-8-76 Date to be Invoiced 2-8-76

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COMPANY'S NAME Range Oil Company, Inc.

Robert G. Brooks

WESTERN TESTING CO., INC.

Pressure Data

Date 12-8-76

Test Ticket No. 24532

Recorder No. 1558 Capacity 4200

Location 557 Ft.

Clock No. 8476 Elevation 1240 Kelly Bushing

Well Temperature 70 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	255 P.S.I.	Open Tool	1:13P. M	
B First Initial Flow Pressure	42 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	26 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	212 P.S.I.	Second Flow Pressure	85 Mins.	85 Mins.
E Second Initial Flow Pressure	36 P.S.I.	Final Closed-in Pressure	45 Mins.	39 Mins.
F Second Final Flow Pressure	44 P.S.I.			
G Final Closed-in Pressure	209 P.S.I.			
H Final Hydrostatic Mud	238 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>17</u> Inc.		Breakdown: <u>13</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>42</u>	<u>0</u>	<u>26</u>	<u>0</u>	<u>36</u>	<u>0</u>	<u>44</u>
P 2 <u>5</u>	<u>19</u>	<u>3</u>	<u>146</u>	<u>5</u>	<u>26</u>	<u>3</u>	<u>137</u>
P 3 <u>10</u>	<u>20</u>	<u>6</u>	<u>163</u>	<u>10</u>	<u>27</u>	<u>6</u>	<u>155</u>
P 4 <u>15</u>	<u>21</u>	<u>9</u>	<u>175</u>	<u>15</u>	<u>30</u>	<u>9</u>	<u>167</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>185</u>	<u>20</u>	<u>32</u>	<u>12</u>	<u>176</u>
P 6 <u>25</u>	<u>25</u>	<u>15</u>	<u>192</u>	<u>25</u>	<u>36</u>	<u>15</u>	<u>184</u>
P 7 <u>30</u>	<u>26</u>	<u>18</u>	<u>198</u>	<u>30</u>	<u>38</u>	<u>18</u>	<u>190</u>
P 8		<u>21</u>	<u>202</u>	<u>35</u>	<u>40</u>	<u>21</u>	<u>194</u>
P 9		<u>24</u>	<u>207</u>	<u>40</u>	<u>41</u>	<u>24</u>	<u>198</u>
P10		<u>27</u>	<u>209</u>	<u>45</u>	<u>40</u>	<u>27</u>	<u>200</u>
P11		<u>30</u>	<u>212</u>	<u>50</u>	<u>38</u>	<u>30</u>	<u>205</u>
P12				<u>55</u>	<u>37</u>	<u>33</u>	<u>207</u>
P13				<u>60</u>	<u>37</u>	<u>36</u>	<u>209</u>
P14				<u>65</u>	<u>38</u>	<u>39</u>	<u>209</u>
P15				<u>70</u>	<u>39</u>		
P16				<u>75</u>	<u>40</u>		
P17				<u>80</u>	<u>42</u>		
P18				<u>85</u>	<u>44</u>		
P19							
P20							

TKT #24532
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