



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

Company Range Oil Company, Inc. Lease & Well No. Baker #2
Elevation 1291 Kelly Bush. Formation Admire Effective Pay - Ft. Ticket No. 24581
Date 1-4-76 Sec. 25 Twp. 33S Range 5E County Cowley State Kansas
Test Approved by Robert Brooks Western Representative Norman Allen

Formation Test No. 1 O.K. Misrun Interval Tested From 570' to 631' Total Depth 631'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 565 Ft. Size 6 3/4 Bottom Packer Depth 570 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 61 Ft. Size 4 1/2 OD & DP Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 624 Ft. Clock No. 10167 Depth 627 Ft. Clock No. 8475
Top Make Kuster Cap. 3150 No. 1565 Inside Outside Bottom Make Kuster Cap. 3150 No. 1562 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 7:55A. M
Tool Open I.F.P. From 8:00A M. to 8:30AM - Hr. 30 Min. From (B) 33 P.S.I. To (C) 51 P.S.I.
Tool Closed I.C.I.P. From 8:30AM to 9:00AM - Hr. 30 Min (D) 184 P.S.I.
Tool Open F.F.P. From 9:00A M. to 9:45A M. - Hr. 45 Min. From (E) 71 P.S.I. To (F) 55 P.S.I.
Tool Closed F.C.I.P. From 9:45AM to 10:30AM - Hr. 45 Min. (G) 197 P.S.I.
Initial Hydrostatic Pressure (A) 276 P.S.I. Final Hydrostatic Pressure (H) 270 P.S.I. Maximum Temp. 68

INFORMATION

BLOW Strong throughout test. Gas to surface in 20 minutes, see attached sheet for gas measurements.

Did Well Flow Gas Yes No Recovery Total Ft. 150' of gas cut mud.

Reversed Out Yes No Mud Type Chem Viscosity 70 Weight 9. Water Loss 44. cc. Chlorides 1400 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. Co. Length Drill Pipe? 450 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 150 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H-90 In. Length D.S.T. Tool 81 Ft.

Remarks:

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 1-4-76 Ticket 24581 Company Range Oil Company, Inc.
Well Name and No. Bakers #2 Dst No. 1 Interval Tested 570' - 631'
County Cowley State Kansas Sec. 25 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						
8:25AM	25 min.	8PSIG	1/4" choke			27,000 C.F.P.D.
8:30AM	30 min.	9 PSIG	1/4" choke			29,000 C.F.P.D.
Gas to surface in 20 minutes.						

SECOND FLOW						
9:05AM	35 min.	5 PSIG	1/2" choke			78,000 C.F.P.D.
9:10AM	40 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:15AM	45 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:20AM	50 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:25AM	55 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:30AM	60 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:35AM	65 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:40AM	70 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.
9:34AM	75 min.	5.5 PSIG	1/2" choke			81,800 C.F.P.D.

GAS BOTTLE

Serial No. 615 Date Bottle Filled 1-4-76 Date to be Invoiced 1-4-76

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

WELL LOG

Range Oil Company, Inc.

24581

1-4-76

Bakers 42

332

SE

SE

Kansas

Covey

27,000 C.F.P.D.

29,000 C.F.P.D.

1 1/4" choke

1 1/4" choke

8.5 PSIG

9 PSIG

25 min.

30 min.

18:25AM

8:30AM

Gas to surface in 8:20 minutes.

WELL LOG

78,000 C.F.P.D.

81,800 C.F.P.D.

1 1/2" choke

5 PSIG

5.5 PSIG

35 min.

40 min.

45 min.

50 min.

55 min.

60 min.

65 min.

70 min.

75 min.

9:05AM

9:10AM

9:15AM

9:20AM

9:25AM

9:30AM

9:35AM

9:40AM

9:45AM

WELL LOG

1-4-76

1-4-76

Site

Well log for well 24581, Range Oil Company, Inc. The well was drilled to a depth of 42 feet. The log shows a gas flow of 78,000 C.F.P.D. at 5 PSIG. The gas to surface time is 8:20 minutes. The well is located in the Bakers 42 area, Range Oil Company, Inc., Kansas, Covey.

Range Oil Company, Inc.

Robert G. Brooks

WESTERN TESTING CO., INC.

Pressure Data

Date 1-4-77 Test Ticket No. 24581
 Recorder No. 1565 Capacity 3150 Location 624 Ft.
 Clock No. 10167 Elevation 1291 Kelly Bushing Well Temperature 68 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>276</u> P.S.I.	Open Tool	<u>7:55A.</u> M	
B. First Initial Flow Pressure	<u>33</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C. First Final Flow Pressure	<u>51</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D. Initial Closed-in Pressure	<u>184</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E. Second Initial Flow Pressure	<u>71</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F. Second Final Flow Pressure	<u>55</u> P.S.I.			
G. Final Closed-in Pressure	<u>197</u> P.S.I.			
H. Final Hydrostatic Mud	<u>270</u> 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: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 15 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 <u>0</u>	<u>33</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>55</u>
P 2 <u>5</u>	<u>41</u>	<u>3</u>	<u>176</u>	<u>5</u>	<u>55</u>	<u>3</u>	<u>174</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>180</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>180</u>
P 4 <u>15</u>	<u>38</u>	<u>9</u>	<u>182</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>183</u>
P 5 <u>20</u>	<u>44</u>	<u>12</u>	<u>183</u>	<u>20</u>	<u>51</u>	<u>12</u>	<u>185</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>184</u>	<u>25</u>	<u>52</u>	<u>15</u>	<u>186</u>
P 7 <u>30</u>	<u>51</u>	<u>18</u>	<u>184</u>	<u>30</u>	<u>52</u>	<u>18</u>	<u>187</u>
P 8 _____		<u>21</u>	<u>184</u>	<u>35</u>	<u>53</u>	<u>21</u>	<u>188</u>
P 9 _____		<u>24</u>	<u>184</u>	<u>40</u>	<u>53</u>	<u>24</u>	<u>190</u>
P10 _____		<u>27</u>	<u>184</u>	<u>45</u>	<u>55</u>	<u>27</u>	<u>191</u>
P11 _____		<u>30</u>	<u>184</u>			<u>30</u>	<u>193</u>
P12 _____						<u>33</u>	<u>194</u>
P13 _____						<u>36</u>	<u>194</u>
P14 _____						<u>39</u>	<u>195</u>
P15 _____						<u>42</u>	<u>196</u>
P16 _____						<u>45</u>	<u>197</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							

TKT # 24581

