

10-22-146



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Barnett Oil Company Lease & Well No. Merritt #1
Elevation 1121 Ground Level Formation Simpson Effective Pay -- Ft. Ticket No. 18290
Date 11-28-73 Sec. 10 Twp. 22S Range 14E County Coffey State Kansas
Test Approved by Clark A. Roach Western Representative Lyle R. Cason Sr.

Formation Test No. 1 O.K. Misrun Interval Tested From 2126' to 2137' Total Depth 2137'
Size Main Hole 7 7/8" Rat Hole Conv. Yes B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 2126 Ft. Size 6 3/4" Bottom Packer Depth Ft. Size
Straddle No Conv. B.T. Damaged Yes No Packer Depth Ft. Size
Tool Size 5 1/2" OD Tool Joint Size 4 1/2" FH Anchor Length 11 Ft. Size 5 1/2" OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2131 Ft. Clock No. 6895 Depth 2134 Ft. Clock No. 6899
Top Make Kuster Cap. 4000 No. 3659 ~~Inside~~ Outside Bottom Make Kuster Cap. 4000 No. 3660 ~~Inside~~ Outside
Below Straddle: Depth Rec. No. Clock No. ~~Inside~~ Outside Depth Ft. Rec. No. Clock No. ~~Inside~~ Outside

Time Set Packer 9:44 P. M.
Tool Open I.F.P. From 9:45 M. to 10:15 P. M. Hr. 30 Min. From (B) 0 P.S.I. To (C) 0 P.S.I.
Tool Closed I.C.I.P. From 10:15 M. to 10:45 P. M. Hr. 30 Min (D) 53 P.S.I.
Tool Open F.F.P. From 10:45 M. to 11:15 P. M. Hr. 30 Min. From (E) 8 P.S.I. To (F) 8 P.S.I.
Tool Closed F.C.I.P. From 11:15 M. to 12:00 P. M. Hr. 45 Min. (G) 456 P.S.I.
Initial Hydrostatic Pressure (A) 1087 P.S.I. Final Hydrostatic Pressure (H) 1067 P.S.I. Maximum Temp. --

INFORMATION

BLOW Weak throughout
Did Well Flow Yes No Recovery Total Ft. 3 feet Watery Mud

Reversed Out Yes No Mud Type Chem Viscosity 92 Weight 9.7 Water Loss 7.6 cc. Chlorides --
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint -- Jars: Size -- In. Make -- Ser. No. --
Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? --

DRILLING CONTRACTOR Length Drill Pipe? 1811 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size -- In.
Length Weight Pipe -- Ft. I.D. Weight Pipe -- In. Tool Joint Size -- In. Length Drill Collars 300 Ft. I.D. Drill Collars 2.25 In.
Tool Joint Size -- In. Length D.S.T. Tool 26 Ft.

Remarks:

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10-22-19C

WESTERN TESTING CO., INC. Pressure Data

Date November 28, 1973

Test Ticket No. 18290

Recorder No. 3659

Capacity 4000

Location 2131 Ft.

Clock No. 6895

Elevation 1121 Ground Level

Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1087</u> P.S.I.	Open Tool	<u>9:44 P.</u> M	
B First Initial Flow Pressure	<u>0</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>0</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>53</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>8</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>8</u> P.S.I.			
G Final Closed-in Pressure	<u>456</u> P.S.I.			
H Final Hydrostatic Mud	<u>1067</u> 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>15</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>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>8</u>
P 2 <u>5</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>5</u>	<u>8</u>	<u>3</u>	<u>8</u>
P 3 <u>10</u>	<u>0</u>	<u>6</u>	<u>2</u>	<u>10</u>	<u>8</u>	<u>6</u>	<u>10</u>
P 4 <u>15</u>	<u>0</u>	<u>9</u>	<u>6</u>	<u>15</u>	<u>8</u>	<u>9</u>	<u>14</u>
P 5 <u>20</u>	<u>0</u>	<u>12</u>	<u>10</u>	<u>20</u>	<u>8</u>	<u>12</u>	<u>17</u>
P 6 <u>25</u>	<u>0</u>	<u>15</u>	<u>13</u>	<u>25</u>	<u>8</u>	<u>15</u>	<u>25</u>
P 7 <u>30</u>	<u>0</u>	<u>18</u>	<u>18</u>	<u>30</u>	<u>8</u>	<u>18</u>	<u>28</u>
P 8		<u>21</u>	<u>20</u>			<u>21</u>	<u>40</u>
P 9		<u>24</u>	<u>26</u>			<u>24</u>	<u>60</u>
P10		<u>27</u>	<u>36</u>			<u>27</u>	<u>95</u>
P11		<u>30</u>	<u>53</u>			<u>30</u>	<u>146</u>
P12						<u>33</u>	<u>220</u>
P13						<u>36</u>	<u>288</u>
P14						<u>39</u>	<u>359</u>
P15						<u>42</u>	<u>408</u>
P16						<u>45</u>	<u>456</u>
P17							
P18							
P19							
P20							

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TKT 18290

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