

Company Lyman David Lease & Well No. #1 Mc Nabb
 Elevation 1320 Kelly Bushing Formation Lansing Effective Pay -- Ft. Ticket No. 13909
 Date 11/8/82 Sec. 2 Twp. 28S Range 4E County Butler State Kansas
 Test Approved by B. J. Johnson Western Representative Kenny Kirkendall
 Formation Test No. 1 Interval Tested from 1882 ft. to 1902 ft. Total Depth 1902 ft.
 Packer Depth 1882 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 1877 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 1885 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 1888 ft. Recorder Number 1049 Cap. 4250
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor White & Ellis Drlg. Rig #5 Drill Collar Length 360 I. D. = in.
 Mud Type chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight ----- Water Loss N/A cc. Drill Pipe Length 1502 I. D. - in.
 Chlorides 600 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 20 ft. Size 5 1/2 in.
 Did Well Flow? No 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 IF in.

Blow: Good blow initial flow period. Good blow final flow period.

Recovered 300 ft. of gas in pipe
 Recovered 285 ft. of muddy salt water slightly oil cut.
 Recovered - ft. of -
 Recovered - ft. of Chlorides 39,000 ppm
 Recovered - ft. of -

Remarks: _____

Time Set Packer(s) 1:00 A.M. Time Started Off Bottom 3:30 A.M. Maximum Temperature 93°
 Initial Hydrostatic Pressure 884 P.S.I.
 Initial Flow Period 30 Minutes (B) 51 P.S.I. to (C) 74 P.S.I.
 Initial Closed In Period 30 Minutes (D) 578 P.S.I.
 Final Flow Period 45 Minutes (E) 129 P.S.I. to (F) 131 P.S.I.
 Final Closed In Period 48 Minutes (G) 570 P.S.I.
 Final Hydrostatic Pressure 869 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/8/82 Test Ticket No. 13909
 Recorder No. 2605 Capacity 4150 Location 1885 Ft.
 Clock No. -- Elevation 1320 Kelly Bushing Well Temperature 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	884 P.S.I.	Open Tool	1:00A	M
B First Initial Flow Pressure	51 P.S.I.	First Flow Pressure	30 Mins.	39 Mins.
C First Final Flow Pressure	74 P.S.I.	Initial Closed-in Pressure	30 Mins.	39 Mins.
D Initial Closed-in Pressure	578 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	129 P.S.I.	Final Closed-in Pressure	45 Mins.	48 Mins.
F Second Final Flow Pressure	131 P.S.I.			
G Final Closed-in Pressure	570 P.S.I.			
H Final Hydrostatic Mud	869 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>9</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>51</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>129</u>	<u>0</u>	<u>131</u>
P 2 <u>5</u>	<u>51</u>	<u>3</u>	<u>260</u>	<u>5</u>	<u>129</u>	<u>3</u>	<u>284</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>371</u>	<u>10</u>	<u>129</u>	<u>6</u>	<u>362</u>
P 4 <u>15</u>	<u>59</u>	<u>9</u>	<u>440</u>	<u>15</u>	<u>129</u>	<u>9</u>	<u>417</u>
P 5 <u>20</u>	<u>65</u>	<u>12</u>	<u>484</u>	<u>20</u>	<u>129</u>	<u>12</u>	<u>459</u>
P 6 <u>25</u>	<u>72</u>	<u>15</u>	<u>514</u>	<u>25</u>	<u>129</u>	<u>15</u>	<u>484</u>
P 7 <u>30</u>	<u>74</u>	<u>18</u>	<u>536</u>	<u>30</u>	<u>129</u>	<u>18</u>	<u>503</u>
P 8		<u>21</u>	<u>552</u>	<u>35</u>	<u>129</u>	<u>21</u>	<u>518</u>
P 9		<u>24</u>	<u>564</u>	<u>40</u>	<u>130</u>	<u>24</u>	<u>529</u>
P10		<u>27</u>	<u>572</u>	<u>45</u>	<u>131</u>	<u>27</u>	<u>539</u>
P11		<u>30</u>	<u>578</u>			<u>30</u>	<u>547</u>
P12						<u>33</u>	<u>552</u>
P13						<u>36</u>	<u>556</u>
P14						<u>39</u>	<u>560</u>
P15						<u>42</u>	<u>564</u>
P16						<u>45</u>	<u>568</u>
P17						<u>48</u>	<u>570</u>
P18							
P19							
P20							

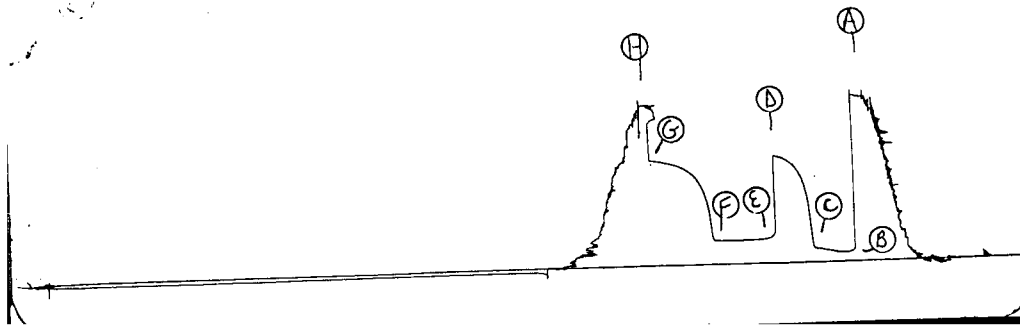
TKT # 13909

2609

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TKT # 1

13909





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 13909

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 252-5851

Elevation 1320 K^h

Formation Lancer

Eff. Pay Ft.

District Augusta

Date 11-8-82

Customer Order No.

COMPANY NAME Lyman David

ADDRESS Box 301 Lenora, K^o 67645

LEASE AND WELL NO. Mc Nabb #1 COUNTY Butler STATE K^o Sec. 2 Twp 28 Rge 4E

Mail Invoice To Copy to Bill Johnson 1015 Star E1 Durand K^o No. Copies Requested 1

Mail Charts To #1 MCNABB Address 67042 No. Copies Requested 5

Formation Test No. 1 Interval Tested from 1882 ft. to 1902 ft. Total Depth 1902 ft.

Packer Depth 1882 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 1877 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 1885 ft.

Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 1888 ft.

Recorder Number 1049 Cap. 4250

Below Straddle Recorder Depth ft.

Recorder Number Cap.

Drilling Contractor W & C # 5

Drill Collar Length 360 I. D. in.

Mud Type Chem Viscosity 40

Weight Pipe Length I. D. in.

Weight 40 lb Water Loss 12 1/4 cc.

Drill Pipe Length 1502 I. D. in.

Chlorides 600 P.P.M.

Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make NU Serial Number

Anchor Length 20 ft. Size 5 1/2 in.

Did Well Flow? NO 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 in.

Blow: good blow first flow, good blow second flow

Recovered 300 ft. of gas in pipe

Recovered 285 ft. of muddy salt water slightly oil cut

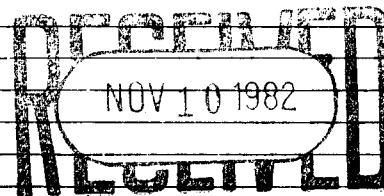
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Clouds 39,000



Time On Location A.M. P.M. Time Pick Up Tool A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 120 A.M. P.M. Time Started Off Bottom 3:30 A.M. P.M. Maximum Temperature 93°

Initial Hydrostatic Pressure (A) 881 P.S.I.

Initial Flow Period Minutes 30 (B) 52 P.S.I. to (C) 73 P.S.I.

Initial Closed In Period Minutes 30 (D) 560 591 P.S.I.

Final Flow Period Minutes 45 (E) 126 P.S.I. to (F) 126 P.S.I.

Final Closed In Period Minutes 45 (G) 560 P.S.I.

Final Hydrostatic Pressure (H) 881 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Signature of Customer or his authorized representative

Western Representative Kanny Kunkin

FIELD INVOICE

Open Hole Test \$ 600.00

Misrun \$

Straddle Test \$

Jars \$

Selective Zone \$

Safety Joint \$

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$

Mileage \$

Fluid Sampler \$

Extra Charts \$

Insurance \$

TOTAL \$ 600.00

WESTERN TESTING CO., INC.

Pressure Data

Date 11-8 Recorder No. 2605 Capacity 4150 Test Ticket No. 13909
 Clock No. --- Elevation 1320 KB Location 1885 Ft. Well Temperature 93 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>884</u> P.S.I.		<u>1:00</u> A	
B First Initial Flow Pressure	<u>51</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>74</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>578</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>129</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>131</u> P.S.I.			
G Final Closed-in Pressure	<u>570</u> P.S.I.			
H Final Hydrostatic Mud	<u>869</u> 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>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>16</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 0	<u>51</u>	0	<u>74</u>	0	<u>129</u>	0	<u>131</u>
P 2 5	<u>51</u>	3	<u>260</u>	5		3	<u>284</u>
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P 11 50		30	<u>578</u>	50		30	<u>547</u>
P 12 55		33		55		33	<u>552</u>
P 13 60		36		60		36	<u>556</u>
P 14		39		65		39	<u>560</u>
P 15		42		70		42	<u>564</u>
P 16		45		75		45	<u>568</u>
P 17		48		80		48	<u>570</u>
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	