



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO

8412 OK

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation 2074 KB Formation K.C. Eff. Pay Ft.

District Wakeeney Date 11-25-80 Customer Order No.

COMPANY NAME Price Resources

ADDRESS Box 5557 Euclid, Ok. 73701

LEASE AND WELL NO. Elberta #2 COUNTY Phillips STATE KS Sec. 15 Twp 45 Rge 194

Mail Invoice To Elberta #2 | Same No. Copies Requested 5

Mail Charts To Elberta #2 same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3260 ft. to 3300 ft. Total Depth 3300 ft.

Packer Depth 3255 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3260 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3291 ft. Recorder Number 1564 Cap 3150

Bottom Recorder Depth (Outside) 3299 ft. Recorder Number 2603 Cap 4400

Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Pioneer Rig #2 Drill Collar Length I. D. in.

Mud Type chem Viscosity 47 Weight Pipe Length 219 I. D. 2.76 in. XH

Weight 9.55 Water Loss 12.4 cc. Drill Pipe Length 3097 I. D. 3.8 in. FH

Chlorides 1,000 P.P.M. Test Tool Length 19 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 40 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 FH in.

Blow: Very Weak Blow Died in 20 min. Flushed Tool, NO Help.

Recovered 15 ft. of Oil Cut Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 1:30 A.M. Time Pick Up Tool 3:45 A.M. Time Off Location 10:00 A.M.

Time Set Packer(s) 5:27 A.M. Time Started Off Bottom 7:30 A.M. Maximum Temperature 94°

Initial Hydrostatic Pressure (A) 1728 P.S.I.

Initial Flow Period Minutes 30 (B) 47 P.S.I. to (C) 47 P.S.I.

Initial Closed In Period Minutes 30 (D) 522 P.S.I.

Final Flow Period Minutes 30 (E) 54 P.S.I. to (F) 62 P.S.I.

Final Closed In Period Minutes 30 (G) 537 P.S.I.

Final Hydrostatic Pressure (H) 1712 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 Ray Goodin Signature of Customer or his authorized representative

Western Representative Ken Metz

Thank you!

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$550.00), Mileage 68mi (\$51.00), and TOTAL (\$601.00).

WESTERN TESTING CO., INC.

Pressure Data

Date 11-25

Test Ticket No. 8412

Recorder No. 1564

Capacity 3150

Location 3291 Ft.

Clock No. _____

Elevation 2074 KB

Well Temperature 94 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>1728</u>	P.S.I.
B First Initial Flow Pressure	<u>64</u>	P.S.I.
C First Final Flow Pressure	<u>50</u>	P.S.I.
D Initial Closed-in Pressure	<u>523</u>	P.S.I.
E Second Initial Flow Pressure	<u>73</u>	P.S.I.
F Second Final Flow Pressure	<u>64</u>	P.S.I.
G Final Closed-in Pressure	<u>533</u>	P.S.I.
H Final Hydrostatic Mud	<u>1712</u>	P.S.I.

	Time Given	Time Computed
Open Tool	<u>5:27 A</u>	<u>M</u>
First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 10 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 0	<u>64</u>	0	<u>50</u>	0	<u>73</u>	0	<u>64</u>
P 2 5	<u>53</u>	3	<u>54</u>	5	<u>60</u>	3	<u>76</u>
P 3 10	<u>49</u>	6	<u>73</u>	10	<u>FLUSHED TOOL</u>	6	<u>121</u>
P 4 15	<u>49</u>	9	<u>118</u>	15	<u>64</u>	9	<u>196</u>
P 5 20	<u>49</u>	12	<u>199</u>	20	<u>62</u>	12	<u>307</u>
P 6 25	<u>50</u>	15	<u>324</u>	25	<u>62</u>	15	<u>411</u>
P 7 30	<u>50</u>	18	<u>425</u>	30	<u>64</u>	18	<u>464</u>
P 8 35		21	<u>481</u>	35		21	<u>494</u>
P 9 40		24	<u>509</u>	40		24	<u>514</u>
P10 45		27	<u>523</u>	45		27	<u>527</u>
P11 50		30		50		30	<u>533</u>
P12 55		33		55		33	
P13 60		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

TKT # 8412
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1564
8412



Company Price Resources Lease & Well No. Elberta #2
 Elevation 2074 Kelly Bushing Kansas City Formation Effective Pay - Ft. Ticket No. 8412
 Date 11-25-80 Sec. 15 Twp. 4S Range 19W County Phillips State Kansas
 Test Approved by Ray Goodin Western Representative Ken Metzler

Formation Test No. 1 Interval Tested from 3260 ft. to 3300 ft. Total Depth 3300 ft.
 Packer Depth 3255 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3260 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3291 ft. Recorder Number 1564 Cap. 3150
 Bottom Recorder Depth (Outside) 3294 ft. Recorder Number 2603 Cap. 4400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pioneer Rig #3 Drill Collar Length - I. D. - in.
 Mud Type Chemical Viscosity 47 Weight Pipe Length 219 I. D. 2.76 in.
 Weight 9.55 Water Loss 12.4 cc. Drill Pipe Length 3097 I. D. 3.8 in.
 Chlorides 1,000 P.P.M. Test Tool Length 19 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 40 ft. Size 5 1/2 OD 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 FH in.

Blow: Very weak blow died in twenty minutes on initial flow period. Dead on final flow period.
Flushed tool. No Help.

Recovered 15 ft. of oil cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 5:27 ~~P.M.~~ A.M. Time Started Off Bottom 7:30 ~~P.M.~~ A.M. Maximum Temperature 94
 Initial Hydrostatic Pressure 1728 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 64 P.S.I. to (C) 50 P.S.I.
 Initial Closed In Period 27 Minutes (D) 523 P.S.I.
 Final Flow Period 30 Minutes (E) 73 P.S.I. to (F) 64 P.S.I.
 Final Closed In Period 30 Minutes (G) 533 P.S.I.
 Final Hydrostatic Pressure 1712 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 11-25-80 Test Ticket No. 8412
 Recorder No. 1564 Capacity 3150 Location 3291 Ft.
 Clock No. - Elevation 2074 Kelly Bushing Well Temperature 94 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1728</u>	P.S.I.	<u>5:27A</u>	<u>M</u>
B First Initial Flow Pressure	<u>64</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>50</u>	P.S.I.	<u>30</u>	Mins. <u>27</u> Mins.
D Initial Closed-in Pressure	<u>523</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>73</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
F Second Final Flow Pressure	<u>64</u>	P.S.I.		
G Final Closed-in Pressure	<u>533</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1712</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: 9 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 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>64</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>73</u>	<u>0</u>	<u>64</u>
P 2 <u>5</u>	<u>53</u>	<u>3</u>	<u>54</u>	<u>5</u>	<u>60</u>	<u>3</u>	<u>76</u>
P 3 <u>10</u>	<u>49</u>	<u>6</u>	<u>73</u>	<u>10</u>	<u>64</u>	<u>6</u>	<u>121</u>
P 4 <u>15</u>	<u>49</u>	<u>9</u>	<u>118</u>	<u>15</u>	<u>64</u>	<u>9</u>	<u>196</u>
P 5 <u>20</u>	<u>49</u>	<u>12</u>	<u>199</u>	<u>20</u>	<u>62</u>	<u>12</u>	<u>307</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>324</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>411</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>425</u>	<u>30</u>	<u>64</u>	<u>18</u>	<u>464</u>
P 8 _____	_____	<u>21</u>	<u>481</u>	_____	_____	<u>21</u>	<u>494</u>
P 9 _____	_____	<u>24</u>	<u>509</u>	_____	_____	<u>24</u>	<u>514</u>
P10 _____	_____	<u>27</u>	<u>523</u>	_____	_____	<u>27</u>	<u>527</u>
P11 _____	_____	_____	_____	_____	_____	<u>30</u>	<u>533</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____