



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation

18-17s-34wScott, KS

150 N Main STE 905
Wichita, KS 67202-1317

Barnhart #2-18

Job Ticket: 44336

DST#: 1

ATTN: Bob O'Dell

Test Start: 2011.10.26 @ 23:55:00

GENERAL INFORMATION:

Formation: **Marmaton "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:47:30

Time Test Ended: 09:01:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 28

Interval: **4392.00 ft (KB) To 4435.00 ft (KB) (TVD)**

Total Depth: 4435.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3084.00 ft (KB)

3074.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 271.46 psig @ 4393.00 ft (KB)

Start Date: 2011.10.26

End Date:

2011.10.27

Capacity: 8000.00 psig

Last Calib.: 2011.10.27

Start Time: 23:55:31

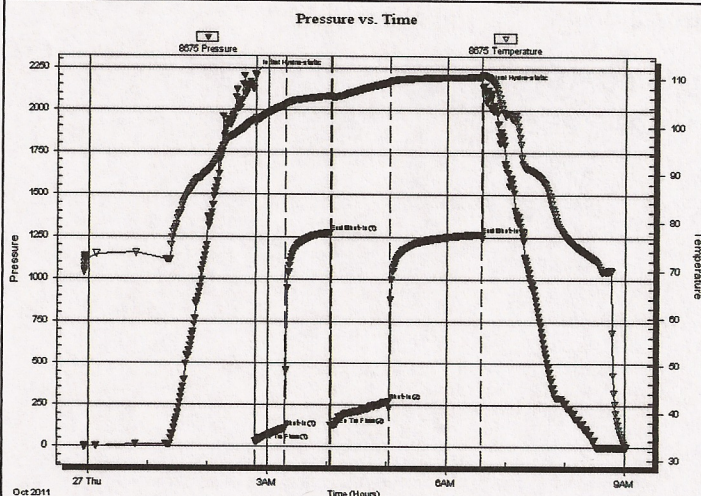
End Time:

09:01:30

Time On Btm: 2011.10.27 @ 02:46:45

Time Off Btm: 2011.10.27 @ 06:36:30

TEST COMMENT: B.O.B. in 11 min
Built to 1/4" return blow
B.O.B. in 11 1/2 min.
Built to 1/4" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.83	101.38	Initial Hydro-static
2	31.71	100.53	Open To Flow (1)
32	109.95	104.31	Shut-In(1)
76	1277.31	106.29	End Shut-In(1)
77	130.45	105.99	Open To Flow (2)
136	271.46	109.14	Shut-In(2)
229	1267.52	110.35	End Shut-In(2)
230	2135.22	110.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	270 feet gas in pipe	0.00
226.00	100% Clean Oil	3.17
186.00	mcgo 10%M 30%G 60%O	2.61
124.00	mcgo 20%M 40%G 40%O	1.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Eagle Creek Corporation

18-17s-34wScott, KS

150 N Main STE 905
Wichita, KS 67202-1317

Barnhart #2-18

Job Ticket: 44337

DST#: 2

ATTN: Bob O'Dell

Test Start: 2011.10.27 @ 22:15:00

GENERAL INFORMATION:

Formation: **Marmaton "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:26:30

Time Test Ended: 07:00:30

Interval: **4445.00 ft (KB) To 4478.00 ft (KB) (TVD)**

Total Depth: 4478.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 28

Reference Elevations: 3084.00 ft (KB)

3074.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8675**

Inside

Press@RunDepth: 348.10 psig @ 4446.00 ft (KB)

Start Date: 2011.10.27 End Date: 2011.10.28

Start Time: 22:15:01 End Time: 07:00:30

Capacity: 8000.00 psig

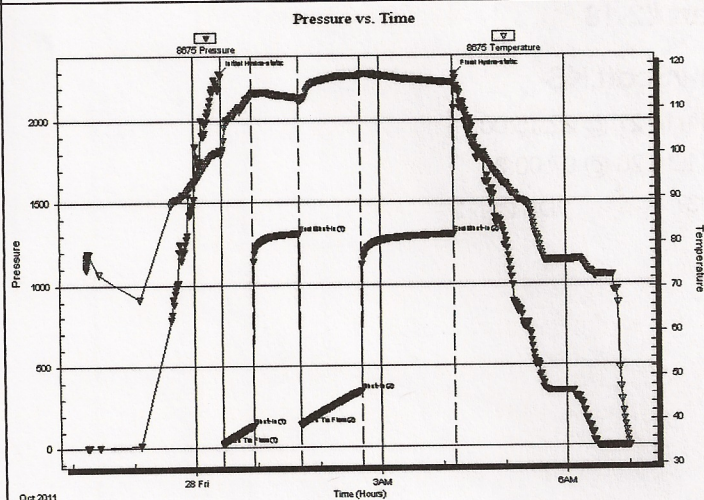
Last Calib.: 2011.10.28

Time On Btm: 2011.10.28 @ 00:25:15

Time Off Btm: 2011.10.28 @ 04:12:45

TEST COMMENT: B.O.B. in 13 1/2 min.
No return blow
B.O.B. in 12 1/2 min.
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.33	100.55	Initial Hydro-static
2	22.14	99.63	Open To Flow (1)
32	132.05	113.23	Shut-In(1)
76	1311.03	112.52	End Shut-In(1)
77	137.08	111.77	Open To Flow (2)
137	348.10	117.51	Shut-In(2)
227	1304.40	115.83	End Shut-In(2)
228	2278.48	114.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 40%M 60%W	1.74
598.00	mcw 10%M 90%W	8.39

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 44337

Printed: 2011.11.02 @ 15:15:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main STE 905
Wichita, KS 67202-1317

ATTN: Bob O'Dell

18-17s-34w Scott, KS

Barnhart #2-18

Job Ticket: 44338

DST#: 3

Test Start: 2011.10.28 @ 18:45:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:13:30

Time Test Ended: 02:49:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 28

Interval: **4496.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Total Depth: 4530.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3084.00 ft (KB)

3074.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 37.01 psig @ 4497.00 ft (KB)

Start Date: 2011.10.28

End Date: 2011.10.29

Start Time: 18:45:01

End Time: 02:49:30

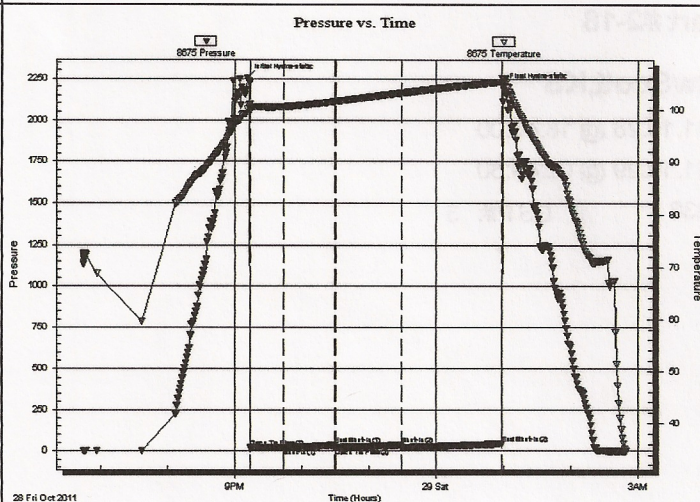
Capacity: 8000.00 psig

Last Calib.: 2011.10.29

Time On Btm: 2011.10.28 @ 21:11:15

Time Off Btm: 2011.10.29 @ 00:59:30

TEST COMMENT: Built to 1/4" blow
No return blow
No blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.95	99.99	Initial Hydro-static
3	17.55	99.49	Open To Flow (1)
33	19.23	100.48	Shut-In(1)
78	35.63	101.49	End Shut-In(1)
79	19.25	101.51	Open To Flow (2)
138	37.01	103.16	Shut-In(2)
228	43.54	105.32	End Shut-In(2)
229	2202.15	105.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100% Mud	0.01

* Recovery from multiple tests

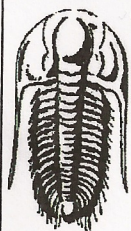
Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 44338

Printed: 2011.11.02 @ 15:15:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main STE 905
Wichita, KS 67202-1317

ATTN: Bob O'Dell

18-17s-34wScott, KS

Barnhart #2-18

Job Ticket: 44339

DST#: 4

Test Start: 2011.10.30 @ 11:40:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:45

Time Test Ended: 17:52:15

Interval: **4658.00 ft (KB) To 4710.00 ft (KB) (TVD)**

Total Depth: 4710.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 28

Reference Elevations: 3084.00 ft (KB)

3074.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 25.18 psig @ 4659.00 ft (KB)

Start Date: 2011.10.30

End Date:

2011.10.30

Start Time: 11:40:01

End Time:

17:52:15

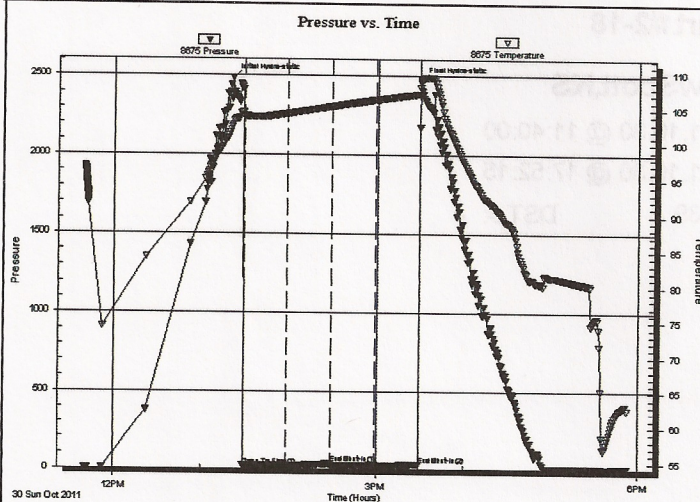
Capacity: 8000.00 psig

Last Calib.: 2011.10.30

Time On Btm: 2011.10.30 @ 13:21:15

Time Off Btm: 2011.10.30 @ 15:30:00

TEST COMMENT: Weak surface blow
No return blow
No blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2486.03	102.79	Initial Hydro-static
8	20.27	103.81	Open To Flow (1)
38	21.20	104.33	Shut-In(1)
68	33.03	105.39	End Shut-In(1)
68	20.44	105.40	Open To Flow (2)
98	25.18	106.35	Shut-In(2)
128	28.41	107.19	End Shut-In(2)
129	2474.12	108.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100% Mud	0.01

* Recovery from multiple tests

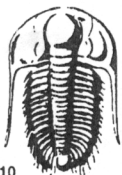
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 44339

Printed: 2011.11.02 @ 15:16:10



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 31 2011

Test Ticket

NO. 44336 14029

Well Name & No. Barnhart/Wilkinson 2-18 Test No. 1 Date 10/26/11
Company Eagle Creek Corporation Elevation 3084 KB 3074 GL
Address 150 W Main STE 905 Wichita KS 67202-1317
Co. Rep / Geo. Bob O'Dell Rig ValEnergy Rig 4
Location: Sec. 18 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested 4392 - 4435 Zone Tested Marmaton "A"
Anchor Length 43 Drill Pipe Run 4377 Mud Wt. 9.1
Top Packer Depth 4388 Drill Collars Run 0 Vis 56
Bottom Packer Depth 4392 Wt. Pipe Run 0 WL 8.0
Total Depth 4435 Chlorides 4,600 ppm System LCM 2

Blow Description Built to B.O.B. in 11 min
Built to 1/4" return below
B.O.B. in 11 1/2 min.
Built to 1/4" return below

Rec	Feet of	%gas	%oil	%water	%mud
	270' Gas In Pipe				
Rec 226	Feet of Clean Oil	%gas	100%oil	%water	%mud
Rec 186	Feet of mcco	30%gas	60 %oil	%water 10	%mud
Rec 124	Feet of mcco	40%gas	40 %oil	%water 20	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 536 BHT 110 Gravity 31 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>2,214</u>	☒ Test	<u>1225-</u>	T-On Location	<u>20:00</u>
(B) First Initial Flow	<u>32</u>	☒ Jars	<u>250</u>	T-Started	<u>23:55</u>
(C) First Final Flow	<u>110</u>	☒ Safety Joint	<u>75'</u>	T-Open	<u>2:48</u>
(D) Initial Shut-In	<u>1,277</u>	☒ Circ Sub	<u>N/C</u>	T-Pulled	<u>6:35</u>
(E) Second Initial Flow	<u>130</u>	☐ Hourly Standby	<u>2 hrs 200</u>	T-Out	<u>9:01</u>
(F) Second Final Flow	<u>271</u>	☒ Mileage	<u>40 RT 56-</u>	Comments	
(G) Final Shut-In	<u>1,268</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2,135</u>	☐ Straddle		☐ Ruined Shale Packer	

Initial Open 30
Initial Shut-In 45
Final Flow 60
Final Shut-In 90

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☒ Accessibility 150

Sub Total 2056

☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 2056
MP/DST Disc't

Approved By Bob O'Dell Our Representative [Signature]

TriLOBITE TESTING INC. shall not be liable for damaged or any kind of 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, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 31 2011
BY:

Test Ticket

NO. 44337

Well Name & No. Barnhart/Wilkinson 2-18 Test No. 2 Date 10/27/11
 Company Eagle Creek Corporation Elevation 3084 KB 3074 GL
 Address 150 N. Main STE 905 Wichita KS 67202-1317
 Co. Rep / Geo. Bole O'Dell Rig Val Energy Rig 4
 Location: Sec. 18 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested 4445 - 4478 Zone Tested Marmaton "C, D"
 Anchor Length 33 Drill Pipe Run 4441 Mud Wt. 9.4
 Top Packer Depth 4441 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 4445 Wt. Pipe Run 0 WL 8.0
 Total Depth 4478 Chlorides 6,500 ppm System LCM 2
 Blow Description B.O.B. in 13 1/2 min.
No return below
B.O.B. in 12 1/2 min.
No return below

Rec <u>124</u>	Feet of <u>mcw</u>	%gas	%oil	%water	%mud
Rec <u>598</u>	Feet of <u>mcw</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 722 BHT _____ Gravity _____ API RW 39 @ 29 °F Chlorides 40,000 ppm
 (A) Initial Hydrostatic 2,286 ☒ Test 1225
 (B) First Initial Flow 22 ☒ Jars 250
 (C) First Final Flow 132 ☒ Safety Joint 75
 (D) Initial Shut-In 1,311 ☒ Circ Sub 11C
 (E) Second Initial Flow 137 ☐ Hourly Standby 1 1/2 hr 50
 (F) Second Final Flow 348 ☒ Mileage 40 RT 50
 (G) Final Shut-In 1,304 ☐ Sampler _____
 (H) Final Hydrostatic 2,278 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☒ Accessibility 100
 Sub Total 1805

T-On Location 20:30
 T-Started 22:15
 T-Open 00:26
 T-Pulled 4:11
 T-Out 7:00
 Comments _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

☐ Ruined Shale Packer _____
☒ Ruined Packer 320
☐ Extra Copies _____
 Sub Total 320
 Total 2126
 MP/DST Disc't _____

Approved By Bole O'Dell

Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 31 2011
BY: _____

Test Ticket

NO. 44338

Well Name & No. Barnhart/Wilkinson Test No. 3 Date 10/28/11
Company Eagle Creek Corporation Elevation 3084 KB 3074 GL
Address 150 N Main STE 905 Wichita KS 67202 - 1317
Co. Rep / Geo. Bole O'Dell Rig Val Energy Rig 4
Location: Sec. 18 Twp. 17s Rge. 34w Co. Scott State KS

Interval Tested 4496 - 4530 Zone Tested Pawnee
Anchor Length 34 Drill Pipe Run _____ Mud Wt. 9.4
Top Packer Depth 4492 Drill Collars Run 0 Vis 57
Bottom Packer Depth 4496 Wt. Pipe Run 0 WL 9.6
Total Depth 4530 Chlorides 7,400 ppm System LCM 2
Blow Description Built to 1/4" below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>100% Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

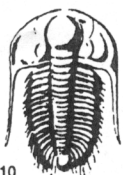
Rec Total 1 BHT 105 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
(A) Initial Hydrostatic 2,256 ☒ Test 1225 T-On Location 17:30
(B) First Initial Flow 18 ☒ Jars 250 T-Started 18:45
(C) First Final Flow 19 ☒ Safety Joint 75 T-Open 21:14
(D) Initial Shut-In 36 ☒ Circ Sub N/C T-Pulled 00:59
(E) Second Initial Flow 19 ☐ Hourly Standby _____ T-Out 2:49
(F) Second Final Flow 37 ☒ Mileage 40 RT 56 Comments _____
(G) Final Shut-In 44 ☐ Sampler _____
(H) Final Hydrostatic 2,202 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☒ Accessibility 150
Sub Total 1756

Initial Open 30
Initial Shut-In 45
Final Flow 60
Final Shut-In 90

Approved By Bole O'Dell

Our Representative Joe McK...

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 31 2011

Test Ticket

NO. 44339

4/10

BY: _____

Well Name & No. Barnhart / Wilkinson Test No. 4 Date 10/30/11
Company Eagle Creek Corporation Elevation 3084 KB 3074 GL
Address 150 N Main STE 905 Wichita KS 67202-1317
Co. Rep / Geo. Bole O'Dell Rig Val Energy Rig 4
Location: Sec. 18 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested 4658 - 4710 Zone Tested Johnson
Anchor Length 52 Drill Pipe Run 4658 Mud Wt. 9.3
Top Packer Depth 4654 Drill Collars Run 0 Vis 53
Bottom Packer Depth 4658 Wt. Pipe Run 0 WL 9.6
Total Depth 4710 Chlorides 8,500 ppm System LCM 2

Blow Description Weak surface below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>100% m</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	<u>2,486</u>	☒ Test	<u>1225</u>	T-On Location	<u>11:35</u>
(B) First Initial Flow	<u>20</u>	☒ Jars	<u>250</u>	T-Started	<u>11:40</u>
(C) First Final Flow	<u>21</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>13:28</u>
(D) Initial Shut-In	<u>33</u>	☒ Circ Sub	<u>No Charge</u>	T-Pulled	<u>15:28</u>
(E) Second Initial Flow	<u>20</u>	☒ Hourly Standby		T-Out	<u>17:52</u>
(F) Second Final Flow	<u>25</u>	☒ Mileage	<u>40 RT 56</u>	Comments	
(G) Final Shut-In	<u>28</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2,474</u>	☐ Straddle		☐ Ruined Shale Packer	

Initial Open 30
Initial Shut-In 30
Final Flow 30
Final Shut-In 30

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☒ Day Standby 1 day + 834 hrs
☒ Accessibility 150

☐ Ruined Packer
☐ Extra Copies
Sub Total 291.73
Total 2047.73
MP/DST Disc't _____

Sub Total 1604.00 1756

Approved By Bob O'Dell Our Representative [Signature]

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