



DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co, Inc.**

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

ATTN: Pat Deenihan

James #3-26

26-10s34w Thomas,KS

Start Date: 2013.08.25 @ 22:46:00

End Date: 2013.08.26 @ 06:43:45

Job Ticket #: 53043 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.28 @ 09:31:47

Slawson Exploration Co, Inc.
26-10s34w Thomas,KS
James #3-26
DST # 1
LKC "J"
2013.08.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Slawson Exploration Co, Inc.

26-10s34w Thomas,KS

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53043

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.08.25 @ 22:46:00

GENERAL INFORMATION:

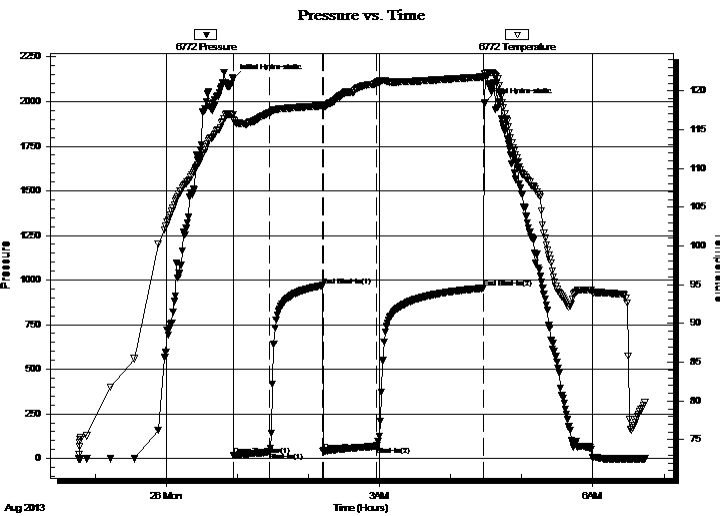
Formation: **LKC "J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:56:45
 Time Test Ended: 06:43:45
 Interval: **4300.00 ft (KB) To 4328.00 ft (KB) (TVD)**
 Total Depth: 4328.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cornelio Landa III (
 Unit No: 64
 Reference Elevations: 3171.00 ft (KB)
 3166.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772

Outside

Press @ Run Depth: 68.19 psig @ 4303.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.25 End Date: 2013.08.26 Last Calib.: 2013.08.26
 Start Time: 22:46:05 End Time: 06:43:44 Time On Btm: 2013.08.26 @ 00:56:30
 Time Off Btm: 2013.08.26 @ 04:28:45

TEST COMMENT: IF: 1 1/8" blow
 IS: No return
 FF: 1/2" blow -after 15 min. open
 FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.28	116.93	Initial Hydro-static
1	17.76	116.26	Open To Flow (1)
31	37.31	117.18	Shut-In(1)
76	965.77	118.08	End Shut-In(1)
76	41.25	117.75	Open To Flow (2)
121	68.19	120.95	Shut-In(2)
212	954.71	121.80	End Shut-In(2)
213	1992.12	122.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Om 20o 80m	0.30
60.00	Clean oil 100o	0.34

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53043

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.08.25 @ 22:46:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:45

Time Test Ended: 06:43:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III (

Unit No: 64

Interval: 4300.00 ft (KB) To 4328.00 ft (KB) (TVD)

Reference Elevations: 3171.00 ft (KB)

Total Depth: 4328.00 ft (KB) (TVD)

3166.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press @ Run Depth: psig @ 4303.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.25

End Date:

2013.08.26

Last Calib.:

2013.08.26

Start Time: 22:46:05

End Time:

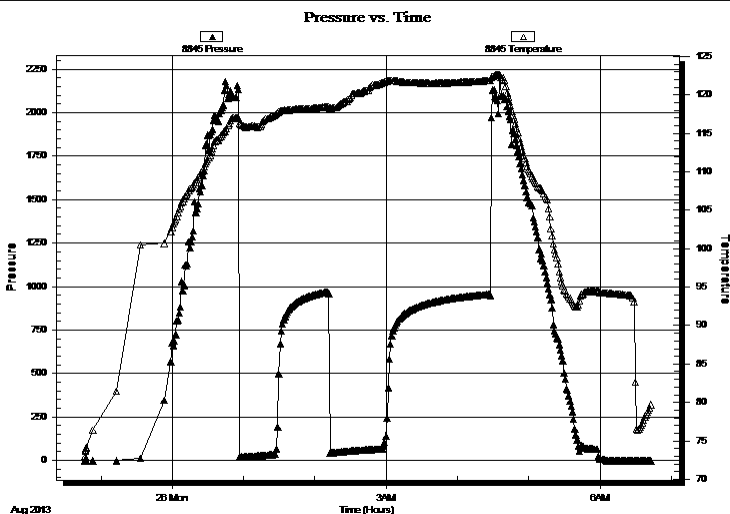
06:43:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1 1/8" blow
IS: No return
FF: 1/2" blow -after 15 min. open
FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Om 20o 80m	0.30
60.00	Clean oil 100o	0.34

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slaw son Exploration Co, Inc.

26-10s34w Thomas,KS

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53043

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.08.25 @ 22:46:00

Tool Information

Drill Pipe:	Length: 4187.00 ft	Diameter: 3.80 inches	Volume: 58.73 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 115.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 59.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4300.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4274.00	
Shut In Tool	5.00			4279.00	
Hydraulic tool	5.00			4284.00	
Jars	5.00			4289.00	
Safety Joint	2.00			4291.00	
Packer	5.00			4296.00	27.00 Bottom Of Top Packer
Packer	4.00			4300.00	
Stubb	1.00			4301.00	
Perforations	2.00			4303.00	
Recorder	0.00	6772	Outside	4303.00	
Recorder	0.00	8845	Outside	4303.00	
Perforations	20.00			4323.00	
Bullnose	5.00			4328.00	28.00 Bottom Packers & Anchor

Total Tool Length: 55.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Slaw son Exploration Co, Inc.

26-10s34w Thomas,KS

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53043

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.08.25 @ 22:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Om 20o 80m	0.295
60.00	Clean oil 100o	0.341

Total Length: 120.00 ft Total Volume: 0.636 bbl

Num Fluid Samples: 0

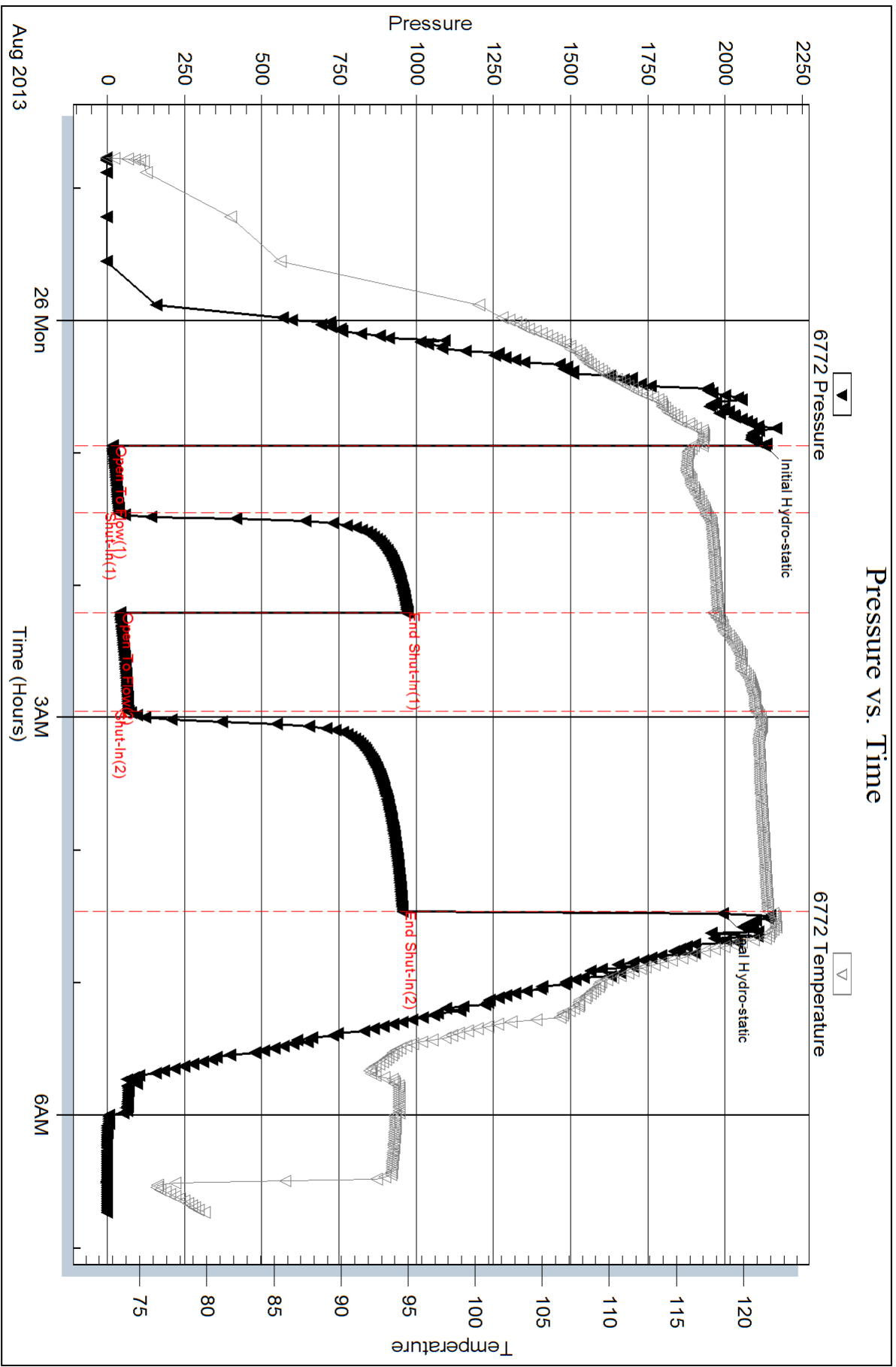
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 38@80



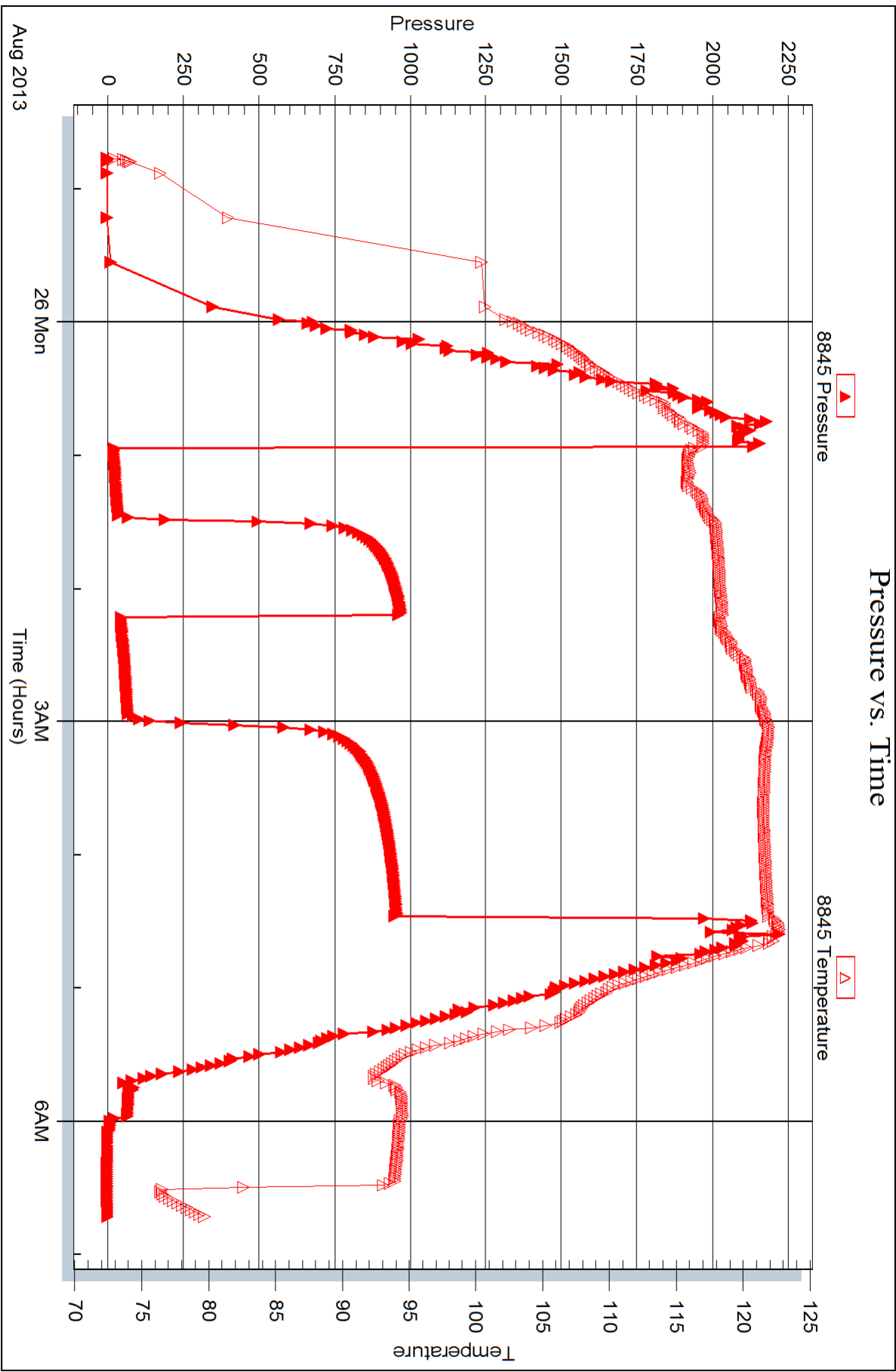
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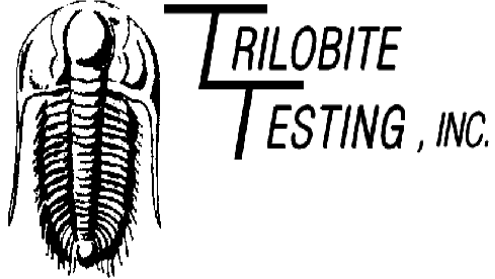
Outside

Slaw son Exploration Co., Inc.

James #3-26

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co, Inc.**

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

ATTN: Pat Deenihan

James #3-26

26-10s34w Thomas,KS

Start Date: 2013.08.26 @ 14:11:00

End Date: 2013.08.26 @ 23:25:00

Job Ticket #: 53044 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.28 @ 09:33:14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Slawson Exploration Co, Inc.

26-10s34w Thomas,KS

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53044

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.08.26 @ 14:11:00

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:51:00
 Time Test Ended: 23:25:00
 Interval: **4320.00 ft (KB) To 4350.00 ft (KB) (TVD)**
 Total Depth: 4350.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cornelio Landa III (
 Unit No: 64
 Reference Elevations: 3171.00 ft (KB)
 3166.00 ft (CF)
 KB to GR/CF: 5.00 ft

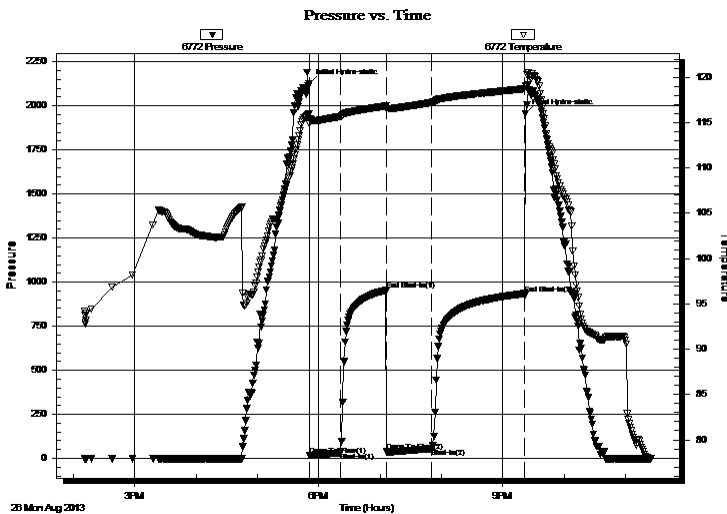
Serial #: 6772

Outside

Press @ Run Depth: 55.62 psig @ 4325.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.26 End Date: 2013.08.26 Last Calib.: 2013.08.26
 Start Time: 14:11:05 End Time: 23:25:00 Time On Btm: 2013.08.26 @ 17:50:45
 Time Off Btm: 2013.08.26 @ 21:22:30

TEST COMMENT: IF: 1 1/8" blow
 IS: No return
 FF: No blow
 FSI: Blow after 3 hr 20 min.-w eak surface blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2124.63	116.01	Initial Hydro-static
1	16.94	114.87	Open To Flow (1)
31	32.23	115.67	Shut-In(1)
75	953.36	116.81	End Shut-In(1)
76	37.76	116.55	Open To Flow (2)
120	55.62	117.21	Shut-In(2)
211	934.96	118.73	End Shut-In(2)
212	1954.16	119.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mw 30m 70w	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



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TOOL DIAGRAM

Slawson Exploration Co, Inc.

26-10s34w Thomas,KS

204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53044

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.08.26 @ 14:11:00

Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 115.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 59.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4320.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer-Waited 2 hrs for rig repairs.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4294.00	
Shut In Tool	5.00			4299.00	
Hydraulic tool	5.00			4304.00	
Jars	5.00			4309.00	
Safety Joint	2.00			4311.00	
Packer	5.00			4316.00	27.00 Bottom Of Top Packer
Packer	4.00			4320.00	
Stubb	1.00			4321.00	
Perforations	4.00			4325.00	
Recorder	0.00	6772	Outside	4325.00	
Recorder	0.00	8845	Outside	4325.00	
Perforations	20.00			4345.00	
Bullnose	5.00			4350.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



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204 N. Robinson Ave. Ste.#2300
Oklahoma City, Ok 73102

James #3-26

Job Ticket: 53044

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.08.26 @ 14:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

58000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mw 30m 70w	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

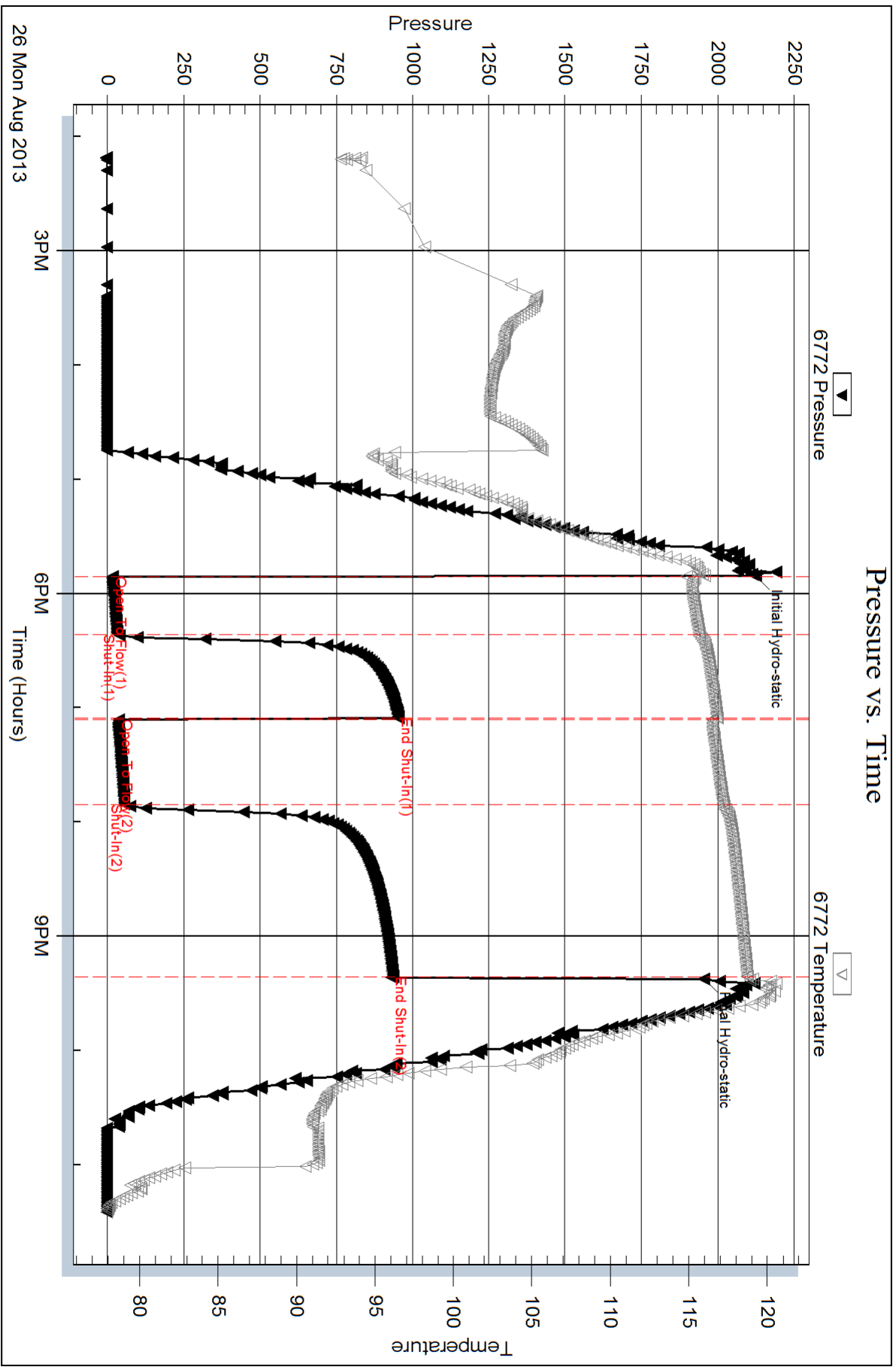
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .19@81=58000ppm



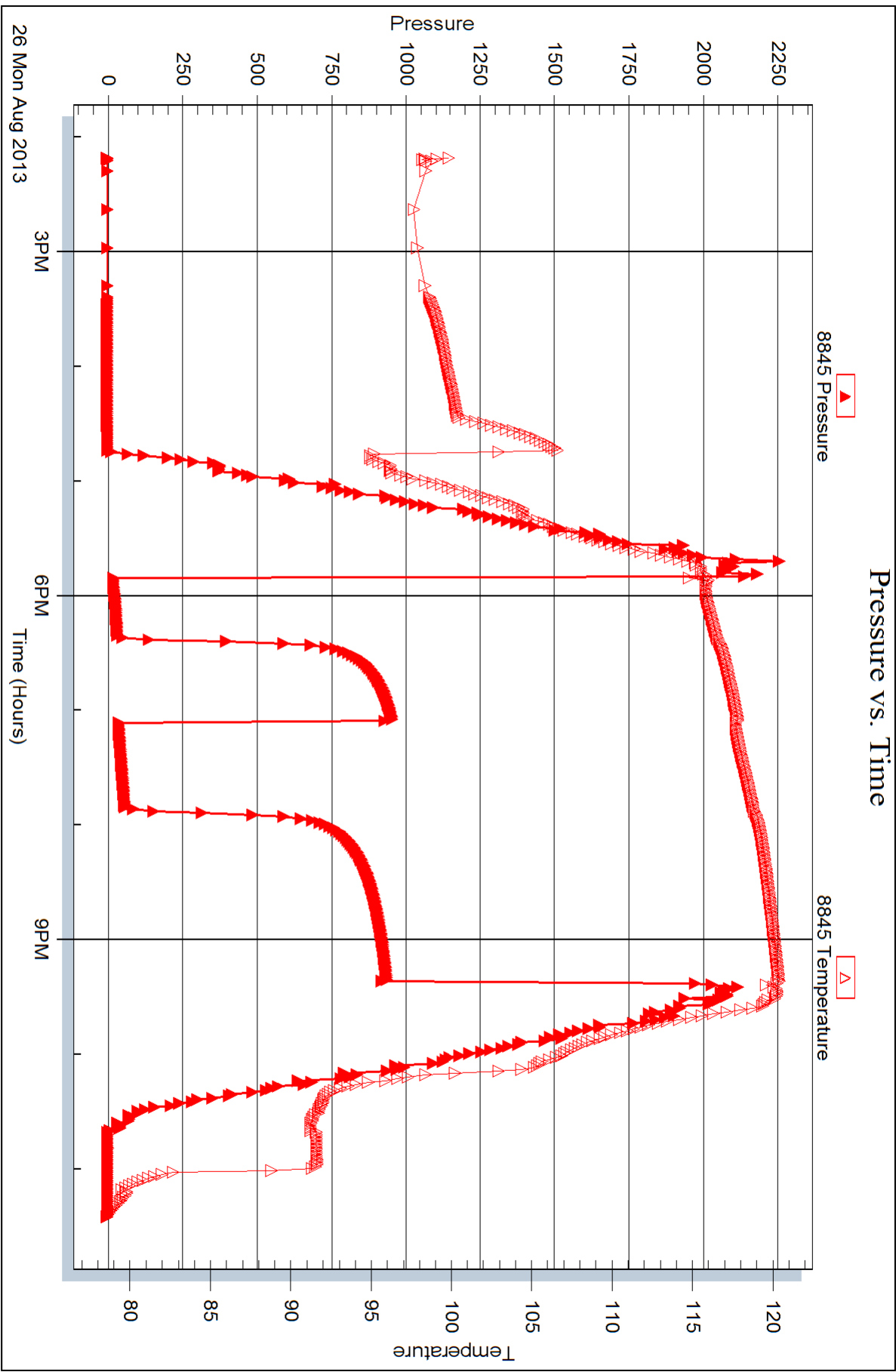
Serial #: 8845

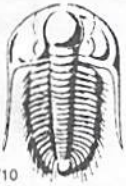
Outside

Slaw son Exploration Co. Inc.

James #3-26

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53043

Well Name & No. James #3-26 Test No. 1 Date 8-25-13
 Company Slawson Exploration Co. Inc Elevation 3171 KB 3166 GL
 Address 204 N. Robinson Ave. Ste #2300 - Oklahoma City, OK 73102
 Co. Rep / Geo. Pat Deenihan Rig WW#8
 Location: Sec. 26 Twp. 10S Rge. 34W Co. Thomas State KS

Interval Tested 4300-4328 Zone Tested Lansing 5'
 Anchor Length 28' Drill Pipe Run 4187 Mud Wt. 9.2
 Top Packer Depth 4296 Drill Collars Run 115 Vis 59
 Bottom Packer Depth ~~4300~~ 4300 Wt. Pipe Run Ø WL 7.2
 Total Depth 4328 Chlorides 3900 ppm System LCM 1

Blow Description IF: 1/8 in blow
ISF: No Return
FF: ~~1/8 in blow~~ 1/2 in blow - after 15 min. open
FSF: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>OM</u>		<u>20%</u>		<u>80%</u>
<u>60</u>	<u>Oil 100% clean oil</u>				<u>100%</u>

Rec Total 120 BHT 122 Gravity 34 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2129 Test 1250 T-On Location 20:45
 (B) First Initial Flow 17 Jars 250 T-Started 22:46
 (C) First Final Flow 37 Safety Joint 75 T-Open 00:57
 (D) Initial Shut-In 965 Circ Sub NIC T-Pulled 04:27
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 06:44
 (F) Second Final Flow 68 Mileage 130 RIT 201.50 Comments Stayed in motel
 (G) Final Shut-In 954 Sampler _____
 (H) Final Hydrostatic 1992 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Sub Total 2026.50 Accessibility _____ Total 2026.50
 Sub Total 2026.50 MP/DST Disc't _____

Approved By _____ Our Representative C. Mohr

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 occurred 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53044

Well Name & No. James #3-26 Test No. 2 Date 8-26-13
 Company Slawson Exploration Co. Inc Elevation 3171 KB 3166 GL
 Address 204 N. Robinson Ave. STE 2300 - Oklahoma City, OK 73102
 Co. Rep / Geo. Pat Deenihan Rig WW#8
 Location: Sec. 26 Twp. 10S Rge. 34W Co. Thomas State KS

Interval Tested 4320-4350 Zone Tested LKC "K"
 Anchor Length 30' Drill Pipe Run 4190 Mud Wt. 9.0
 Top Packer Depth 4316 Drill Collars Run 115 Vis 40
 Bottom Packer Depth 4320 Wt. Pipe Run 8 WL 8.0
 Total Depth 4350 Chlorides 4,000 ppm System LCM #2

Blow Description 2F 1/8 in Blow
BSI No Return

FE: NO BLOW
BSI ~~Blow~~ Blow after 3hr 20min - weak surface blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>US</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total US BHT 119 Gravity — API RW 19 @ 81°F Chlorides 5800 ppm

(A) Initial Hydrostatic <u>2124</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>13:55</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>14:11</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:50</u>
(D) Initial Shut-In <u>953</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>21:20</u>
(E) Second Initial Flow <u>37</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:25</u>
(F) Second Final Flow <u>55</u>	<input checked="" type="checkbox"/> Mileage <u>201.50</u>	Comments <u>Stayed in motel</u>
(G) Final Shut-In <u>934</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1954</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>2376.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2026.50</u>	

Approved By _____ 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.