



KANSAS CORPORATION COMMISSION 1101039
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32639
Name: Coral Production Corporation
Address 1: 1600 STOUT ST STE 1500
Address 2: _____
City: DENVER State: CO Zip: 80202 + 3133
Contact Person: JIM WIEGER
Phone: (303) 623-3573
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: TIM LAUER
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

11/01/2012 11/08/2012 11/08/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23771-00-00

Spot Description: _____
NW NE SW NE Sec. 4 Twp. 22 S. R. 14 East West
1450 Feet from North / South Line of Section
1750 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Stafford

Lease Name: B. KEENAN Well #: 4-1

Field Name: _____

Producing Formation: N/A

Elevation: Ground: 1940 Kelly Bushing: 1950

Total Depth: 3821 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 858 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx crmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 9000 ppm Fluid volume: 220 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: CORAL PRODUCTION CORP.

Lease Name: MCGINTY 6 SWD License #: 32639

Quarter SW Sec. 36 Twp. 21 S. R. 14 East West

County: STAFFORD Permit #: D28695

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrick Date: 11/27/2012



1101039

Operator Name: Coral Production Corporation Lease Name: B. KEENAN Well #: 4-1
 Sec. 4 Twp. 22 S. R. 14 East West County: Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	858	POZ	400	3% CC, 6% GEL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Coral Production Corporation
Well Name	B. KEENAN 4-1
Doc ID	1101039

Tops

ANHYDRITE	856	1094
TOPEKA	2943	-993
HEEBNER	3315	-1365
LANSING	3445	-1495
BKC	3684	-1734
VIOLA	3727	-1777
SIMPSON SH	3768	-1818
SIMPSON SD	3788	-1838
ARBUCKLE	3816	-1866

ALLIED OIL & GAS SERVICES, LLC 059151

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
East Bend, K

DATE <u>8-12</u>	SEC <u>4</u>	TWP <u>22</u>	RANGE <u>14</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Kesnon</u>	WELL # <u>4-1</u>	LOCATION <u>Radium 2 East, 1/2 South</u>			COUNTY <u>Stephens</u>	STATE <u>K</u>	
OLD OR NEW (Circle one) <u>Waste into</u>				1.03		7.3	

CONTRACTOR Manovich
 TYPE OF JOB Setting Plug
 HOLE SIZE 7 7/8" TD 3815'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 3815'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED 210
1/2 40 49 22

COMMON	<u>136</u>	@ <u>17.90</u>	<u>2,255.40</u>
POZMIX	<u>89</u>	@ <u>9.35</u>	<u>785.25</u>
GEL	<u>7</u>	@ <u>23.90</u>	<u>163.25</u>
CHLORIDE		@	
ASC		@	
	<u>1655.01</u>	<u>53</u>	@ <u>2.97</u> <u>157.21</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>225.57</u>	@ <u>2.48</u>	<u>559.21</u>
MILEAGE	<u>9.4 X 14 X</u>	<u>2.60</u>	<u>342.16</u>
			TOTAL <u>4,263.58</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Tina Decker</u>	<u>1</u>
# <u>395</u>	HELPER	<u>Jack Isaac</u>	<u>2</u>
BULK TRUCK			
# <u>394-170</u>	DRIVER	<u>Don Carter</u>	<u>2</u>
BULK TRUCK			
# _____	DRIVER		

REMARKS:
1 7/8 Plug - 50 lbs of 3815'
2 1/2 Plug - 50 lbs of 870'
3 1/2 Plug - 40 lbs of 250'
4 1/2 Plug - 20 lbs of 60'
2 1/2" - 30 lbs
Manovich 20 lbs

131.6

SERVICE

DEPTH OF JOB	<u>3815'</u>		
PUMP TRUCK CHARGE	<u>2600.22</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>Num 14</u>	@ <u>7.70</u>	<u>107.80</u>
MANIFOLD		@	
	<u>Num 14</u>	@ <u>4.40</u>	<u>61.60</u>
			TOTAL <u>2,769.87</u>

CHARGE TO: Carol Production, Corp
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

SALES TAX (If Any)	<u>513.44</u>
TOTAL CHARGES	<u>7,033.45</u>
DISCOUNT	<u>25% 1,758.38</u>
	<u>5,275.07</u>

IF PAID IN 30 DAYS

PRINTED NAME X Basil E. Farmer
 SIGNATURE X Basil E. Farmer

ALLIED OIL & GAS SERVICES, LLC 059072

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Market Road K

DATE <u>11-2-12</u>	SEC <u>4</u>	TWR <u>22</u>	RANGE <u>14</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>11:00 AM</u>	JOB START <u>11:30 PM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>By Korman</u>	WELL # <u>4-1</u>	LOCATION <u>Radium - 2 East, 1/2 South</u>			COUNTRY <u>USA</u>	STATE <u>K</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Wait into</u>		<u>101</u>	<u>7.3</u>

CONTRACTOR <u>Mawardi</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>813'</u>
CASING SIZE <u>8 7/8"</u>	DEPTH <u>858'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>38'</u>
CEMENT LEFT IN CSG. <u>38'</u>	
PERFS.	
DISPLACEMENT <u>52.23 bbls</u>	

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Tom Diehl</u>	1
# <u>366</u> HELPER <u>Kevin Eddy</u>	2
BULK TRUCK # <u>434-170</u> DRIVER <u>Kevin Wray</u>	3
BULK TRUCK # <u>432-112</u> DRIVER <u>Don Cooper</u>	2

CEMENT AMOUNT ORDERED <u>250 cu ft 15/35 60 and 30 cc</u>	
<u>1/4" Flashed / in</u>	
<u>150 cu ft + 30 cc 270 ad</u>	
COMMON <u>150</u>	@ <u>17.90</u> <u>2,685.00</u>
POZMIX	@
GEL <u>3</u>	@ <u>23.40</u> <u>70.20</u>
CHLORIDE <u>15</u>	@ <u>64.00</u> <u>960.00</u>
ASC	@
<u>Alum 250</u>	@ <u>16.90</u> <u>4225.00</u>
<u>Plastic 50</u>	@ <u>2.97</u> <u>148.50</u>
HANDLING <u>50 lb 28</u>	@ <u>2.48</u> <u>1243.12</u>
MILEAGE <u>21.82 x 14 x 2.60</u>	<u>797.24</u>
TOTAL	<u>10,136.11</u>

REMARKS:
Ran 858' of 8 7/8" cas. - Base circulation
Mixed 250 cu ft 15/35 60 and 30 cc
1/4" Flashed / in followed by 150 cu ft Alum
+ 30 cc 270 ad. Released Plug
Displaced with final 150.

305.47

SERVICE

DEPTH OF JOB <u>858'</u>	
PUMP TRUCK CHARGE <u>2058.50</u>	
EXTRA FOOTAGE	@
MILEAGE <u>Hvm 14</u>	@ <u>7.70</u> <u>107.80</u>
MANIFOLD	@
<u>Hvm 14</u>	@ <u>51.40</u> <u>61.60</u>
TOTAL	<u>2,227.90</u>

(Cement, Alum, Circulate)
(Cement in Alum) Through

CHARGE TO: Coal Production, Corp

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Cecil E. Farmer

SIGNATURE X Cecil E. Farmer

PLUG & FLOAT EQUIPMENT

<u>8 7/8" BOND. PLUG</u>	@ <u>131.04</u> <u>131.04</u>
<u>8 7/8" Centralizer</u>	@ <u>74.88</u> <u>74.88</u>
<u>8 7/8" Ridden Plug</u>	@ <u>74.88</u> <u>74.88</u>
	@ _____ <u>131.04</u>

TOTAL 336.26

SALES TAX (If Any) 615.07

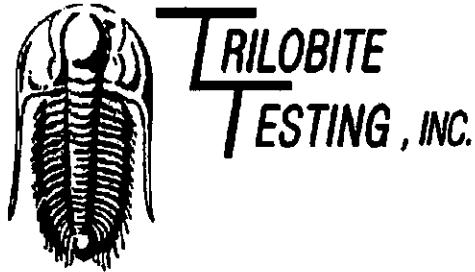
TOTAL CHARGES 17,700.27 12,690.99

DISCOUNT 25% 3,175.24

IF PAID IN 30 DAYS

9,525.75 3,172.74

Disc



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St.Ste.1500
Denver CO 80202

ATTN: Tim Lauer

B.Keenan #4-1

4-22s-14w Stafford,KS

Start Date: 2012.11.06 @ 20:39:31

End Date: 2012.11.07 @ 03:49:16

Job Ticket #: 49732 DST #: 1

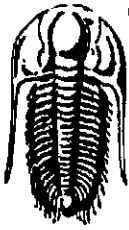
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.19 @ 11:51:49

Coral Production Corp. 4-22s-14w Stafford,KS B.Keenan #4-1 DST # 1 Lans. J . K 2012.11.06



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. Ste. 1500
Denver CO 80202
ATTN: Tim Lauer

4-22s-14w Stafford, KS

B. Keenan #4-1

Job Ticket: 49732

DST#: 1

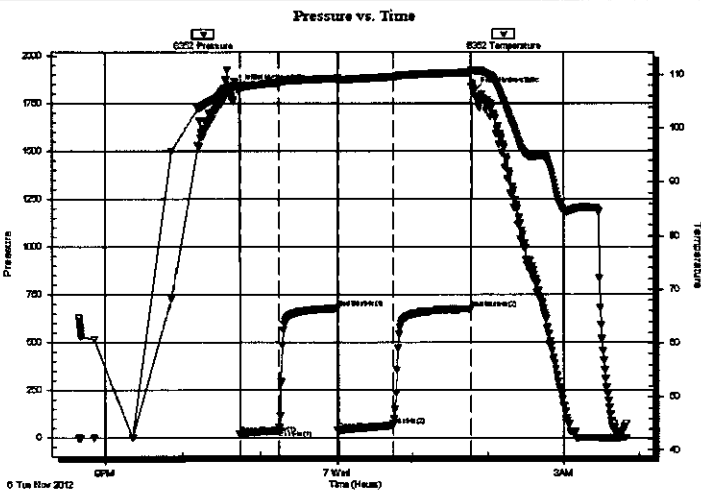
Test Start: 2012.11.06 @ 20:39:31

GENERAL INFORMATION:

Formation: **Lans. J - K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:44:31
 Time Test Ended: 03:49:16
 Interval: **3602.00 ft (KB) To 3650.00 ft (KB) (TVD)**
 Total Depth: 3650.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1950.00 ft (KB)
 1940.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8352 Inside
 Press@RunDepth: 66.89 psig @ 3603.00 ft (KB)
 Start Date: 2012.11.06 End Date: 2012.11.07
 Start Time: 20:39:36 End Time: 03:49:15
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.07
 Time On Btm: 2012.11.06 @ 22:42:46
 Time Off Btm: 2012.11.07 @ 01:48:46

TEST COMMENT: IF: Weak blow . 1/2 - 2 1/4".
 IS: No blow .
 FF: Weak blow . 1/4 - 1 1/2".
 FS: No blow .



PRESSURE SUMMARY

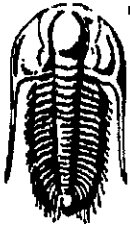
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1827.73	108.03	Initial Hydro-static
2	18.63	107.39	Open To Flow (1)
32	38.94	108.52	Shut-in(1)
77	678.86	109.33	End Shut-in(1)
78	41.12	109.06	Open To Flow (2)
122	66.89	109.62	Shut-in(2)
184	675.00	110.44	End Shut-in(2)
186	1813.42	110.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	MW 18% m 82% w	1.40

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. Ste. 1500
Denver CO 80202
ATTN: Tim Lauer

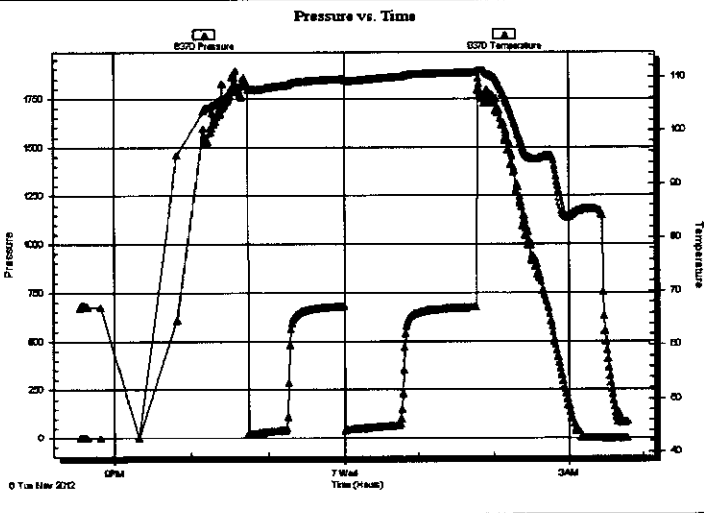
4-22s-14w Stafford, KS
B. Keenan #4-1
Job Ticket: 49732 **DST#: 1**
Test Start: 2012.11.06 @ 20:39:31

GENERAL INFORMATION:

Formation: **Lans. J - K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:44:31
Time Test Ended: 03:49:16
Interval: **3602.00 ft (KB) To 3650.00 ft (KB) (TVD)**
Total Depth: **3650.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Gary Pevoteaux**
Unit No: **56**
Reference Elevations: **1950.00 ft (KB)**
1940.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 8370 **Outside**
Press@RunDepth: psig @ 3603.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.06 End Date: 2012.11.07 Last Calib.: 2012.11.07
Start Time: 20:33:22 End Time: 03:47:01 Time On Btrr:
Time Off Btrr:

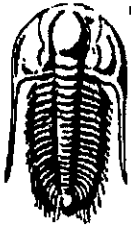
TEST COMMENT: IF: Weak blow . 1/2 - 2 1/4".
IS: No blow .
FF: Weak blow . 1/4 - 1 1/2".
FS: No blow .



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

Recovery		
Length (ft)	Description	Volume (bbl)
100.00	MW 18% m 82% w	1.40

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.
1600 Stout St. Ste. 1500
Denver CO 80202
ATTN: Tim Lauer

4-22s-14w Stafford, KS

B. Keenan #4-1

Job Ticket: 49732

DST#: 1

Test Start: 2012.11.06 @ 20:39:31

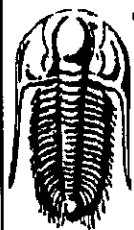
Tool Information

Drill Pipe:	Length: 3613.00 ft	Diameter: 3.80 inches	Volume: 50.68 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 50.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3602.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3583.00	
Shut in tool	5.00			3588.00	
HMV	5.00			3593.00	
Packer	4.00			3597.00	20.00 Bottom Of Top Packer
Packer	5.00			3602.00	
Stubb	1.00			3603.00	
Recorder	0.00	8352	Inside	3603.00	
Recorder	0.00	8370	Outside	3603.00	
Perforations	10.00			3613.00	
Blank Spacing	32.00			3645.00	
Bullnose	5.00			3650.00	48.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

4-22s-14w Stafford,KS

1600 Stout St.Ste.1500
Denver CO 80202

B.Keenan #4-1

Job Ticket: 49732

DST#: 1

ATTN: Tim Lauer

Test Start: 2012.11.06 @ 20:39:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

90000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	MW 18% m 82% w	1.403

Total Length: 100.00 ft Total Volume: 1.403 bbl

Num Fluid Samples: 0

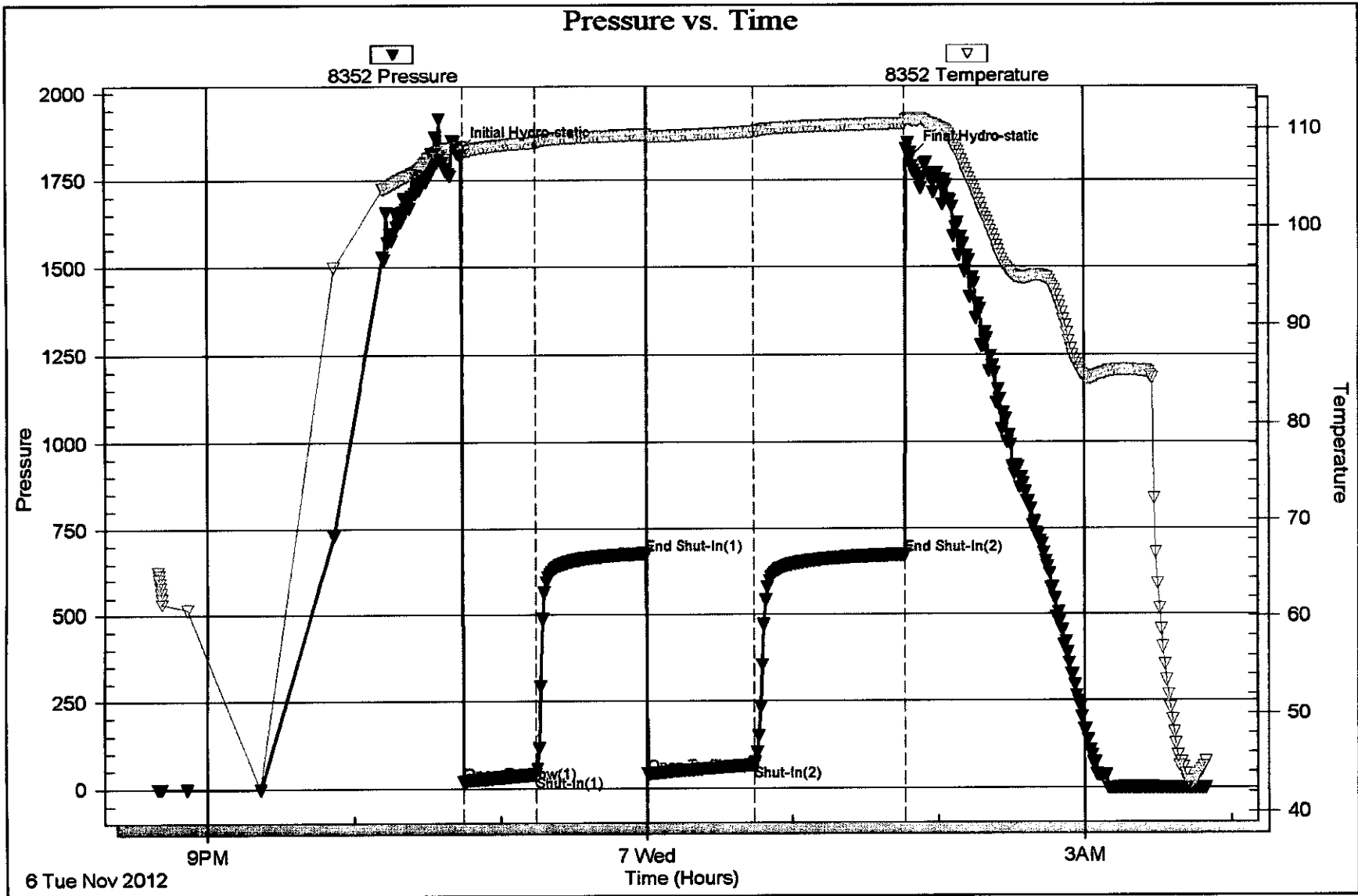
Num Gas Bombs: 0

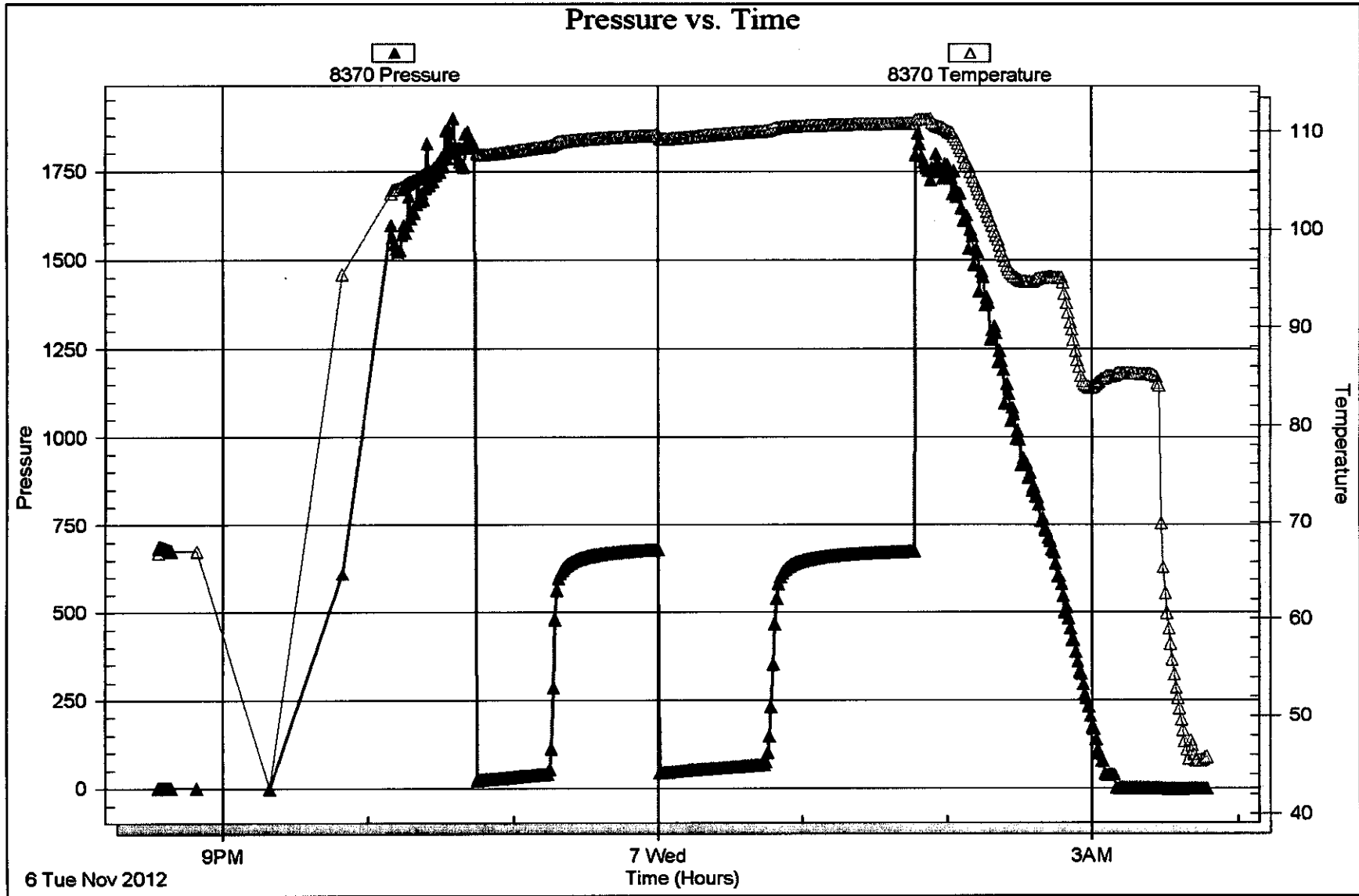
Serial #: none

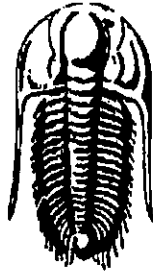
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw.13ohms@49deg







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. Ste. 1500
Denver CO 80202

ATTN: Tim Lauer

B.Keenan #4-1

4-22s-14w Stafford,KS

Start Date: 2012.11.07 @ 20:39:03

End Date: 2012.11.08 @ 02:57:48

Job Ticket #: 49733 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.19 @ 11:50:54

Coral Production Corp.

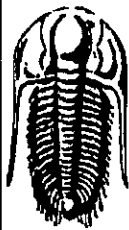
4-22s-14w Stafford,KS

B.Keenan #4-1

DST # 2

Lans,L,Viola,Simpson

2012.11.07



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.

4-22s-14w Stafford,KS

1600 Stout St.Ste.1500
Denver CO 80202

B.Keenan #4-1

Job Ticket: 49733

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.11.07 @ 20:39:03

GENERAL INFORMATION:

Formation: **Lans.L,Viola,Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:36:33

Time Test Ended: 02:57:48

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3654.00 ft (KB) To 3798.00 ft (KB) (TVD)**

Total Depth: 3798.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1950.00 ft (KB)

1940.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 28.41 psig @ 3655.00 ft (KB)

Start Date: 2012.11.07

End Date:

2012.11.08

Capacity: 8000.00 psig

Last Calib.: 2012.11.08

Start Time: 20:39:08

End Time:

02:57:47

Time On Btm: 2012.11.07 @ 22:35:18

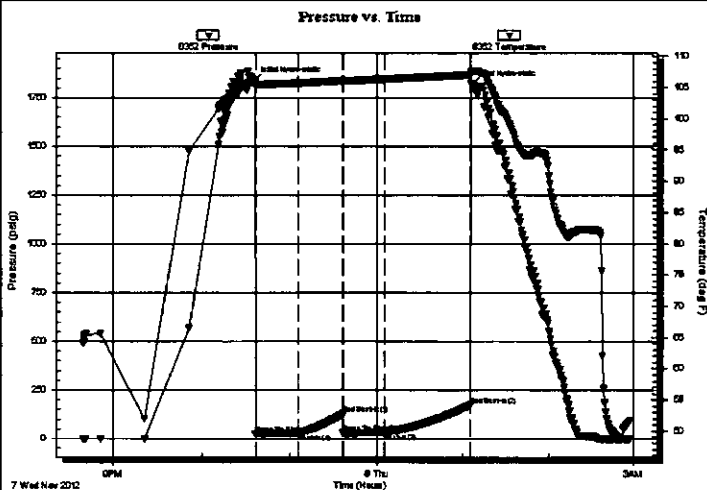
Time Off Btm: 2012.11.08 @ 01:06:48

TEST COMMENT: IF:Weak blow . 3/4" decreasing.

IS:No blow .

FF:Weak surge. No blow .

FSt:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.19	105.84	Initial Hydro-static
2	25.13	105.40	Open To Flow (1)
31	26.30	105.70	Shut-In(1)
61	126.02	106.08	End Shut-In(1)
61	27.58	106.02	Open To Flow (2)
90	28.41	106.34	Shut-In(2)
150	173.71	107.01	End Shut-In(2)
152	1820.23	107.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
12.00	SOCM 1%o 99% m (good odor)	0.17

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.

1600 Stout St. Ste. 1500
Denver CO 80202

ATTN: Tim Lauer

4-22s-14w Stafford, KS

B. Keenan #4-1

Job Ticket: 49733

DST#: 2

Test Start: 2012.11.07 @ 20:39:03

GENERAL INFORMATION:

Formation: **Lans.L, Viola, Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:36:33

Time Test Ended: 02:57:48

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3654.00 ft (KB) To 3798.00 ft (KB) (TVD)**

Total Depth: 3798.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1950.00 ft (KB)

1940.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8370**

Outside

Press@RunDepth: psig @ 3655.00 ft (KB)

Start Date: 2012.11.07

End Date:

2012.11.08

Start Time: 20:35:38

End Time:

02:56:02

Capacity: 8000.00 psig

Last Calib.: 2012.11.08

Time On Btm:

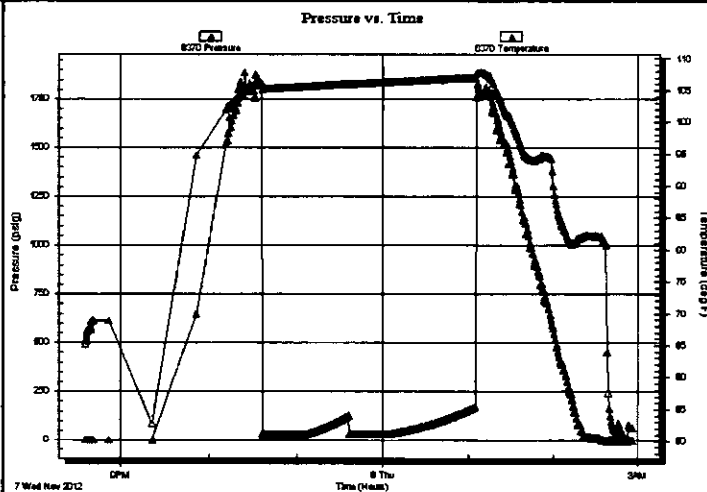
Time Off Btm:

TEST COMMENT: IF: Weak blow . 3/4" decreasing.

IS: No blow .

FF: Weak surge. No blow .

FSt: No blow .



PRESSURE SUMMARY

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

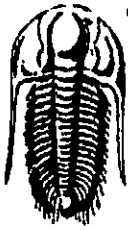
Recovery

Length (ft)	Description	Volume (bbl)
12.00	SOCM 1%o 99% m (good odor)	0.17

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.
1600 Stout St. Ste. 1500
Denver CO 80202
ATTN: Tim Lauer

4-22s-14w Stafford, KS
B. Keenan #4-1
Job Ticket: 49733 **DST#: 2**
Test Start: 2012.11.07 @ 20:39:03

Tool Information

Drill Pipe:	Length: 3640.00 ft	Diameter: 3.80 inches	Volume: 51.06 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			Total Volume: 51.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3654.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	144.00 ft			
Tool Length:	172.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3627.00	
Shut in tool	5.00			3632.00	
HMV	5.00			3637.00	
Jars	5.00			3642.00	
Safety Joint	3.00			3645.00	
Packer	4.00			3649.00	28.00 Bottom Of Top Packer
Packer	5.00			3654.00	
Stubb	1.00			3655.00	
Recorder	0.00	8352	Inside	3655.00	
Recorder	0.00	8370	Outside	3655.00	
Perforations	10.00			3665.00	
Blank Spacing	126.00			3791.00	
Perforations	2.00			3793.00	
Bullnose	5.00			3798.00	144.00 Bottom Packers & Anchor

Total Tool Length: 172.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

4-22s-14w Stafford,KS

1600 Stout St. Ste. 1500
Denver CO 80202

B.Keenan #4-1

Job Ticket: 49733

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.11.07 @ 20:39:03

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:

5500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
12.00	SOCM 1%o 99%m (good odor)	0.168

Total Length: 12.00 ft

Total Volume: 0.168 bbl

Num Fluid Samples: 0

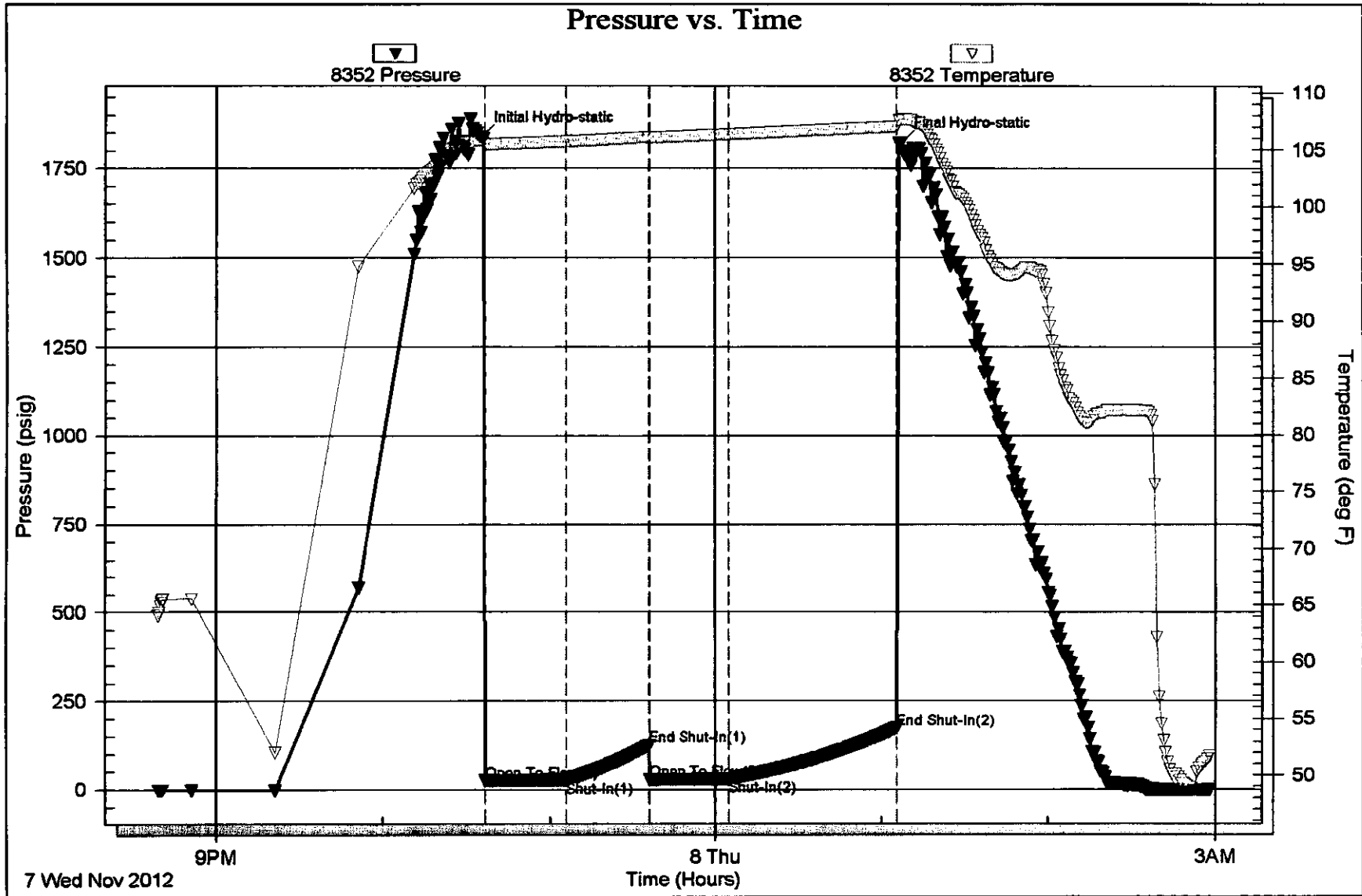
Num Gas Bombs: 0

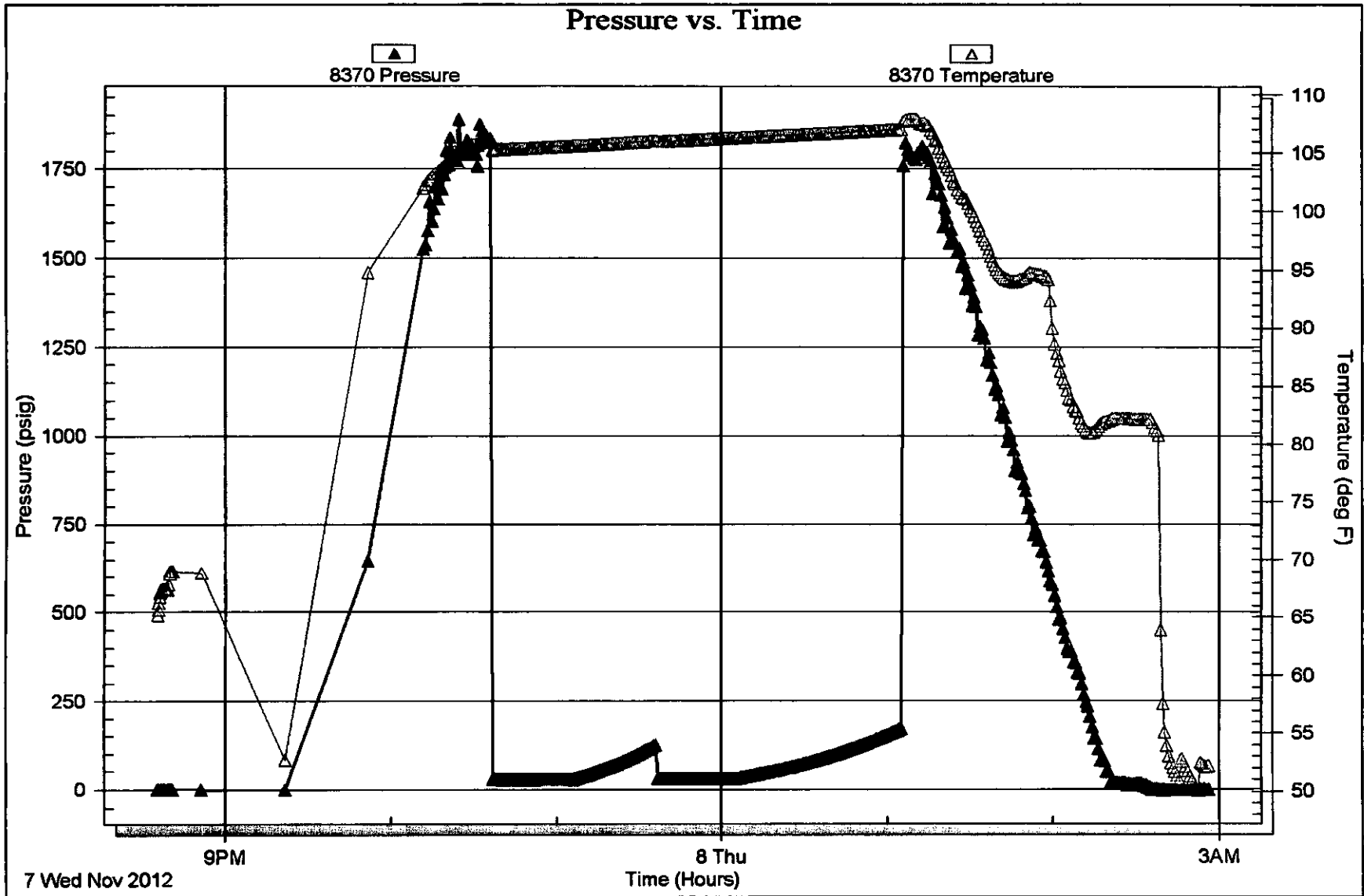
Serial #: none

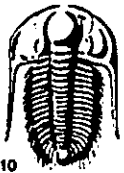
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49732

4/10

Well Name & No. B. KEENAN #4-1 Test No. 1 Date 11-6-12
 Company CORAL PRODUCTION CORP. Elevation 1950 KB 1940 GL
 Address 1600 STOUT ST. STE. 1500, DENVER CO. 80202
 Co. Rep / Geo. TIM LAUER Rig MAVERICK DRUG #106
 Location: Sec. 4 Twp. 22S Rge. 14W Co. STAFFORD State KS

Interval Tested 3602 ~ 3650' Zone Tested LAWS. J-K
 Anchor Length 48' Drill Pipe Run 3613 Mud Wt. 9.5
 Top Packer Depth 3597' Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3602' Wt. Pipe Run 0 WL 9.6cc
 Total Depth 3650' Chlorides 5,000 ppm System LCM Ⓢ
 Blow Description IF: Weak below 1/2 - 2 1/4" ISI: No below.

FF: Weak below 1/4 - 1 1/2" FSI: No below.

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Feet of MW</u>		<u>82</u>	<u>18</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 100 Fluid BHT 110° Gravity N/A API RW 13 @ 49 °F Chlorides 20,000 ppm
 (A) Initial Hydrostatic 1828 Test T-On Location 1930
 (B) First Initial Flow 17 Jars T-Started 2039
 (C) First Final Flow 39 Safety Joint T-Open 2244
 (D) Initial Shut-In 679 Circ Sub T-Pulled 0148
 (E) Second Initial Flow 41 Hourly Standby T-Out 0349
 (F) Second Final Flow 67 Mileage (86) 133.30 Comments _____
 (G) Final Shut-In 675 Sampler _____
 (H) Final Hydrostatic 1813 Straddle _____

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 30 Shale Packer
 Initial Shut-In 45 Extra Packer
 Final Flow 45 Extra Recorder
 Final Shut-In 60 Day Standby
 Accessibility 1283.30
 Sub Total _____
 Total 1283.30
 MP/DST Disc't _____

Approved By Tim Lauer Our Representative Gary P. [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

Test Ticket

NO. 49733

Well Name & No. B. KEENAN # 4-1 Test No. 2 Date 11-7-12
 Company CORAL PRODUCTION CORP. Elevation 1930 KB 1940 GL
 Address 1600 STOUT ST. STE. 1500, DENVER CO 80202
 Co. Rep / Geo. TIM LAUER Rig MAVERICK DRILL #106
 Location: Sec. 4 Twp. 22S Rge. 14W Co. STAFFORD State KS.

Interval Tested 3654 - 3798' Zone Tested LANS. L, V20LA, SIMPSON SD.
 Anchor Length 144' Drill Pipe Run 3640' Mud Wt. 9.3
 Top Packer Depth 3649' Drill Collars Run 0 Vis 54
 Bottom Packer Depth 3654' Wt. Pipe Run 0 WL 9.6cc
 Total Depth 3798' Chlorides 5500ppm System LCM 2#

Blow Description IF: Weak blow. 3/4" decreasing. FSI: No blow.

FF: Weak surge. N. blow. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>12</u>	<u>50CM (wood chdr)</u>			<u>99</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 12 Fluid BHT 107° Gravity N/A API RW N.C. @ — F Chlorides 5500ppm
 (A) Initial Hydrostatic 1836 Test T-On Location 2020
 (B) First Initial Flow 25 * Jars 250 T-Started 2039
 (C) First Final Flow 26 * Safety Joint 75 T-Open 2236
 (D) Initial Shut-In 126 Circ Sub T-Pulled 0104
 (E) Second Initial Flow 28 Hourly Standby T-Out 0257
 (F) Second Final Flow 28 Mileage (86) x2 HAD ME LEAVE Comments 266.60
 (G) Final Shut-In 174 Sampler TOOLS FOR ARB
 (H) Final Hydrostatic 1820 Straddle TEST! NO TEST Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 30 Extra Recorder
 Initial Shut-In 30 Day Standby
 Final Flow 30 Accessibility
 Final Shut-In 60 Sub Total 0
 Sub Total 1741.60 Total 1741.60 MP/DST Disc't

Approved By Tim J. Lauer Our Representative Cory P. [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, tool's lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

TITLE SHEET
GEOLOGICAL LOG
HOLE NO. 123456
DATE 12/15/2023

LOCATION		ELEVATION	
NAD 83 UTM 18QUC 0425000 4425000		1000.00	
SITE DESCRIPTION		PROJECT NO.	
1000M		123456	
CITY		STATE	
COUNTY		FEDERAL AGENCY	
STATE AGENCY		LOCAL AGENCY	
GEOLOGIST		DATE	
123456		12/15/2023	
PROJECT		SHEET NO.	
123456		1	

Notes:
1. Log is to be read from top to bottom.
2. Sample locations are indicated by asterisks (*).
3. Lithology is described in detail in the log.

DEPTH (m)	DESCRIPTION	REMARKS
0.0	Surface	Top of hole
0.0 - 0.5	Light brown, silty sand	0.5 m
0.5 - 1.0	Light brown, silty sand	1.0 m
1.0 - 1.5	Light brown, silty sand	1.5 m
1.5 - 2.0	Light brown, silty sand	2.0 m
2.0 - 2.5	Light brown, silty sand	2.5 m
2.5 - 3.0	Light brown, silty sand	3.0 m
3.0 - 3.5	Light brown, silty sand	3.5 m
3.5 - 4.0	Light brown, silty sand	4.0 m
4.0 - 4.5	Light brown, silty sand	4.5 m
4.5 - 5.0	Light brown, silty sand	5.0 m
5.0 - 5.5	Light brown, silty sand	5.5 m
5.5 - 6.0	Light brown, silty sand	6.0 m
6.0 - 6.5	Light brown, silty sand	6.5 m
6.5 - 7.0	Light brown, silty sand	7.0 m
7.0 - 7.5	Light brown, silty sand	7.5 m
7.5 - 8.0	Light brown, silty sand	8.0 m
8.0 - 8.5	Light brown, silty sand	8.5 m
8.5 - 9.0	Light brown, silty sand	9.0 m
9.0 - 9.5	Light brown, silty sand	9.5 m
9.5 - 10.0	Light brown, silty sand	10.0 m
10.0 - 10.5	Light brown, silty sand	10.5 m
10.5 - 11.0	Light brown, silty sand	11.0 m
11.0 - 11.5	Light brown, silty sand	11.5 m
11.5 - 12.0	Light brown, silty sand	12.0 m
12.0 - 12.5	Light brown, silty sand	12.5 m
12.5 - 13.0	Light brown, silty sand	13.0 m
13.0 - 13.5	Light brown, silty sand	13.5 m
13.5 - 14.0	Light brown, silty sand	14.0 m
14.0 - 14.5	Light brown, silty sand	14.5 m
14.5 - 15.0	Light brown, silty sand	15.0 m
15.0 - 15.5	Light brown, silty sand	15.5 m
15.5 - 16.0	Light brown, silty sand	16.0 m
16.0 - 16.5	Light brown, silty sand	16.5 m
16.5 - 17.0	Light brown, silty sand	17.0 m
17.0 - 17.5	Light brown, silty sand	17.5 m
17.5 - 18.0	Light brown, silty sand	18.0 m
18.0 - 18.5	Light brown, silty sand	18.5 m
18.5 - 19.0	Light brown, silty sand	19.0 m
19.0 - 19.5	Light brown, silty sand	19.5 m
19.5 - 20.0	Light brown, silty sand	20.0 m
20.0 - 20.5	Light brown, silty sand	20.5 m
20.5 - 21.0	Light brown, silty sand	21.0 m
21.0 - 21.5	Light brown, silty sand	21.5 m
21.5 - 22.0	Light brown, silty sand	22.0 m
22.0 - 22.5	Light brown, silty sand	22.5 m
22.5 - 23.0	Light brown, silty sand	23.0 m
23.0 - 23.5	Light brown, silty sand	23.5 m
23.5 - 24.0	Light brown, silty sand	24.0 m
24.0 - 24.5	Light brown, silty sand	24.5 m
24.5 - 25.0	Light brown, silty sand	25.0 m
25.0 - 25.5	Light brown, silty sand	25.5 m
25.5 - 26.0	Light brown, silty sand	26.0 m
26.0 - 26.5	Light brown, silty sand	26.5 m
26.5 - 27.0	Light brown, silty sand	27.0 m
27.0 - 27.5	Light brown, silty sand	27.5 m
27.5 - 28.0	Light brown, silty sand	28.0 m
28.0 - 28.5	Light brown, silty sand	28.5 m
28.5 - 29.0	Light brown, silty sand	29.0 m
29.0 - 29.5	Light brown, silty sand	29.5 m
29.5 - 30.0	Light brown, silty sand	30.0 m
30.0 - 30.5	Light brown, silty sand	30.5 m
30.5 - 31.0	Light brown, silty sand	31.0 m
31.0 - 31.5	Light brown, silty sand	31.5 m
31.5 - 32.0	Light brown, silty sand	32.0 m
32.0 - 32.5	Light brown, silty sand	32.5 m
32.5 - 33.0	Light brown, silty sand	33.0 m
33.0 - 33.5	Light brown, silty sand	33.5 m
33.5 - 34.0	Light brown, silty sand	34.0 m
34.0 - 34.5	Light brown, silty sand	34.5 m
34.5 - 35.0	Light brown, silty sand	35.0 m
35.0 - 35.5	Light brown, silty sand	35.5 m
35.5 - 36.0	Light brown, silty sand	36.0 m
36.0 - 36.5	Light brown, silty sand	36.5 m
36.5 - 37.0	Light brown, silty sand	37.0 m
37.0 - 37.5	Light brown, silty sand	37.5 m
37.5 - 38.0	Light brown, silty sand	38.0 m
38.0 - 38.5	Light brown, silty sand	38.5 m
38.5 - 39.0	Light brown, silty sand	39.0 m
39.0 - 39.5	Light brown, silty sand	39.5 m
39.5 - 40.0	Light brown, silty sand	40.0 m
40.0 - 40.5	Light brown, silty sand	40.5 m
40.5 - 41.0	Light brown, silty sand	41.0 m
41.0 - 41.5	Light brown, silty sand	41.5 m
41.5 - 42.0	Light brown, silty sand	42.0 m
42.0 - 42.5	Light brown, silty sand	42.5 m
42.5 - 43.0	Light brown, silty sand	43.0 m
43.0 - 43.5	Light brown, silty sand	43.5 m
43.5 - 44.0	Light brown, silty sand	44.0 m
44.0 - 44.5	Light brown, silty sand	44.5 m
44.5 - 45.0	Light brown, silty sand	45.0 m
45.0 - 45.5	Light brown, silty sand	45.5 m
45.5 - 46.0	Light brown, silty sand	46.0 m
46.0 - 46.5	Light brown, silty sand	46.5 m
46.5 - 47.0	Light brown, silty sand	47.0 m
47.0 - 47.5	Light brown, silty sand	47.5 m
47.5 - 48.0	Light brown, silty sand	48.0 m
48.0 - 48.5	Light brown, silty sand	48.5 m
48.5 - 49.0	Light brown, silty sand	49.0 m
49.0 - 49.5	Light brown, silty sand	49.5 m
49.5 - 50.0	Light brown, silty sand	50.0 m

Scale: 1:1000
North Arrow

Geologist: 123456
Date: 12/15/2023
Project: 123456