

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1070554

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ 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
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

_____ Feet from ☐ North / ☐ South Line of Section

_____ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

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

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ 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

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				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
TUBING RECORD: Size: Set At: Packer At:			Liner Run: ☐ Yes ☐ No		
Date of First, Resumed Production, SWD or ENHR.		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 19, 2011

Nicholas D. Hess
Cobalt Energy LLC
115 S. BELMONT #12
PO BOX 8037
WICHITA, KS 67208

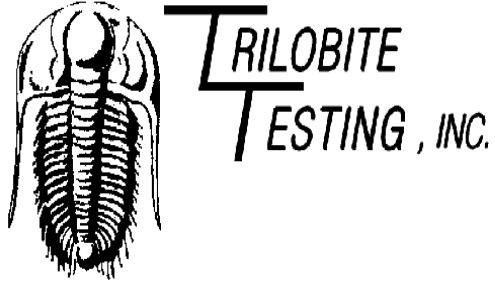
Re: ACO1
API 15-101-22320-00-00
Shapland Trust 'A' 1-2
SE/4 Sec.02-19S-28W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Nicholas D. Hess



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy**

115 S. Belmont #12
Wichita, KS 67208

ATTN: Cory Baker

Shapland Trust A 1-2

2-19s-28w Lane, KS

Start Date: 2011.12.02 @ 14:32:42

End Date: 2011.12.02 @ 22:22:36

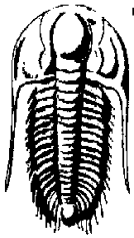
Job Ticket #: 45296 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.07 @ 15:26:53



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy

115 S. Belmont #12
Wichita, KS 67208

ATTN: Cory Baker

2-19s-28w Lane, KS

Shapland Trust A 1-2

Job Ticket: 45296

DST#: 1

Test Start: 2011.12.02 @ 14:32:42

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:25:37

Time Test Ended: 22:22:36

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 35

Interval: **4268.00 ft (KB) To 4285.00 ft (KB) (TVD)**

Total Depth: 4285.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2750.00 ft (KB)

2740.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8373** Inside

Press@RunDepth: 169.66 psig @ 4269.00 ft (KB)

Start Date: 2011.12.02

End Date:

2011.12.02

Start Time: 14:32:42

End Time:

22:22:36

Capacity: 8000.00 psig

Last Calib.: 2011.12.02

Time On Btm: 2011.12.02 @ 17:24:07

Time Off Btm: 2011.12.02 @ 19:57:06

TEST COMMENT: IF: 1" blow built to 1 1/2 in 30 min. The tool was plugging.

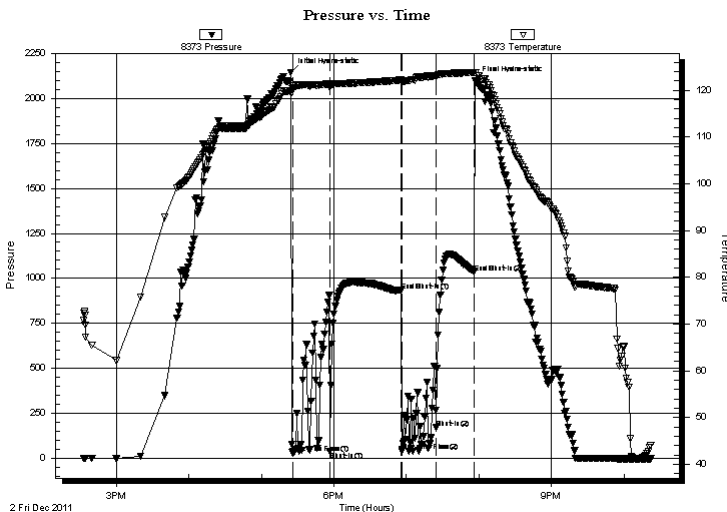
IS: No return.

FF: No blow. Flushed the tool after 10 min no blow.

FS: No return.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.26	119.81	Initial Hydro-static
2	31.54	120.31	Open To Flow (1)
33	39.02	120.68	Shut-In(1)
92	932.82	122.20	End Shut-In(1)
93	39.67	121.84	Open To Flow (2)
121	169.66	123.05	Shut-In(2)
153	1032.52	123.85	End Shut-In(2)
153	2097.93	123.74	Final Hydro-static

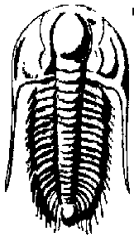


Recovery

Length (ft)	Description	Volume (bbl)
31.00	mud 100%cm	0.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy

115 S. Belmont #12
Wichita, KS 67208

ATTN: Cory Baker

2-19s-28w Lane, KS

Shapland Trust A 1-2

Job Ticket: 45296

DST#: 1

Test Start: 2011.12.02 @ 14:32:42

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:25:37

Time Test Ended: 22:22:36

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 35

Interval: **4268.00 ft (KB) To 4285.00 ft (KB) (TVD)**

Reference Elevations: 2750.00 ft (KB)

Total Depth: 4285.00 ft (KB) (TVD)

2740.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: **8289** Outside

Press@RunDepth: psig @ 4269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.02

End Date:

2011.12.02

Last Calib.:

2011.12.02

Start Time: 14:32:35

End Time:

22:22:29

Time On Btm:

Time Off Btm:

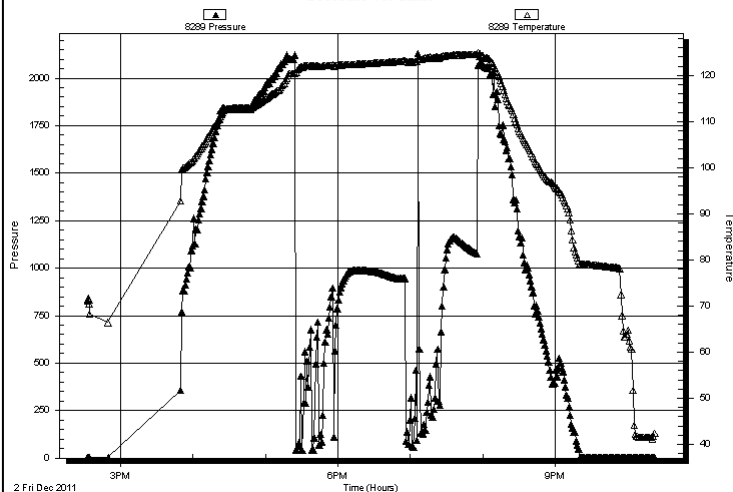
TEST COMMENT: IF: 1" blow built to 1 1/2 in 30 min. The tool was plugging.

IS: No return.

FF: No blow. Flushed the tool after 10 min no blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

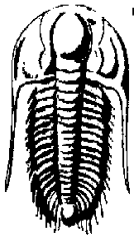
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
31.00	mud 100% ϕ m	0.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy

2-19s-28w Lane, KS

115 S. Belmont #12
Wichita, KS 67208

Shapland Trust A 1-2

Job Ticket: 45296

DST#: 1

ATTN: Cory Baker

Test Start: 2011.12.02 @ 14:32:42

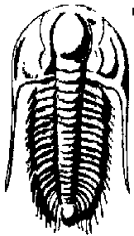
Tool Information

Drill Pipe:	Length:	4245.00 ft	Diameter:	3.80 inches	Volume:	59.55 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	85000.00 lb
					Total Volume:	59.55 bbl	Tool Chased	10.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		4268.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		17.00 ft						
Tool Length:		45.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4241.00	
Shut In Tool	5.00			4246.00	
Hydraulic tool	5.00			4251.00	
Jars	5.00			4256.00	
Safety Joint	3.00			4259.00	
Packer	5.00			4264.00	28.00 Bottom Of Top Packer
Packer	4.00			4268.00	
Stubb	1.00			4269.00	
Recorder	0.00	8373	Inside	4269.00	
Recorder	0.00	8289	Outside	4269.00	
Perforations	11.00			4280.00	
Bullnose	5.00			4285.00	17.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy

2-19s-28w Lane, KS

115 S. Belmont #12
Wichita, KS 67208

Shapland Trust A 1-2

Job Ticket: 45296

DST#: 1

ATTN: Cory Baker

Test Start: 2011.12.02 @ 14:32:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	mud 100% _m	0.435

Total Length: 31.00 ft

Total Volume: 0.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

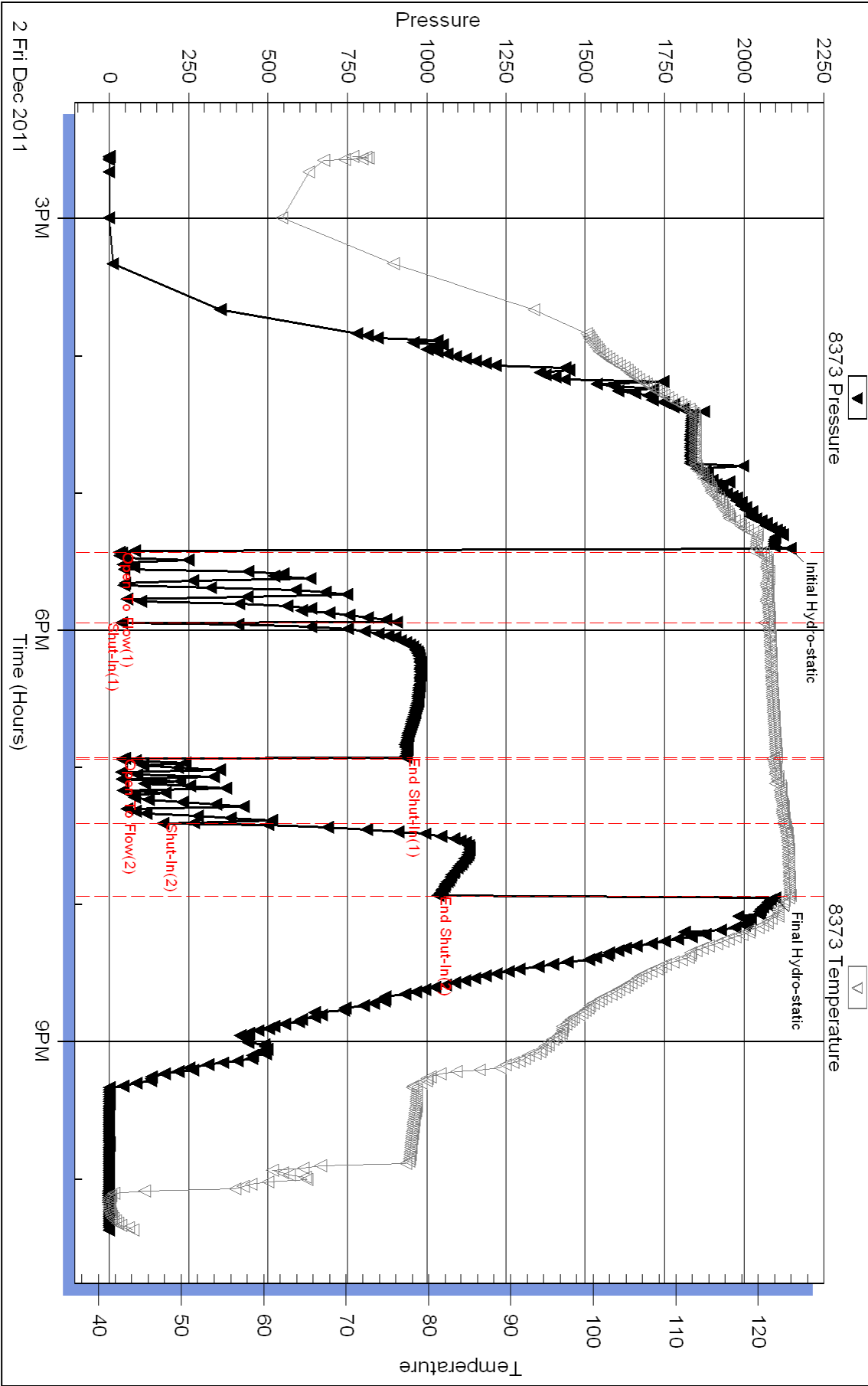
Inside

Cobalt Energy

Shapland Trust A 1-2

DST Test Number: 1

Pressure vs. Time



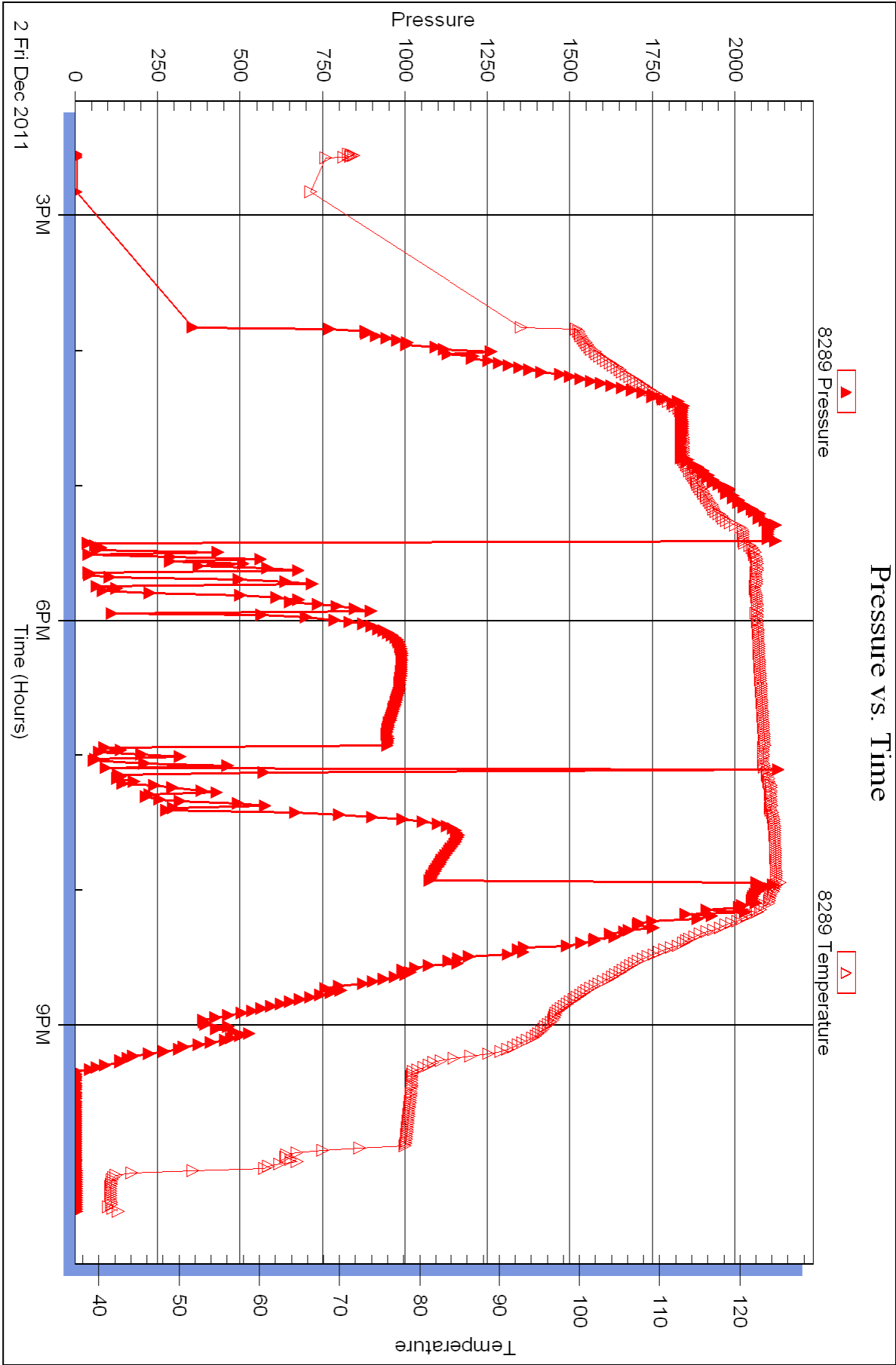
Serial #: 8289

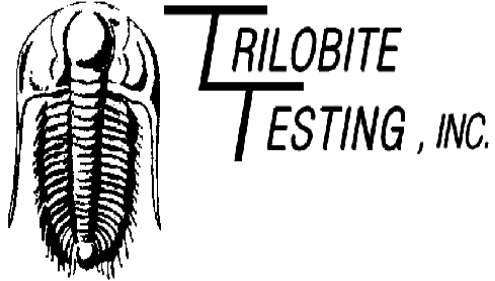
Outside

Cobalt Energy

Shapland Trust A 1-2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy**

115 S. Belmont #12
Wichita, KS 67208

ATTN: Cory Baker

Shapland Trust A 1-2

2-19s-28w Lane, KS

Start Date: 2011.12.03 @ 21:16:05

End Date: 2011.12.04 @ 06:03:30

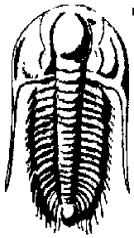
Job Ticket #: 45297 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.07 @ 15:27:50



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy

115 S. Belmont #12
Wichita, KS 67208

ATTN: Cory Baker

2-19s-28w Lane, KS

Shapland Trust A 1-2

Job Ticket: 45297

DST#: 2

Test Start: 2011.12.03 @ 21:16:05

GENERAL INFORMATION:

Formation: **Lansing I- Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:43:30

Time Test Ended: 06:03:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Interval: **4312.00 ft (KB) To 4482.00 ft (KB) (TVD)**

Total Depth: 4482.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2750.00 ft (KB)

2740.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8373** Inside

Press@RunDepth: 29.96 psig @ 4313.00 ft (KB)

Start Date: 2011.12.03

End Date:

2011.12.04

Start Time: 21:16:05

End Time:

06:03:30

Capacity: 8000.00 psig

Last Calib.: 2011.12.04

Time On Btm: 2011.12.03 @ 23:41:45

Time Off Btm: 2011.12.04 @ 03:44:44

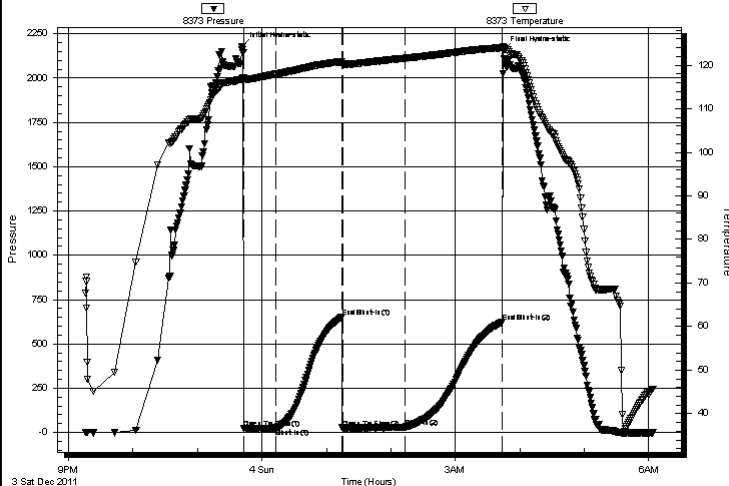
TEST COMMENT: IF: 1/4 blow died in 15 min.

IS: No return.

FF: Surface blow built to 4 in 60 min.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.15	116.79	Initial Hydro-static
2	21.84	116.67	Open To Flow (1)
32	25.73	117.94	Shut-In(1)
93	650.60	120.77	End Shut-In(1)
94	22.16	120.23	Open To Flow (2)
152	29.96	121.58	Shut-In(2)
242	624.27	124.00	End Shut-In(2)
243	2156.09	124.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	ocm 10%o 90%am	0.43
0.00	31 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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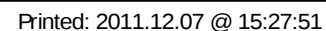
* Recovery from multiple tests

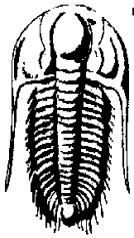


Test Start: 2011.12.03 @ 21:16:05

KB to GR/CF: 10.00 ft

FS: No return.





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy

2-19s-28w Lane, KS

115 S. Belmont #12
Wichita, KS 67208

Shapland Trust A 1-2

Job Ticket: 45297

DST#: 2

ATTN: Cory Baker

Test Start: 2011.12.03 @ 21:16:05

Tool Information

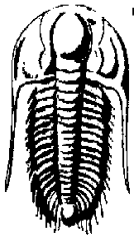
Drill Pipe:	Length:	4294.00 ft	Diameter:	3.80 inches	Volume:	60.23 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	75000.00 lb
					Total Volume:	60.23 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	56000.00 lb
Depth to Top Packer:		4312.00 ft					Final	56000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		170.00 ft						
Tool Length:		198.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Stubb	1.00			4285.00		
Shut In Tool	5.00			4290.00		
Hydraulic tool	5.00			4295.00		
Jars	5.00			4300.00		
Safety Joint	3.00			4303.00		
Packer	5.00			4308.00	28.00	Bottom Of Top Packer
Packer	4.00			4312.00		
Stubb	1.00			4313.00		
Recorder	0.00	8373	Inside	4313.00		
Recorder	0.00	8289	Outside	4313.00		
Perforations	5.00			4318.00		
Change Over Sub	1.00			4319.00		
Drill Pipe	157.00			4476.00		
Change Over Sub	1.00			4477.00		
Bullnose	5.00			4482.00	170.00	Bottom Packers & Anchor

Total Tool Length: 198.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy

2-19s-28w Lane, KS

115 S. Belmont #12
Wichita, KS 67208

Shapland Trust A 1-2

Job Ticket: 45297

DST#: 2

ATTN: Cory Baker

Test Start: 2011.12.03 @ 21:16:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	ocm 10%o 90%o	0.435
0.00	31 GIP	0.000

Total Length: 31.00 ft

Total Volume: 0.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

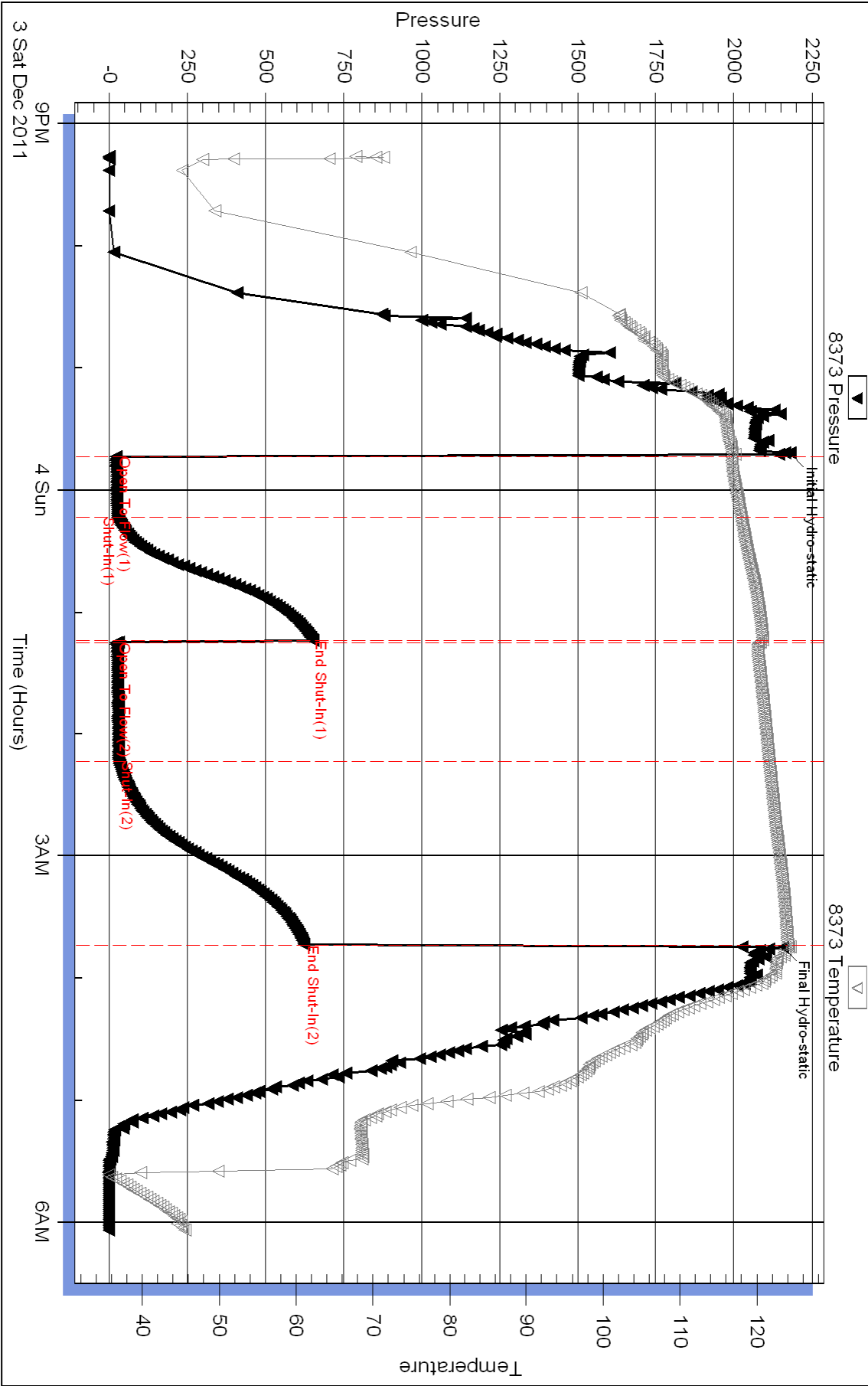
Inside

Cobalt Energy

Shapland Trust A 1-2

DST Test Number: 2

Pressure vs. Time

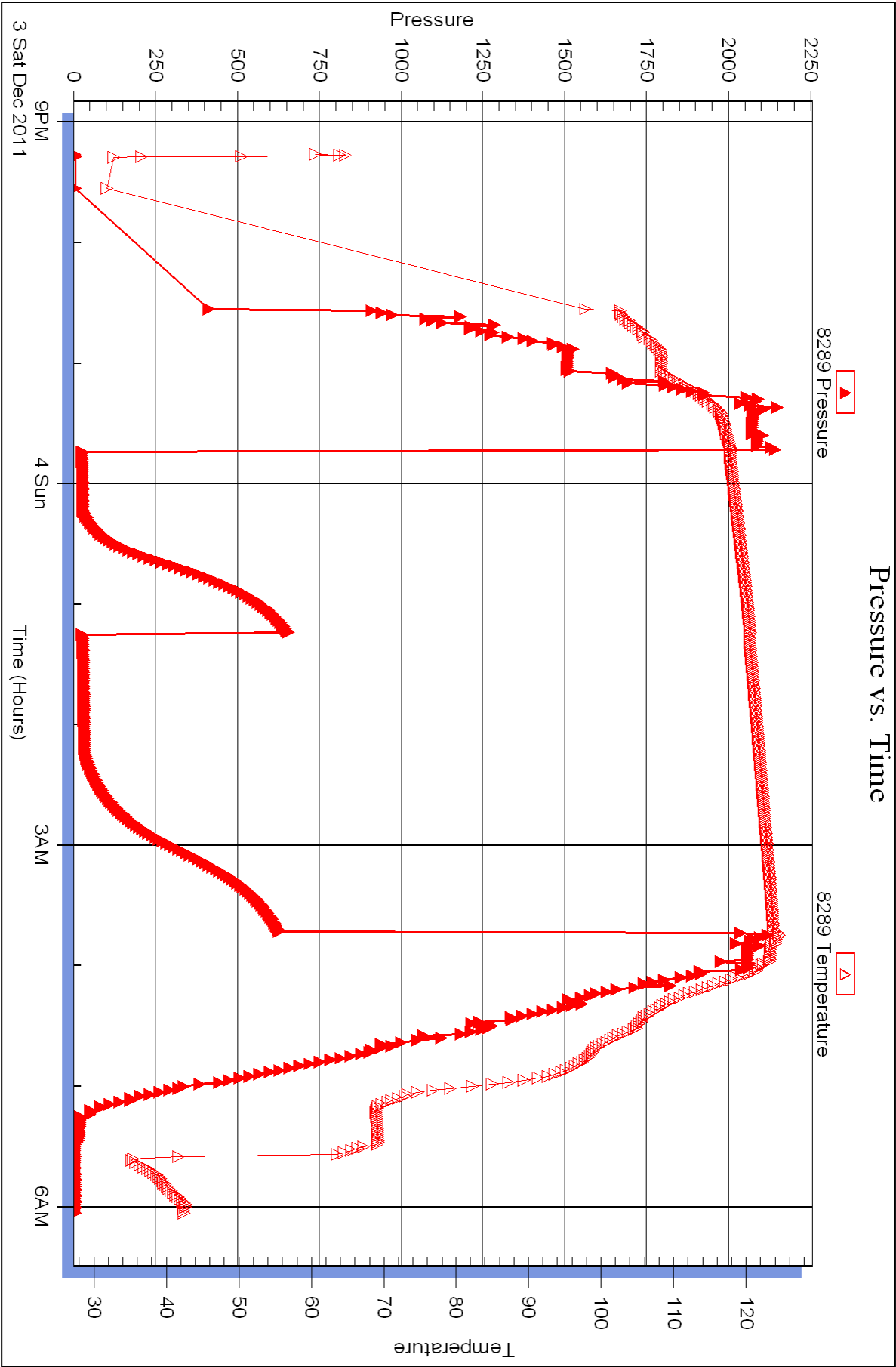


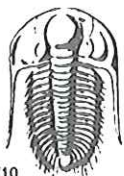
Serial #: 8289

Outside Cobalt Energy

Shapland Trust A 1-2

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 05 2011

Test Ticket

NO. 45296

Well Name & No. Shppard Trust A Bx2 Test No. 1 Date 12-2-11
Company Cobalt Energy Elevation 2750 KB 2740 GL
Address 115 S. Belmont #12 Wichita, KS 67208
Co. Rep / Geo. Cory Baker Rig U91 #7
Location: Sec. 2 Twp. 19 Rge. 28 Co. Lane State KS

Interval Tested 4268 4285 Zone Tested Lensing K
Anchor Length 17 Drill Pipe Run 4245 Mud Wt. 9.1
Top Packer Depth 4263 Drill Collars Run — Vis 47
Bottom Packer Depth 4268 Wt. Pipe Run — WL 8.8
Total Depth 4285 Chlorides 1800 ppm System LCM 4
Blow Description IF: 1" blow built to 1 1/2 in 30 min. The tool was plugging.
FS: No return.
FF: No blow, Flushed the tool No blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>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 31 BHT 123 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2144</u>	☒ Test <u>1225'</u>	T-On Location <u>13:00</u>
(B) First Initial Flow <u>31</u>	☒ Jars <u>250'</u>	T-Started <u>14:32</u>
(C) First Final Flow <u>39</u>	☒ Safety Joint <u>75'</u>	T-Open <u>17:25</u>
(D) Initial Shut-In <u>932</u>	☒ Circ Sub <u>N/L</u>	T-Pulled <u>19:55</u>
(E) Second Initial Flow <u>39</u>	☐ Hourly Standby	T-Out <u>22:25</u>
(F) Second Final Flow <u>169</u>	☒ Mileage <u>74-103.60</u>	Comments <u>The tool slid</u>
(G) Final Shut-In <u>1032</u>	☐ Sampler	<u>about ten feet</u>
(H) Final Hydrostatic <u>2097</u>	☐ Straddle	☐ Ruined Shale Packer
Initial Open <u>30</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In <u>60</u>	☐ Extra Packer	☐ Extra Copies
Final Flow <u>30</u>	☐ Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	☐ Day Standby	Total <u>1803.60</u>
	☒ Accessibility <u>150'</u>	MP/DST Disc't
	Sub Total <u>1803.60</u>	
	<u>11053.60</u>	

Approved By

Cory Baker

Our Representative

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
DEC 06 2011

Test Ticket

NO. 45297

4/10

Well Name & No. Shapland Trust A 1-2 Test No. 2 Date 12-3-11
 Company Cobalt Energy Elevation 2750 KB 2740 GL
 Address _____
 Co. Rep / Geo. Cory Baker Rig U91 #7
 Location: Sec. 2 Twp. 19 Rge. 28 Co. Lane State KS

Interval Tested 4312 4482 Zone Tested Lensing L - Marmaton
 Anchor Length 170 Drill Pipe Run 4294 Mud Wt. 9.4
 Top Packer Depth 4307 Drill Collars Run — Vis 47
 Bottom Packer Depth 4312 Wt. Pipe Run — WL 6.8
 Total Depth 4482 Chlorides 4300 ppm System LCM 2

Blow Description IF: 1/4 blow died in 15 min.
IS: No return.
FF: surface blow built to 4 in 60 min.
FS: No return

Rec <u>31</u>	Feet of <u>0cm</u>	%gas <u>10</u>	%oil	%water <u>90</u>	%mud
Rec	Feet of <u>31 GIP</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 31 BHT 124 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2179 ☒ Test 1225 T-On Location 20:26
 (B) First Initial Flow 21 ☒ Jars 250 T-Started 21:16
 (C) First Final Flow 25 ☒ Safety Joint 75 T-Open 23:43
 (D) Initial Shut-In 650 ☒ Circ Sub N/L T-Pulled 3:43
 (E) Second Initial Flow 22 ☐ Hourly Standby T-Out 6:05
 (F) Second Final Flow 29 ☒ Mileage 74- 103.60 Comments _____
 (G) Final Shut-In 629 ☐ Sampler _____
 (H) Final Hydrostatic 2156 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☒ Accessibility 150 ☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____

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

Sub Total 1803.60

Our Representative 11/23/11

Approved By Cory N. Baker
 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.

ALLIED CEMENTING CO., LLC. 042380

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, KS

DATE <u>12-5-11</u>	SEC. <u>2</u>	TWP. <u>19</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION	JOB START <u>8 PM</u>	JOB FINISH <u>9 PM</u>
LEASE <u>Shipland Trust A</u>	WELL # <u>1-2</u>	LOCATION <u>Dighton, KS West</u>			COUNTY <u>Lawrence</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>4 south West south into</u>				

CONTRACTOR <u>VAC Rig #17</u>	OWNER <u>Cobalt Energy LLC</u>
TYPE OF JOB <u>Rotary Plug</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4700</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Greg R</u>
# <u>398</u>	HELPER <u>Shane L</u>
BULK TRUCK	
# <u>492-188</u>	DRIVER <u>John P.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

1st plug mix 50 sks @ 2170 ft.
2nd plug mix 80 sks @ 1280 ft.
3rd plug mix 50 sks @ 600 ft.
4th plug mix 50 sks @ 260 ft.
5th plug mix 50 sks @ 60 ft.
Mix 50 sks in Rathole
Mix 20 sks in Mousehole

CEMENT		
AMOUNT ORDERED	<u>300 sks</u>	<u>60/40</u>
<u>POZ</u>	<u>1/2 gel</u>	<u>1/4 flo seal</u>
COMMON	<u>180</u>	@ <u>16.25</u> <u>2,925.00</u>
POZMIX	<u>120</u>	@ <u>8.50</u> <u>1020.00</u>
GEL	<u>11</u>	@ <u>21.25</u> <u>233.75</u>
CHLORIDE		@
ASC		@
<u>Flo seal</u>	<u>75</u>	@ <u>2.70</u> <u>202.50</u>
		@
		@
		@
		@
		@
		@
HANDLING	<u>314</u>	@ <u>2.25</u> <u>706.50</u>
MILEAGE	<u>314 x 30 x .11</u>	<u>1036.20</u>
		TOTAL <u>6723.95</u>

SERVICE

DEPTH OF JOB	<u>2170</u>
PUMP TRUCK CHARGE	<u>1250.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>Hum 30 @ 7.00 210.00</u>
MANIFOLD	@
<u>Hum 30 @ 4.00 120.00</u>	
	@

TOTAL 1580.00

CHARGE TO: Cobalt Energy LLC

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., 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 James Shultz

SIGNATURE [Signature]
Thank you!

SALES TAX (If Any) _____

TOTAL CHARGES 7,703.95

50% 20% 1,950.95

DISCOUNT _____ IF PAID IN 30 DAYS

5,753.00

ALLIED CEMENTING CO., LLC. 037422

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT

Great Bend, KS

DATE <i>11-26-11</i>	SEC <i>2</i>	TWP <i>19S</i>	RANGE <i>28W</i>	CALLED OUT	ON LOCATION	JOB START <i>2:30 PM</i>	JOB FINISH <i>3:30 AM</i>
LEASE <i>Shipland Trust A</i>	WELL# <i>1-2</i>	LOCATION <i>Dighton, KS 6 east 4</i>			COUNTY <i>Lane</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		South West south into					

CONTRACTOR <i>Val Rig #17</i>	OWNER <i>Cobalt Energy</i>
TYPE OF JOB <i>Surface</i>	
HOLE SIZE <i>12 1/4</i>	T.D. <i>234</i>
CASINO SIZE <i>8 5/8</i>	DEPTH <i>224</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <i>15 ft</i>	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <i>Greg R</i>
# <i>298</i>	HELPER <i>Shane K</i>
BULK TRUCK	
# <i>44-170</i>	DRIVER <i>Jim</i>
BULK TRUCK	
#	DRIVER

CEMENT			
AMOUNT ORDERED	<i>150 SK CLASS A</i>		
	<i>+3% +2% (S)</i>		
COMMON	<i>150</i>	@ <i>16.25</i>	<i>2,437.50</i>
POZMIX		@	
GEL	<i>3</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE	<i>5</i>	@ <i>58.20</i>	<i>291.00</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>158</i>	@ <i>2.25</i>	<i>355.50</i>
MILEAGE	<i>158 x 30 x .11</i>		<i>521.40</i>

TOTAL *3669.15*

REMARKS:

Pipe down bottom - Break Circ.
451 Rig moved Mile 100.355
1633 2 1/2" 200cc 240 gal 1/4" 10
geal shut down 500cc plug
Displace gal 13 1/4 240.5. Fresh
water cement 255 circ.
Shut in
plug down @ 3:30 AM

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE	@
MILEAGE <i>Hum 30</i>	@ <i>7.00</i> <i>210.00</i>
MANIFOLD	@
<i>Hum 30</i>	@ <i>4.00</i> <i>120.00</i>
	@

TOTAL *1455.00*

CHARGE TO: <i>Cobalt Energy</i>
STREET
CITY
STATE
ZIP

PLUG & FLOAT EQUIPMENT

<i>62003 plug</i>	@	<i>94.00</i>
	@	
	@	
	@	
	@	

TOTAL *94.00*

To Allied Cementing Co., 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.

SALES TAX (If Any)	
TOTAL CHARGES <i>5,218.15</i>	
DISCOUNT <i>30% 20% 12% .05</i>	
IF PAID IN 30 DAYS	

PRINTED NAME *X*SIGNATURE *Jose 7. Carrillo**Thank You**3922.10*