



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1115419
OIL & GAS CONSERVATION DIVISION

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
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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: _____



1115419

Operator Name: _____ Lease Name: _____ Well #: _____

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

INSTRUCTIONS: Show important tops 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.

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>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
Well Name	HD Koons 1
Doc ID	1115419

Tops

Name	Top	Datum
Anhydrite	2763	+517
Topeka	3986	-706
Heebner	4138	-858
Toronto	4158	-878
Lansing	4180	-900
Stark Shale	4409	-1129
Pawnee	4600	-1320
Ft. Scott	4632	-1352
Cherokee Shale	4652	-1372
Johnson	4732	-1452
Mississippi	4822	-1542

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 12, 2013

Brady Pfeiffer
Norstar Petroleum, Inc.
88 INVERNESS CIR E. Unit F104
ENGLEWOOD, CO 80112

Re: ACO1
API 15-193-20880-00-00
HD Koons 1
NE/4 Sec.36-10S-35W
Thomas 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,
Brady Pfeiffer



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum Inc.**

88 Inverness Cir E, Unit F104
Englewood, CO 80112

ATTN: Bob Elder

HD Koons #1-36

36-10s-35w Thomas,KS

Start Date: 2013.01.30 @ 10:02:00

End Date: 2013.01.30 @ 19:02:45

Job Ticket #: 46877 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.04 @ 16:08:24

Norstar Petroleum Inc.

36-10s-35w Thomas,KS

HD Koons #1-36

DST # 1

Lansing "I-J-K"

2013.01.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum Inc.
 88 Inverness Cir E, Unit F104
 Englewood, CO 80112
 ATTN: Bob Elder

36-10s-35w Thomas, KS
HD Koons #1-36
 Job Ticket: 46877 **DST#: 1**
 Test Start: 2013.01.30 @ 10:02:00

GENERAL INFORMATION:

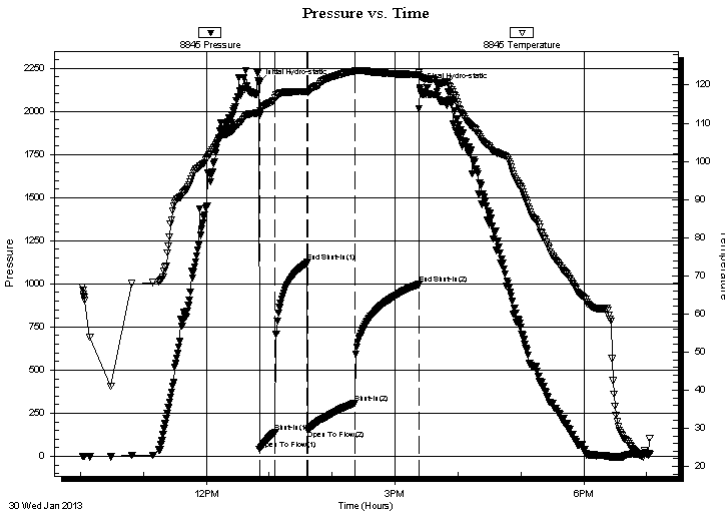
Formation: **Lansing "I-J-K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:50:45
 Time Test Ended: 19:02:45
 Interval: **4354.00 ft (KB) To 4436.00 ft (KB) (TVD)**
 Total Depth: 4436.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 3280.00 ft (KB)
 3272.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 309.31 psig @ 4355.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.30 End Date: 2013.01.30 Last Calib.: 2013.01.30
 Start Time: 10:02:05 End Time: 19:02:45 Time On Btm: 2013.01.30 @ 12:50:15
 Time Off Btm: 2013.01.30 @ 15:23:30

TEST COMMENT: IF: BOB @ 7 min.
 IS: No return.
 FF: BOB @ 10 min.
 FS: No return.

PRESSURE SUMMARY



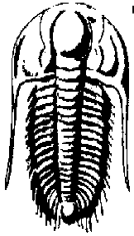
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.05	112.59	Initial Hydro-static
1	41.55	111.98	Open To Flow (1)
16	141.48	116.79	Shut-In(1)
46	1124.00	118.38	End Shut-In(1)
47	151.57	118.08	Open To Flow (2)
92	309.31	123.68	Shut-In(2)
153	996.72	122.77	End Shut-In(2)
154	2138.00	122.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 20m 80w (Oil Spots)	2.52
300.00	WCM 40w 60m (Oil Spots)	4.21
140.00	Mud 100m	1.96

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum Inc.
88 Inverness Cir E, Unit F104
Englewood, CO 80112
ATTN: Bob Elder

36-10s-35w Thomas,KS
HD Koons #1-36
Job Ticket: 46877 **DST#: 1**
Test Start: 2013.01.30 @ 10:02:00

GENERAL INFORMATION:

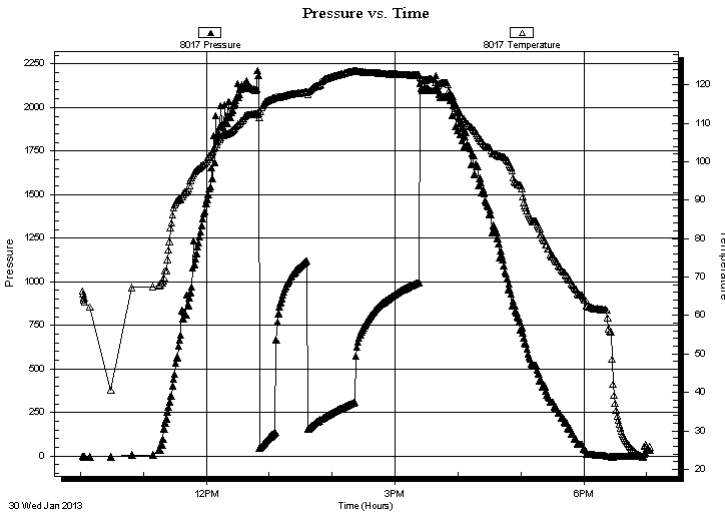
Formation: **Lansing " I- J- K"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:50:45 Tester: Sam Esparza
 Time Test Ended: 19:02:45 Unit No: 64
 Interval: **4354.00 ft (KB) To 4436.00 ft (KB) (TVD)** Reference Elevations: 3280.00 ft (KB)
 Total Depth: 4436.00 ft (KB) (TVD) 3272.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8017 Outside

Press @ Run Depth: psig @ 4355.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.30 End Date: 2013.01.30 Last Calib.: 2013.01.30
 Start Time: 10:02:05 End Time: 19:03:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 7 min.
 IS: No return.
 FF: BOB @ 10 min.
 FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 20m 80w (Oil Spots)	2.52
300.00	WCM 40w 60m (Oil Spots)	4.21
140.00	Mud 100m	1.96

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum Inc.

36-10s-35w Thomas,KS

88 Inverness Cir E, Unit F104
Englewood, CO 80112

HD Koons #1-36

Job Ticket: 46877

DST#: 1

ATTN: Bob Elder

Test Start: 2013.01.30 @ 10:02:00

Tool Information

Drill Pipe:	Length: 4346.00 ft	Diameter: 3.80 inches	Volume: 60.96 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4354.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 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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Change Over Sub	1.00			4327.00	
Shut In Tool	5.00			4332.00	
Hydraulic tool	5.00			4337.00	
Jars	5.00			4342.00	
Safety Joint	3.00			4345.00	
Packer	5.00			4350.00	28.00 Bottom Of Top Packer
Packer	4.00			4354.00	
Stubb	1.00			4355.00	
Recorder	0.00	8017	Outside	4355.00	
Recorder	0.00	8845	Outside	4355.00	
Perforations	11.00			4366.00	
Change Over Sub	1.00			4367.00	
Drill Pipe	63.00			4430.00	
Change Over Sub	1.00			4431.00	
Bullnose	5.00			4436.00	82.00 Bottom Packers & Anchor

Total Tool Length: 110.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum Inc.

36-10s-35w Thomas,KS

88 Inverness Cir E, Unit F104
Englewood, CO 80112

HD Koons #1-36

Job Ticket: 46877

DST#: 1

ATTN: Bob Elder

Test Start: 2013.01.30 @ 10:02:00

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:

69000 ppm

Viscosity: 54.00 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: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MCW 20m 80w (Oil Spots)	2.525
300.00	WCM 40w 60m (Oil Spots)	4.208
140.00	Mud 100m	1.964

Total Length: 620.00 ft Total Volume: 8.697 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .237 @ 32 degrees= 69,000 ppm

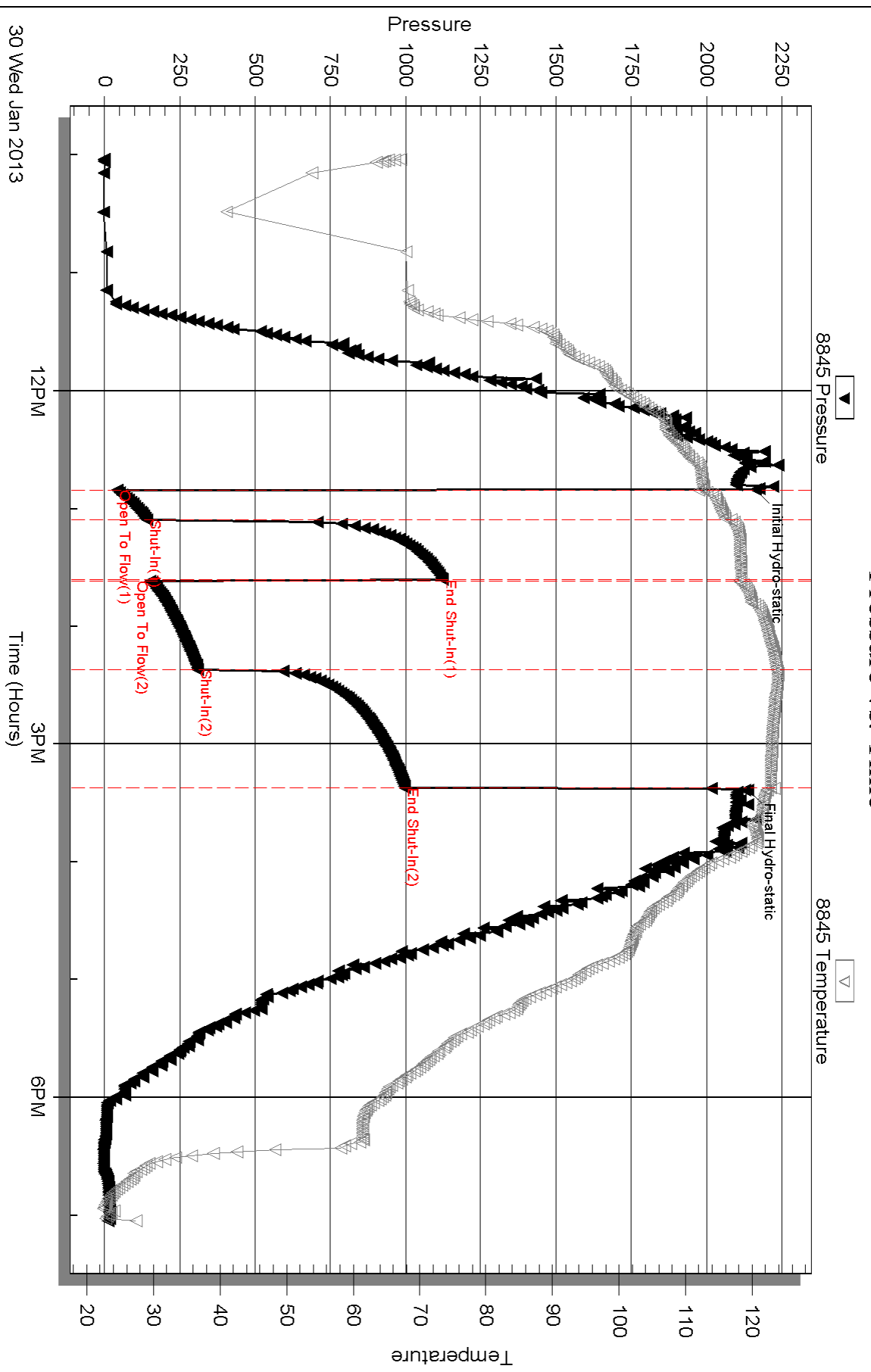
Serial #: 8845

Outside Norstar Petroleum Inc.

H/D Koons #1-36

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46877

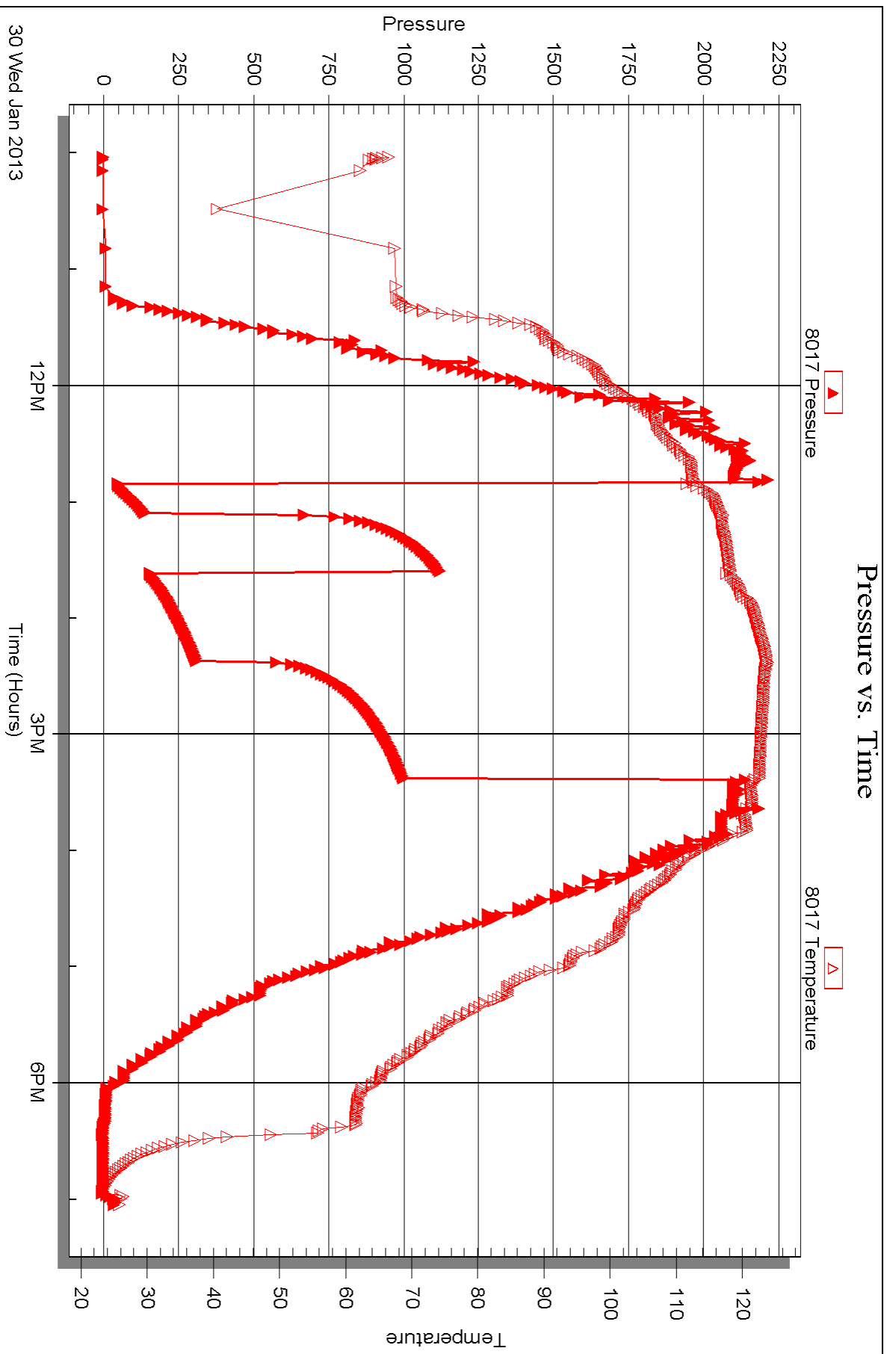
Printed: 2013.02.04 @ 16:08:27

Serial #: 8017

Outside Norstar Petroleum Inc.

H/D Koons #1-36

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 46877

Printed: 2013.02.04 @ 16:08:27



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum Inc.**

88 Inverness Cir E, Unit F104
Englewood, CO 80112

ATTN: Bob Elder

HD Koons #1-36

36-10s-35w Thomas,KS

Start Date: 2013.02.01 @ 01:19:00

End Date: 2013.02.01 @ 10:20:15

Job Ticket #: 46878 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.04 @ 16:07:46



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum Inc.
88 Inverness Cir E, Unit F104
Englewood, CO 80112
ATTN: Bob Elder

36-10s-35w Thomas, KS
HD Koons #1-36
Job Ticket: 46878 **DST#: 2**
Test Start: 2013.02.01 @ 01:19:00

GENERAL INFORMATION:

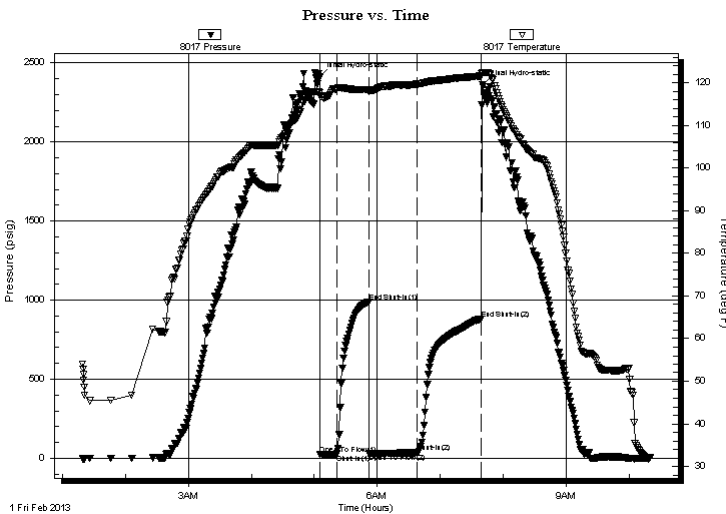
Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:05:15
Time Test Ended: 10:20:15
Interval: **4706.00 ft (KB) To 4764.00 ft (KB) (TVD)**
Total Depth: 4764.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 3280.00 ft (KB)
3272.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Sam Esparza
Unit No: 64

Serial #: 8017 Outside

Press @ Run Depth: 36.66 psig @ 4707.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.02.01 End Date: 2013.02.01 Last Calib.: 2013.02.01
Start Time: 01:19:05 End Time: 10:20:15 Time On Btm: 2013.02.01 @ 05:05:00
Time Off Btm: 2013.02.01 @ 07:40:30

TEST COMMENT: IF: 3/4" blow.
IS: No return.
FF: 1/4" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.81	117.64	Initial Hydro-static
1	25.80	116.87	Open To Flow (1)
17	27.60	118.58	Shut-In(1)
47	990.66	118.42	End Shut-In(1)
47	29.97	117.88	Open To Flow (2)
93	36.66	119.68	Shut-In(2)
154	881.82	121.57	End Shut-In(2)
156	2361.44	122.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud 100m (Oil Spots)	0.56

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum Inc.

36-10s-35w Thomas,KS

88 Inverness Cir E, Unit F104
Englewood, CO 80112

HD Koons #1-36

Job Ticket: 46878

DST#: 2

ATTN: Bob Elder

Test Start: 2013.02.01 @ 01:19:00

Tool Information

Drill Pipe:	Length: 4690.00 ft	Diameter: 3.80 inches	Volume: 65.79 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 65.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4706.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 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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Change Over Sub	1.00			4679.00	
Shut In Tool	5.00			4684.00	
Hydraulic tool	5.00			4689.00	
Jars	5.00			4694.00	
Safety Joint	3.00			4697.00	
Packer	5.00			4702.00	28.00 Bottom Of Top Packer
Packer	4.00			4706.00	
Stubb	1.00			4707.00	
Recorder	0.00	8017	Outside	4707.00	
Recorder	0.00	8845	Outside	4707.00	
Perforations	19.00			4726.00	
Change Over Sub	1.00			4727.00	
Drill Pipe	31.00			4758.00	
Change Over Sub	1.00			4759.00	
Bullnose	5.00			4764.00	58.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum Inc.

36-10s-35w Thomas,KS

88 Inverness Cir E, Unit F104
Englewood, CO 80112

HD Koons #1-36

Job Ticket: 46878

DST#: 2

ATTN: Bob Elder

Test Start: 2013.02.01 @ 01:19:00

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:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mud 100m (Oil Spots)	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

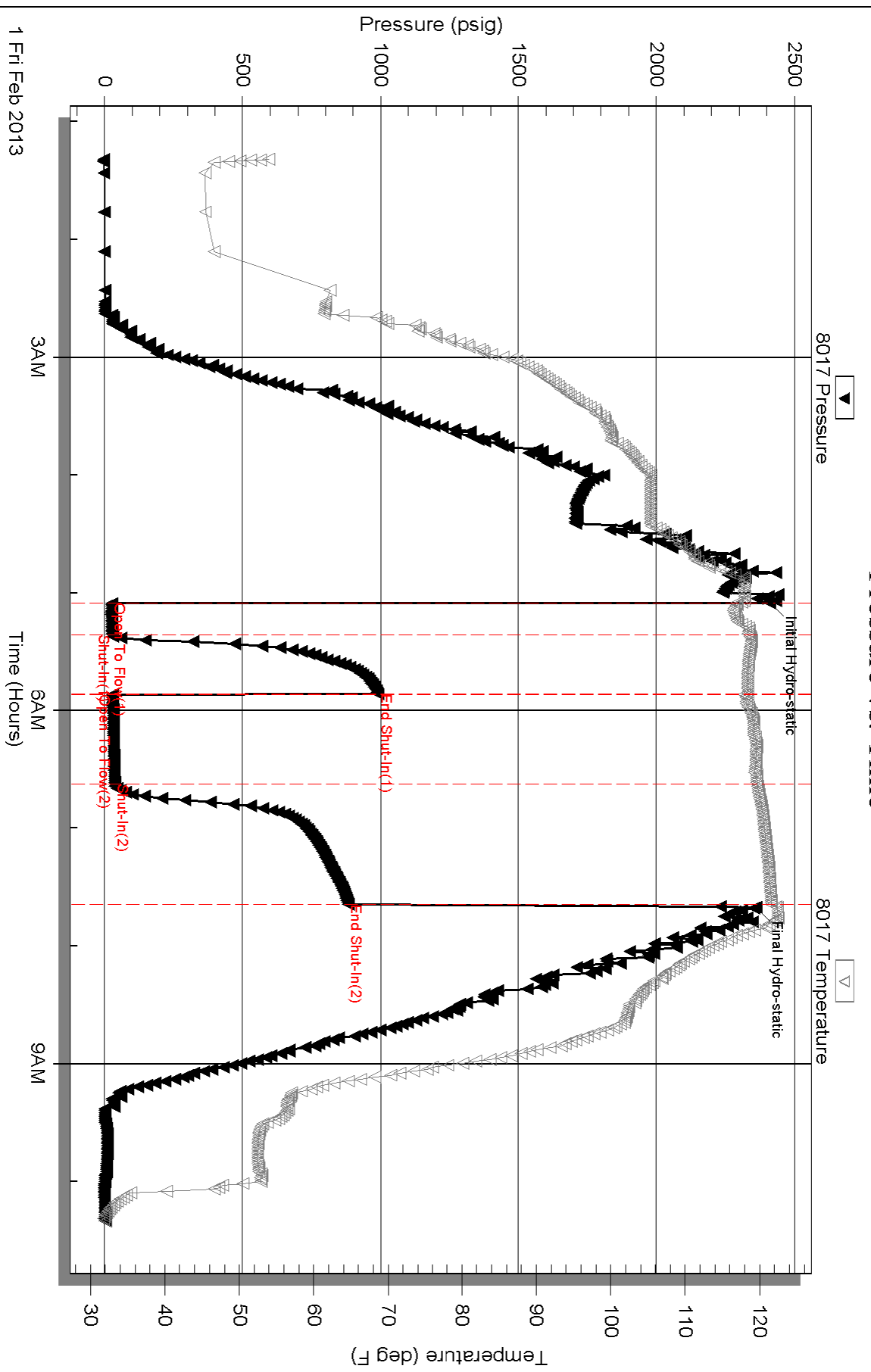
Serial #:

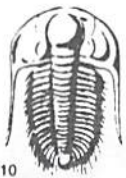
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46877

4/10

Well Name & No. HD Koons #1-36 Test No. 1 Date 1/30/13
 Company Norstar Petroleum Inc. Elevation 3280 KB 3272 GL
 Address 88 Inverness Cir E, Unit F104 Englewood, CO 80112
 Co. Rep / Geo. Bob Elder Rig Maverick #108
 Location: Sec. 36 Twp. 10S Rge. 35W Co. Thomas State KS

Interval Tested 4354-4436 Zone Tested Lansing "I-J-K"
 Anchor Length 82' Drill Pipe Run 4346 Mud Wt. 9.2
 Top Packer Depth 4350 Drill Collars Run Ø Vis 54
 Bottom Packer Depth 4354 Wt. Pipe Run Ø WL 9.6
 Total Depth 4436 Chlorides 5000 ppm System LCM 2
 Blow Description BoB @ 7 min.
No return.
BoB @ 10 min.
No return.

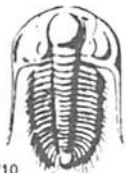
Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>Mud</u>			<u>100</u>	
<u>300</u>	<u>WCM (oil spots)</u>			<u>40</u>	<u>60</u>
<u>180</u>	<u>MCW (oil spots)</u>			<u>80</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 620 BHT 123 Gravity — API RW 237 @ 32 °F Chlorides 69,000 ppm

(A) Initial Hydrostatic <u>2163</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>7:50</u>
(B) First Initial Flow <u>42</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:02</u>
(C) First Final Flow <u>141</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:51</u>
(D) Initial Shut-In <u>1124</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>15:23</u>
(E) Second Initial Flow <u>152</u>	<input checked="" type="checkbox"/> Hourly Standby <u>X2</u> 1h 100	T-Out <u>19:03</u>
(F) Second Final Flow <u>309</u>	<input checked="" type="checkbox"/> Mileage <u>134 R/T</u> 207.70	Comments <u>projected time out 9:00</u>
(G) Final Shut-In <u>997</u>	<input type="checkbox"/> Sampler	<u>Actual time out 10:00. Did</u>
(H) Final Hydrostatic <u>2138</u>	<input type="checkbox"/> Straddle	<u>not start back in hole until 11:15</u>
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1857.70</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1857.70</u>	

Approved By [Signature] 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

Test Ticket

NO. 46878

4/10

Well Name & No. HD Koons #1-36 Test No. 2 Date 1/31/13
 Company Norstar Petroleum Inc. Elevation 3280 KB 3272 GL
 Address 88 Inverness Cir E, Unit F104 Englewood, CO 80112
 Co. Rep / Geo. Bob Elder Rig Maverick #108
 Location: Sec. 36 Twp. 10 S Rge. 35W Co. Thomas State KS

Interval Tested 4706 - 4764 Zone Tested Johnson
 Anchor Length 58' Drill Pipe Run 4690 Mud Wt. 9.1
 Top Packer Depth 4702 Drill Collars Run 0 Vis 46
 Bottom Packer Depth 4706 Wt. Pipe Run 0 WL 8.8
 Total Depth 4764 Chlorides 7,200 ppm System LCM 2
 Blow Description 3 1/4" blow.
No return.
4" blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud (oil spots)</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 40 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>242</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>23:45</u>
(B) First Initial Flow	<u>26</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>1:19</u>
(C) First Final Flow	<u>28</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>5:05</u>
(D) Initial Shut-In	<u>991</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>7:38</u>
(E) Second Initial Flow	<u>30</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>10:20</u>
(F) Second Final Flow	<u>37</u>	<input checked="" type="checkbox"/> Mileage	<u>134 R/T</u> 207.70	Comments	<u>Loaded tools</u>
(G) Final Shut-In	<u>882</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2361</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input checked="" type="checkbox"/> Ruined Packer	<u>320</u>
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>158.33+320</u>
Final Shut-In	<u>60</u>	<input checked="" type="checkbox"/> Day Standby	<u>1d 4.75h</u>	Total	<u>2261.03</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1782.70</u>		

Approved By Randy Elder Our Representative [Signature]

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CONSOLIDATED
Oil Well Services, LLC

256281

TICKET NUMBER 39221
LOCATION Oakley, KS
FOREMAN Fuzzie

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
1-25-13	5734	H-D Rooms 1-36	36	10	35	Thomas	
CUSTOMER Worstar Petroleum Inc		Pasocit W-T 112W 314N W.R		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				463	Jerry Y		
CITY		STATE		693	Jordan L		
ZIP CODE							

JOB TYPE Surfacy HOLE SIZE 12 1/4 HOLE DEPTH 362' CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 362' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 21.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Maverick #108. Rig up and circulate.
mix 275 sks class 'A' 390cc 29 gal. Drop plug and displace 21 3/4
BBH and shut in. Cement did circulate approx 3-4 bbls to
pit.

Thanks Fuzzie crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5409	1	PUMP CHARGE	1085 ⁰⁰	1085 ⁰⁰
5406	20	MILEAGE	5 ⁰⁰	100 ⁰⁰
5407a	12.9 down	Tow Mileage Delivery	167	421. ⁰⁰
11045	275 sks	Class 'A' cement	17 ⁶⁵	4853 ²⁵
1102	776*	Calcium Chloride	89	690 ⁶⁴
1118B	517*	Bentonite	25	129 ²⁵
4432	1	8 5/8 wood cup plug	96 ⁰⁰	96 ⁰⁰
		subtotal		7385 ⁶⁴
		less 109 ⁰⁰		738 ⁵⁶
		subtotal		6647 ⁰⁸
1111	100+	SALT	.45	W/C

completed

Ravin 3737

AUTHORIZATION Robert Stevenson

TITLE _____

DATE _____

SALES TAX 379.07
ESTIMATED TOTAL 7026.15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



256454

TICKET NUMBER 39264
 LOCATION Oakley, KS
 FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-2-13	5734	HO Keans #1	36	10	36	Thomas
CITY		STATE	ZIP CODE			
CUSTOMER		Pagecity				
MAILING ADDRESS		N to Colina				
CITY		STATE	ZIP CODE			
		TRUCK #		DRIVER	TRUCK #	DRIVER
		463		Coly D		
		693		Damon M		
				Jeemy		

JOB TYPE PTA HOLE SIZE 7 1/8 HOLE DEPTH 4880 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting rigged up on Maverick #108, mixed cement plugs & displaced

25 SKS @ 2750

100 SKS @ 1772

40 SKS @ 400

10 SKS @ 40

15 SKS MH

30 RH

*Thank You
Kelly & Dave*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325.00	1325.00
5406	20 mi	MILEAGE	5.00	100.00
1131	220 SKS	60/40 Poz	1.50	330.00
1118B	757 #	Bentonite	.25	189.25
1107	55	Flo-seal	2.83	155.15
5407	9.46	Ton Mileage delivery (min)	167	410.00
41432	1	8 5/8 Wooden Plug	96.00	96.00
1111	100 #	salt		NC
				5597.35
<i>Lead Rodisc</i>				559.74
				5037.61
SALES TAX				247.19
ESTIMATED TOTAL				5284.80

completed

Ravin 3737

4:30 PM

AUTHORIZATION

TITLE Toolpusher

DATE 2-2-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.