



KANSAS CORPORATION COMMISSION 1090679
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 # 31652
Name: Norstar Petroleum, Inc.
Address 1: 88 INVERNESS CIR E. Unit F104
Address 2:
City: ENGLEWOOD State: CO Zip: 80112 +
Contact Person: Brady Pfeiffer
Phone: (303) 925-0696
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Brad Rine
Purchaser: NCRA

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
 Conv. to GSW

- Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

2/23/2012	3/2/2012	3/3/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-193-20835-00-00

Spot Description:

NW NE NW SE Sec. 36 Twp. 10 S. R. 35 East West
2369 Feet from North / South Line of Section
1885 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Thomas

Lease Name: WJLH Koons Well #: 2-36

Field Name:

Producing Formation: Johnson

Elevation: Ground: 3291 Kelly Bushing: 3296

Total Depth: 4901 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 260 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2755 Feet

If Alternate II completion, cement circulated from: 2769

feet depth to: 0 w/ 400 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 7000 ppm Fluid volume: 1000 bbls

Dewatering method used: Evaporated

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

- Letter of Confidentiality Received
Date: 08/15/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Gombor Date: 08/27/2012



1090679

Operator Name: Norstar Petroleum, Inc. Lease Name: WJLH Koons Well #: 2-36
 Sec. 36 Twp. 10 S. R. 35 East West County: Thomas

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
CDL/CNL DL Microlog				

CASING RECORD <input type="checkbox"/> New <input checked="" 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	23	260	Common	165	3% cc, 2% gel
Production	7.875	4.5	10.5	4896	EA-2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2769	SMD	400	
	-			

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
4	4730-4740	750 gal 15% MCA, 1500 gal 15% NE	4730

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4821</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>4/20/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
				Gravity

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 checked="" 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	Norstar Petroleum, Inc.
Well Name	WJLH Koons 2-36
Doc ID	1090679

Tops

Anhydrite	2768	+526
Topeka	3985	-691
Heebner	4139	-845
Toronto	4160	-866
Lansing	4181	-887
Stark Shale	4405	-1111
Ft. Scott	4632	-1338
Cherokee SHale	4650	-1356
Johnson	4730	-1436
Mississippi	4820	-1526

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

Sam Brownback, Governor

August 15, 2012

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

Re: ACO1
API 15-193-20835-00-00
WJLH Koons 2-36
SE/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

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

Sam Brownback, Governor

August 21, 2012

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

Re: ACO-1
API 15-193-20835-00-00
WJLH Koons 2-36
SE/4 Sec.36-10S-35W
Thomas County, Kansas

Dear Brady Pfeiffer:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

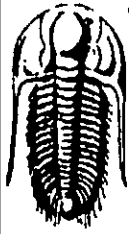
The above referenced well was spudded on 2/23/2012 and the ACO-1 was received on August 15, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.
88 Inverness Cir E. Unit 104
ATTN: Brad Rine

36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 042047 DST#: 1
Test Start: 2012.02.27 @ 14:00:00

Mud and Cushion Information

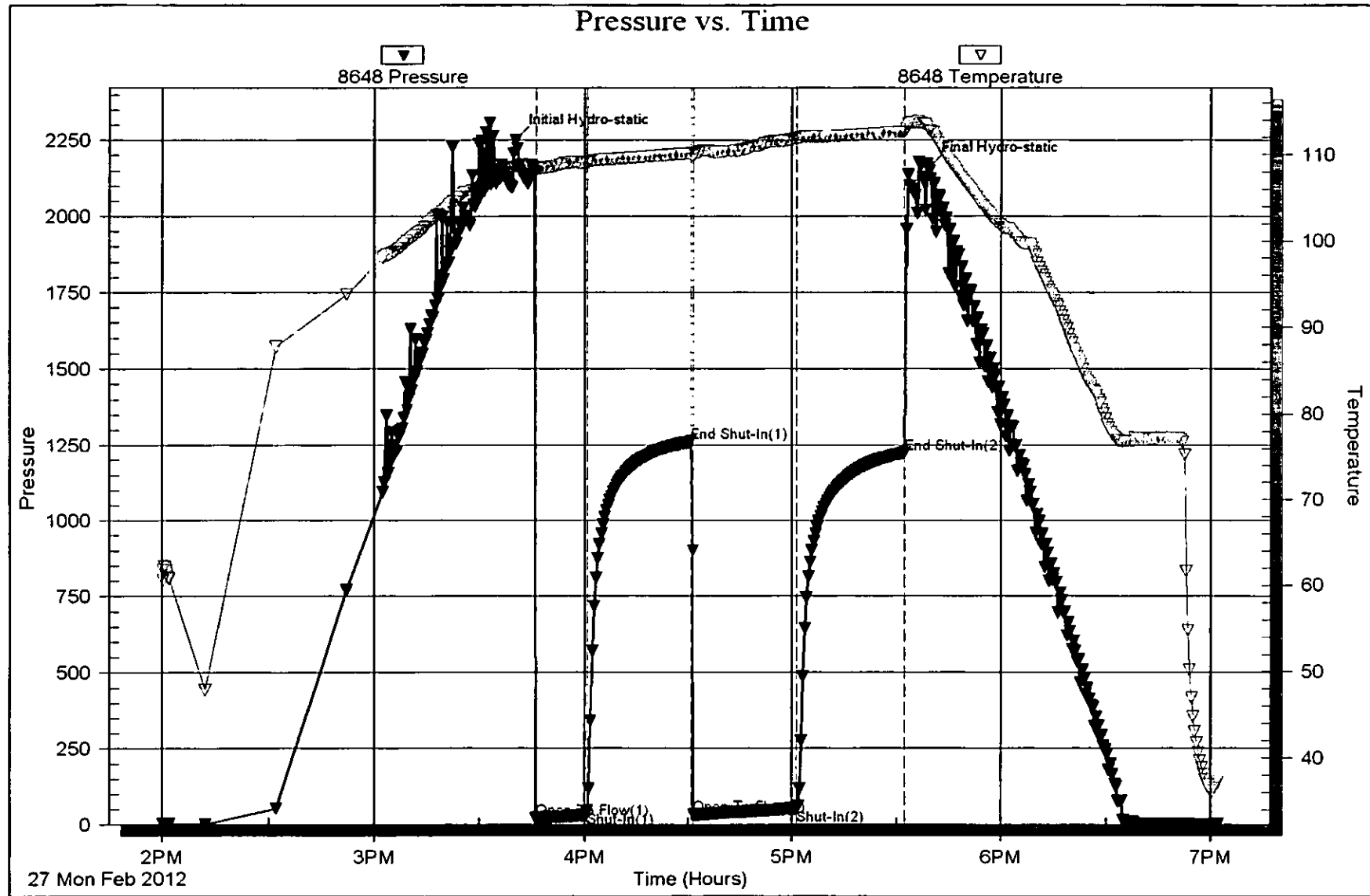
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.48 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	w cm-30%w 70%m	0.295
10.00	w cm-20%w 80%m	0.049

Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.
88 Inverness Cir E Unit 104
ATTN: Brad Rine

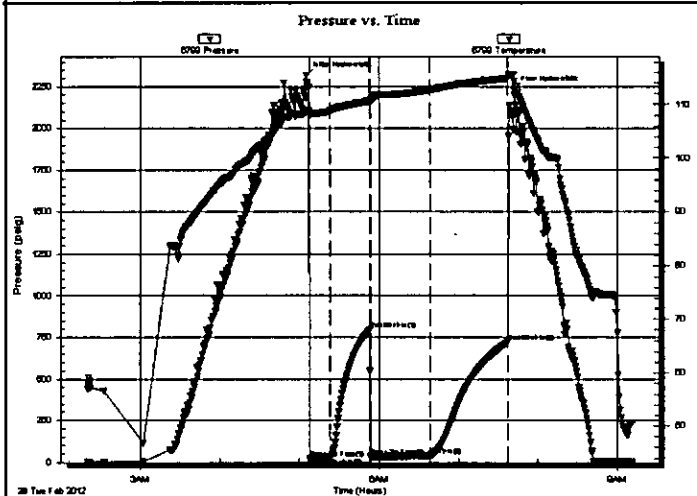
36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 42048 **DST#: 2**
Test Start: 2012.02.28 @ 02:20:00

GENERAL INFORMATION:

Formation: **LKC-I**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:08:00
Time Test Ended: 09:11:00
Interval: **4352.00 ft (KB) To 4380.00 ft (KB) (TVD)**
Total Depth: 4380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreutzer Jr.
Unit No: 36
Reference Elevations: 3294.00 ft (KB)
3289.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 **Inside**
Press@RunDepth: 39.28 psig @ 4353.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.02.28 End Date: 2012.02.28 Last Calib.: 2012.02.28
Start Time: 02:20:05 End Time: 09:10:59 Time On Btm: 2012.02.28 @ 05:05:30
Time Off Btm: 2012.02.28 @ 07:42:15

TEST COMMENT: IF: Weak blow, Surface.
IS: No blow back
FF: Weak blow after 15 mins. surface over 45 mins.
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.98	108.61	Initial Hydro-static
3	22.38	108.18	Open To Flow (1)
18	30.04	108.73	Shut-In(1)
48	794.69	110.65	End Shut-In(1)
48	30.72	110.57	Open To Flow (2)
93	39.28	112.75	Shut-In(2)
152	723.75	114.93	End Shut-In(2)
157	2231.62	114.40	Final Hydro-static

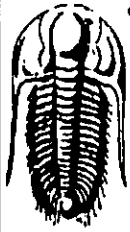
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud with oil specs	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.
88 Inverness Cir E. Unit 104
ATTN: Brad Rine

36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 42048 DST#: 2
Test Start: 2012.02.28 @ 02:20:00

Mud and Cushion Information

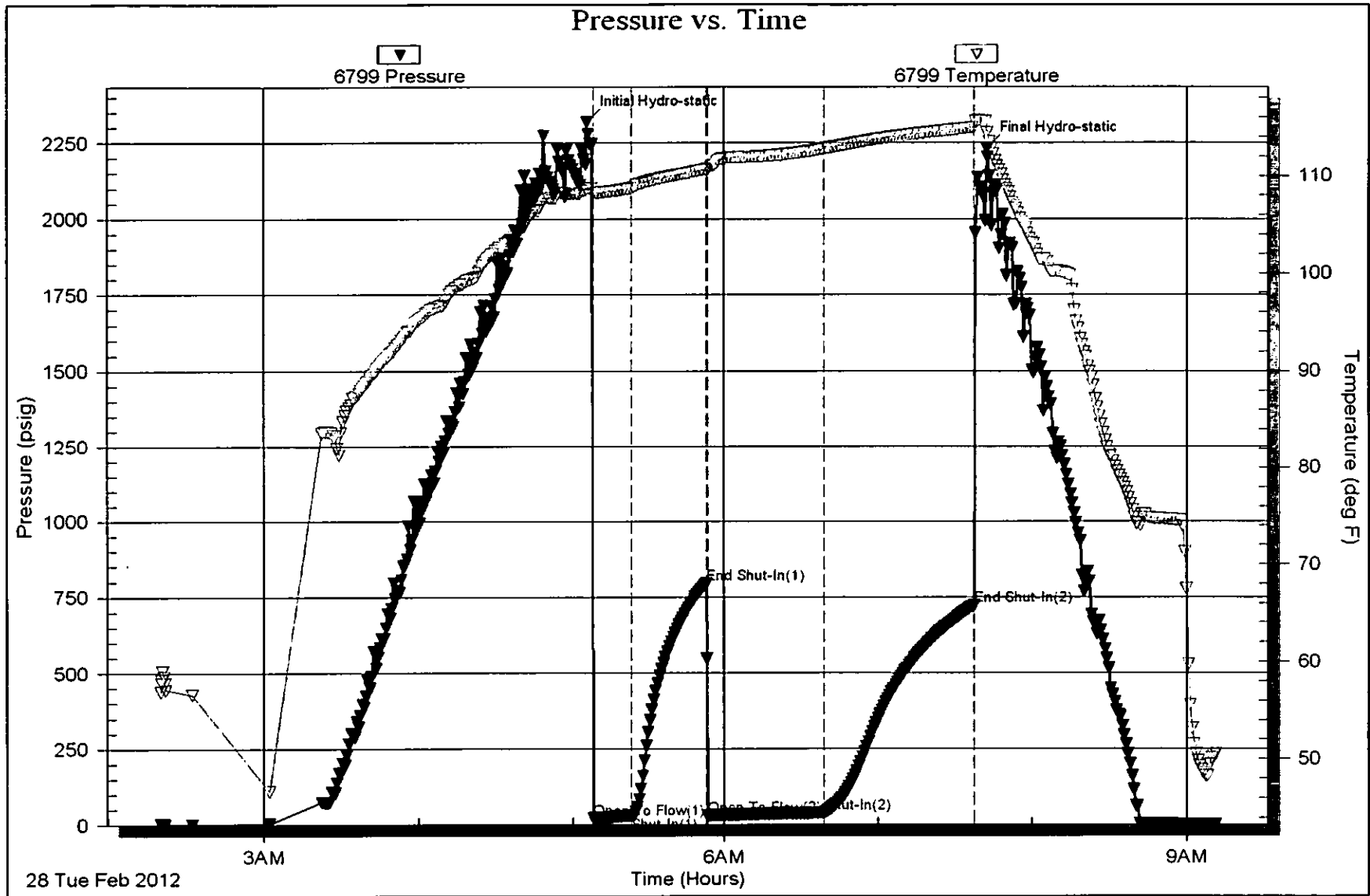
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.47 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 2.00 inches			

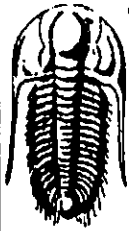
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud with oil specs	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.
88 Inverness Cir E. Unit 104
ATTN: Brad Rine

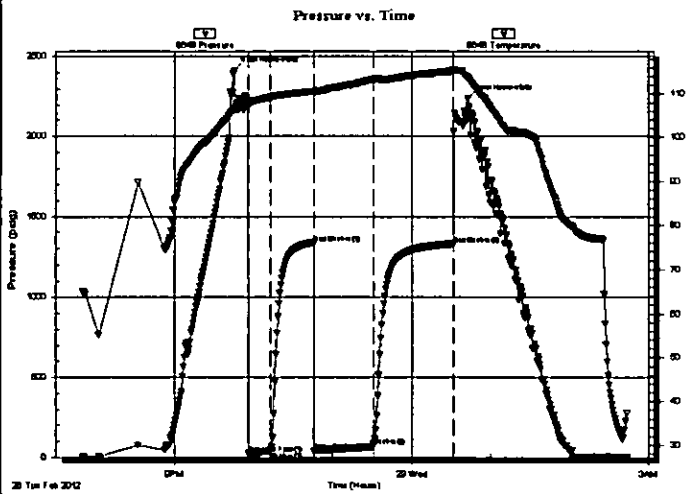
36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 42049 DST#: 3
Test Start: 2012.02.28 @ 19:50:00

GENERAL INFORMATION:

Formation: **LKC-J,K**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 21:56:15
Time Test Ended: 02:43:45
Interval: **4378.00 ft (KB) To 4446.00 ft (KB) (TVD)**
Total Depth: **4446.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Raset)**
Tester: **Chuck Kreutzer Jr.**
Unit No: **36**
Reference Elevations: **3294.00 ft (KB)**
3289.00 ft (CF)
KB to GRV/CF: **5.00 ft**

Serial #: 8648 **Inside**
Press@RunDepth: **71.84 psig @ 4379.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.02.28** End Date: **2012.02.29** Last Calib.: **2012.02.29**
Start Time: **19:50:05** End Time: **02:43:44** Time On Btm: **2012.02.28 @ 21:45:30**
Time Off Btm: **2012.02.29 @ 00:43:00**

TEST COMMENT: IF: Weak blow, Surface.
IS: No blow back
FF: Weak surface after 15 mins
FS: No blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2414.02	106.54	Initial Hydro-static
11	24.31	107.74	Open To Flow (1)
28	36.90	109.23	Shut-in(1)
60	1331.37	110.59	End Shut-in(1)
61	39.68	110.36	Open To Flow (2)
106	71.84	113.36	Shut-in(2)
167	1327.54	115.28	End Shut-in(2)
178	2238.87	113.63	Final Hydro-static

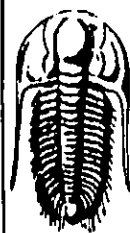
Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud-100%	0.30
10.00	vsocm-2%o98%m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.
88 Inverness Cir E Unit 104
ATTN: Brad Rine

36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 42049 DST#: 3
Test Start: 2012.02.28 @ 19:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 65.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 6000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud-100%	0.295
10.00	vsocm-2%o98%m	0.049

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

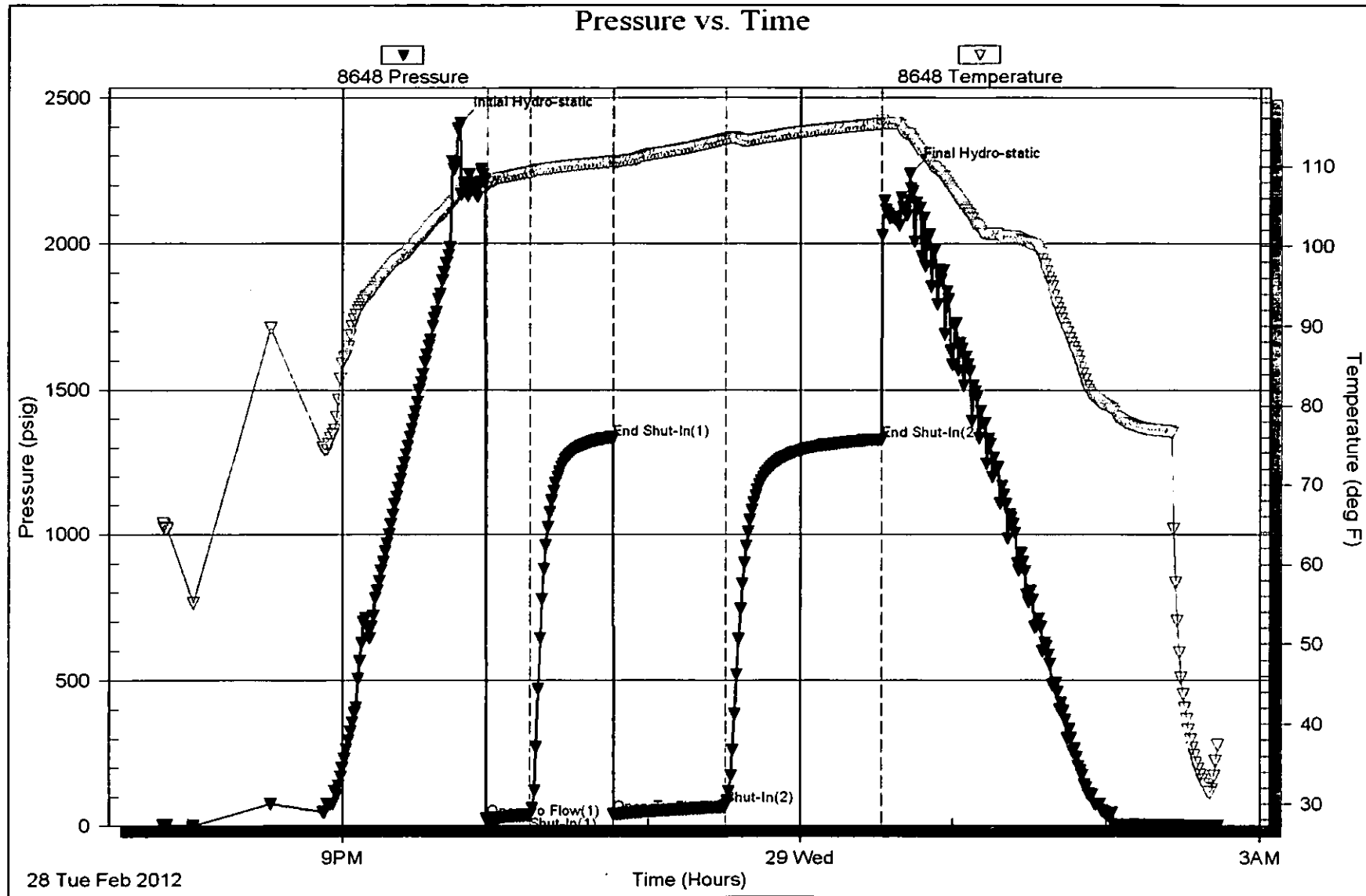
Num Gas Bombs: 0

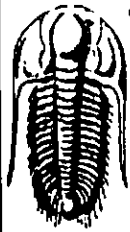
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.
88 Inverness Cir E. Unit 104
Englewood, CO 80112
ATTN: Brad Rine

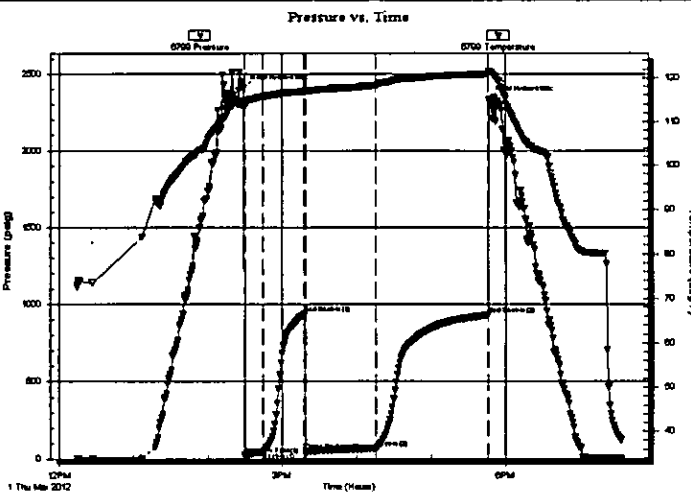
36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 45610 **DST#: 4**
Test Start: 2012.03.01 @ 12:15:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 14:29:45
Time Test Ended: 19:33:30
Interval: **4704.00 ft (KB) To 4780.00 ft (KB) (TVD)**
Total Depth: **4780.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Kevin Mack**
Unit No: **43**
Reference Elevations: **3294.00 ft (KB)**
3289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6799 Inside
Press@RunDepth: **66.51 psig @ 4705.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.03.01** End Date: **2012.03.01** Last Calib.: **2012.03.01**
Start Time: **12:15:05** End Time: **19:33:29** Time On Btm: **2012.03.01 @ 14:29:00**
Time Off Btm: **2012.03.01 @ 17:46:45**

TEST COMMENT: IF- 1/4" Blow built to 1/2"
IS- No Return
FF- Surface blow built to 1 1/4"
FS- No Return



PRESSURE SUMMARY

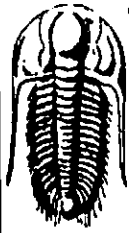
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2406.50	113.62	Initial Hydro-static
1	24.83	113.58	Open To Flow (1)
16	42.81	115.71	Shut-in(1)
49	936.53	116.85	End Shut-in(1)
50	46.42	116.71	Open To Flow (2)
107	66.51	118.22	Shut-in(2)
197	931.22	120.79	End Shut-in(2)
198	2334.43	121.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 60M 40o	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.
88 Inverness Cir E. Unit 104
Englewood, CO 80112
ATTN: Brad Rine

36 10e 35s Thomas Ks
WJLH Koons #2-36
Job Ticket: 45610 DST#: 4
Test Start: 2012.03.01 @ 12:15:00

Mud and Cushion Information

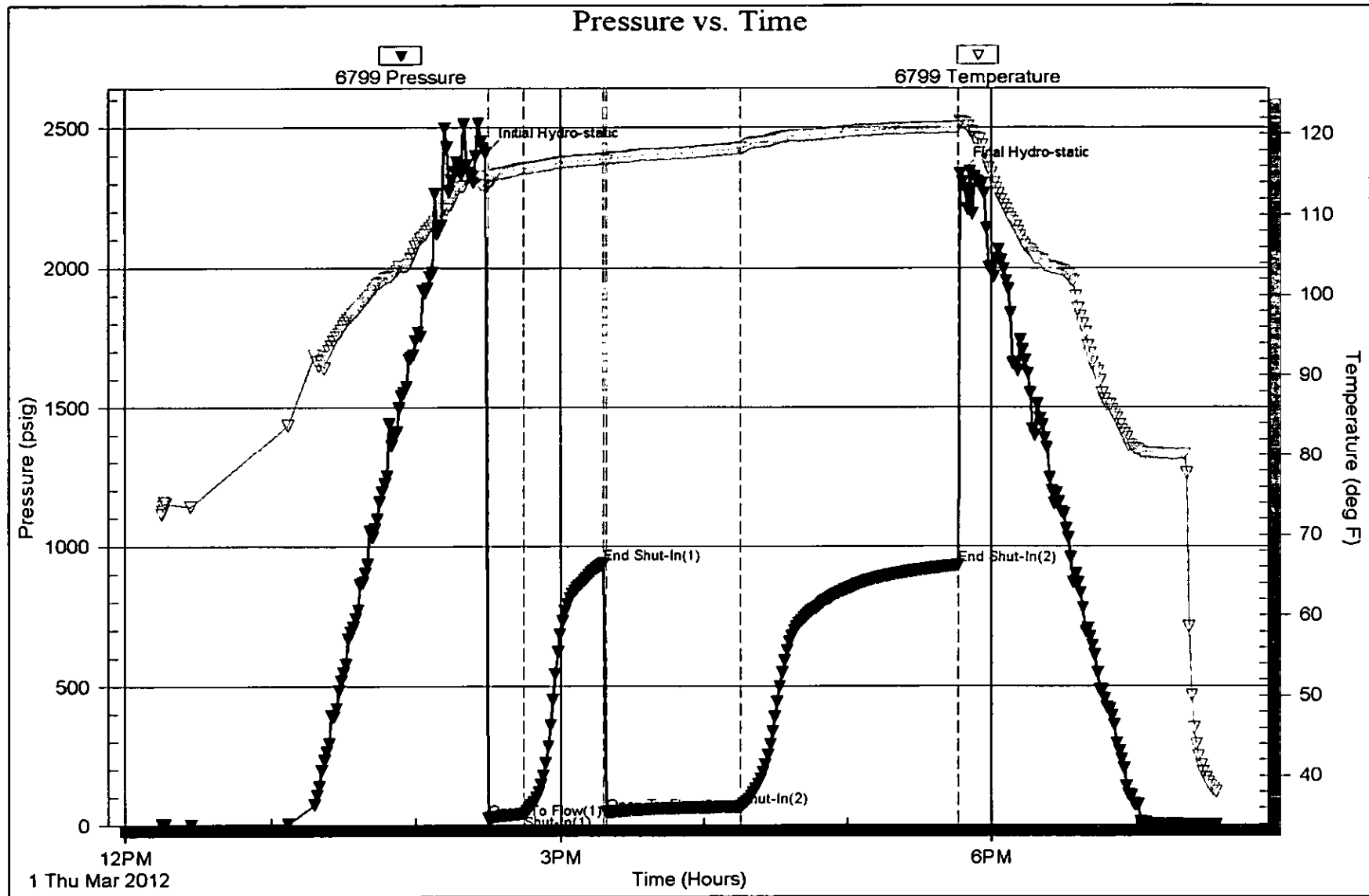
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 2.00 inches			

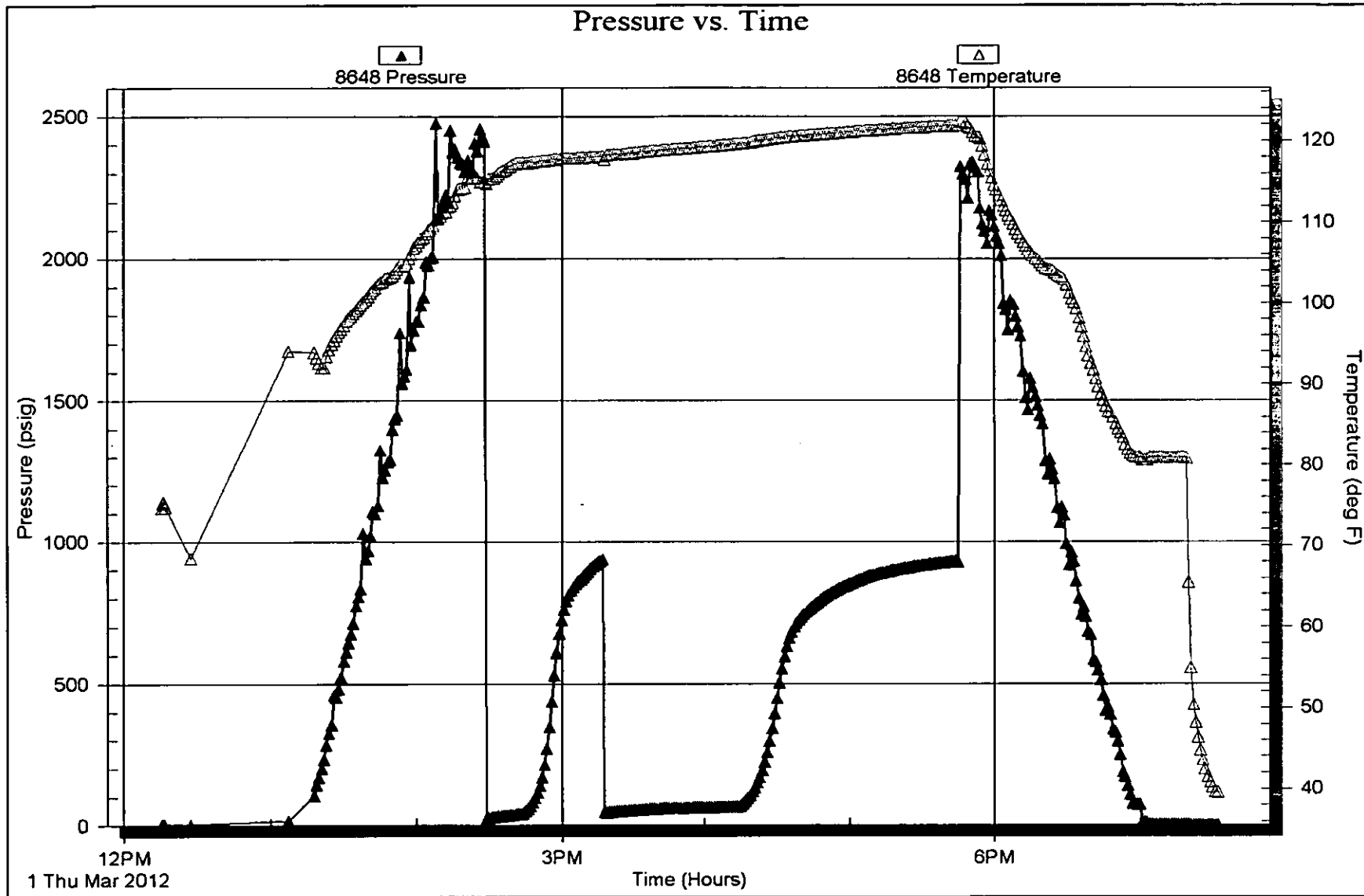
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OCM 60M 40o	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





ALLIED CEMENTING CO., LLC. 040928

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

SERVICE POINT
Okla

DATE <u>2-23-12</u>	SEC <u>36</u>	TWP <u>10</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>12:00</u>	JOB START <u>12:30</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>WJLH Woods</u>	WELL # <u>2-36</u>	LOCATION <u>Page City 1w-2N-1/4W</u>			COUNTY <u>Thomas</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				N+W into			

CONTRACTOR WW-2
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8.58 DEPTH 261
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 FT
 PERFS. \
 DISPLACEMENT 16.70

OWNER Same
 CEMENT
 AMOUNT ORDERED 165 sks Com 3% cc
2% Gel

COMMON 165 sks @ 16.25 = 2681.25
 POZMIX @
 GEL 3 sks @ 21.25 = 63.75
 CHLORIDE 6 sks @ 158.20 = 949.20
 ASC @

EQUIPMENT
 PUMP TRUCK CEMENTER Darren R.
422 HELPER Wayne
 BULK TRUCK
404 DRIVER Steve
 BULK TRUCK
 DRIVER

HANDLING 174 sks @ 2.25 = 391.50
 MILEAGE 114 per miles = 244.52
 TOTAL 3830.27

REMARKS:
Mix 165 sks Cement
Displace with Water
Cement Did Circulate

Thank You

SERVICE

DEPTH OF JOB 261
 PUMP TRUCK CHARGE \$ 1125.00
 EXTRA FOOTAGE @
 MILEAGE 118 @ 7.00 = 826.00
 MANIFOLD Swadge @ 325.00
4w mileage @ 74.00 = 72.00

TOTAL \$ 1648.00

CHARGE TO: Norstar Petroleum

FR BET
 TY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
 @
 @
 @
 @

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Fornie King

NATURE Lease

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.

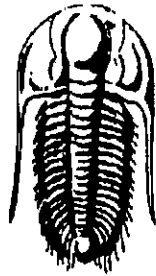
JOB LOG

SWIFT Services, Inc.

DATE 8-2-12 PAGE NO. 7

CUSTOMER NOKSTAR PETROLEUM WELL NO. 236 LEASE WYLLH MOONS JOB TYPE 2-STAGE TICKET NO. 21312

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION CMT: BITTEN 175518 EA-2 700 400 514 5MD RTD 4900 SET PER 4897 SJ 41.81 INLET 4855 4 1/2 10.5" D.V. ON TOP *53 2769 FT CENT: 1.3, 5.7, 9.11, 13.15, 17.18, CASING: 53.66 52.57
	2030							START CSM FIGHTER TAG BITTEN DISPLACE
	2300							BREAK CIRC & ROTATE PIPE
	0000	6.0	12		-		200	500 MUD FLUSH
			20		-			2000 MCL FLUSH
			42.5		-			175518 EA-2
								DROP PLUG, WAIT 1/2 HR
		6.5	0		-		200	START DLY 1/2 HR
			33		-		5	" " 1/2 HR
			70		-		500	
			75		-		600	
	0025	4.0	77.2		-		1300	LAND PUG - RELEASE - DLY
	0045				-		1100	DROP DV OPENING DART, OPEN DV
	0050							CIRCUT RIG
	0400		7.5		-			PLUG RH 30, MH 20
	0405	5.5	20		-		200	2000 MCL FLUSH
	0445	5	194		-		300	350518 5MD
								DROP DV CLOSING PUG
	0450	5.0	0		-		200	START DLY
			20		-		400	CIRC CMT TO PIT! 35 SWS!
			40		-		600	
	0500		44		-		1400	LAND CLOS DV
	0600							JOB COMPLETE THANK YOU! MR. JOSH, BOB, DAVE



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

88 Inerness Cir E. unit F104
Englewood, CO 80112

ATTN: Bob Elder

T- Schertz #2-32

32-10s-34w Thomas,KS

Start Date: 2012.03.04 @ 12:20:27

End Date: 2012.03.04 @ 18:49:36

Job Ticket #: 45021 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.08 @ 15:18:19

Norstar Petroleum

32-10s-34w Thomas,KS

T- Schertz #2-32

DST # 1

LKC H-I-J

2012.03.04