



KANSAS CORPORATION COMMISSION 1085957
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 # 31389
Name: Noble Petroleum, Inc.
Address 1: 3101 N ROCK RD STE 125
Address 2: _____
City: WICHITA State: KS Zip: 67226 + 1300
Contact Person: Jay Ablah
Phone: (316) 636-2222
CONTRACTOR: License # 32701
Name: C & G Drilling, Inc.
Wellsite Geologist: Frank Mize
Purchaser: Not Applicable

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 #: _____

6/22/2012	6/27/2012	6/27/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-015-23948-00-00

Spot Description: _____
NW SE NW NE Sec. 20 Twp. 24 S. R. 4 East West
837 Feet from North / South Line of Section
1768 Feet from East / West Line of Section

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

County: Butler

Lease Name: ARTZ Well #: 1

Field Name: _____

Producing Formation: None

Elevation: Ground: 1333 Kelly Bushing: 1339

Total Depth: 2534 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 225 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: 900 ppm Fluid volume: 400 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Noble Petroleum, Inc.

Lease Name: Klaassen License #: 31389

Quarter SE Sec. 27 Twp. 24 S. R. 4 East West

County: Butler Permit #: D-30663

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 Gertzel Date: 07/12/2012



1085957

Operator Name: Noble Petroleum, Inc. Lease Name: ARTZ Well #: 1
 Sec. 20 Twp. 24 S. R. 4 East West County: Butler

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
---	--

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	23	225	Class A	125	3%CaCl, 2%gel, 25# Flo-Sea

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing <input checked="" type="checkbox"/> Plug Back TD _____ Plug Off Zone	175-225	60/40 Poz	35	4% Gel
	0-60	60/40 Poz	25	4% Gel

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Noble Petroleum, Inc.
Well Name	ARTZ 1
Doc ID	1085957

Tops

Lansing	1826	-487
Base Lansing	1945	-606
Kansas City	2103	-764
Stark	2201	-862
Hushpuckney	2229	-890
BKC	2257	-918
Marmaton	2321	-982
Cherokee	2453	-1114
Mississippian	2484	-1145
RTD	2534	-1195



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 34828

LOCATION EUREKA

FOREMAN Kevin McCoy

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

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-015-23948

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-22-12	5631	ARTZ # 1	20	24S	4E	Butler

CUSTOMER		TRUCK #		DRIVER	
Noble Petroleum, INC.		520	John S.	515	Calvin H.
MAILING ADDRESS		C&G DRIG. RIG 1			
3101 N. ROCK Rd STE 125					
CITY	STATE	ZIP CODE			
Wichita	KS	67226			

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 229' KB CASING SIZE & WEIGHT 8 5/8 23" NW
 CASING DEPTH 218 G.L. DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15' SLURRY VOL 30 BBL WATER gal/sk 6.5 CEMENT LEFT IN CASING 15'
 DISPLACEMENT 13.4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Drilling Rig had some lost circulation while drilling surface hole. Rig up to 8 5/8 casing. Mixed 125 sacks class "A" cement w/ 3% CACEL, 2% GEL, 1/4" Flo-Seal /sk @ 15' /gal (Mixed Cotton Seed Halls w/ cement to help w/ LC). Displace w/ 13.4 BBL fresh water. Shut casing in. Good cement returns to surface & 6 BBL slurry to pit. Job complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	825.00	825.00
5406	25	MILEAGE	4.00	100.00
1104 S	125 SCS	CLASS "A" CEMENT	14.95	1868.75
1102	350 "	CACEL 3%	.74 "	259.00
1118 B	235 "	GEL 2%	.21 "	49.35
1107	30 "	Flo-Seal 1/4" /sk	2.35 "	70.50
5407	5.87 TONS	TON MILEAGE BULK DELV.	M/C	350.00
			Sub Total	3522.60
			SALES TAX 6.55%	147.22
			ESTIMATED TOTAL	3669.82

Form 3737

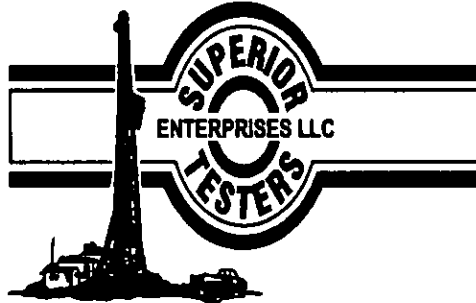
THANK YOU

AUTHORIZATION Cotton

TITLE C&G DRIG Toolpusher

DATE _____

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



DRILL STEM TEST REPORT

Prepared For: **Noble Petroleum Inc**

3101 N Rock RD ste 125 Wichita KS
67226+1300

ATTN: Frank Mize

Artz #1

20-24s-4e Butler

Start Date: 2012.06.26 @ 11:10:00

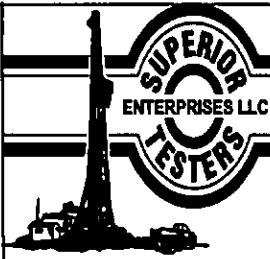
End Date: 2012.06.26 @ 16:47:30

Job Ticket #: 17354 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.06.26 @ 16:56:27

Noble Petroleum Inc 20-24s-4e Butler Artz #1 DST # 1 Mississippi 2012.06.26



DRILL STEM TEST REPORT

Noble Petroleum Inc

20-24s-4e Butler

3101 N Rock RD ste 125 Wichita KS 67226+1300

Artz #1

Job Ticket: 17354

DST#: 1

ATTN: Frank Mize

Test Start: 2012.06.26 @ 11:10:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:47:30

Time Test Ended: 16:47:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-240

Interval: **2448.00 ft (KB) To 2497.00 ft (KB) (TVD)**

Reference Elevations: 1339.00 ft (KB)

Total Depth: 2497.00 ft (KB) (TVD)

1333.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 6731

Press@RunDepth: 59.51 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.06.26

End Date:

2012.06.26

Last Calib.:

2012.06.26

Start Time: 11:10:00

End Time:

16:47:30

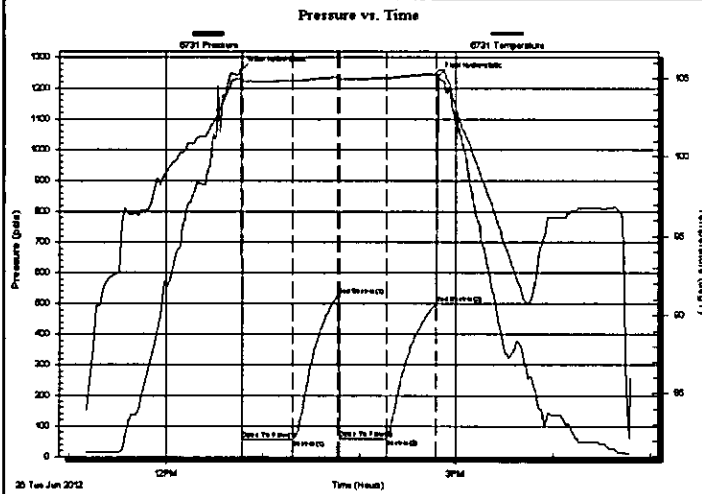
Time On Btm

2012.06.26 @ 12:46:30

Time Off Btm

2012.06.26 @ 14:48:30

TEST COMMENT: 1st Opening 30 Minutes-Very weak blow built 1/4 inch into water in 30 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Very weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

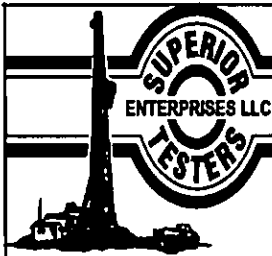
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1259.28	105.02	Initial Hydro-static
1	54.24	104.81	Open To Flow (1)
32	56.24	104.82	Shut-in(1)
60	526.51	105.07	End Shut-in(1)
61	57.44	104.95	Open To Flow (2)
90	59.51	105.02	Shut-in(2)
121	500.99	105.29	End Shut-in(2)
122	1240.47	105.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

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



DRILL STEM TEST REPORT

Noble Petroleum Inc

20-24s-4e Butler

3101 N Rock RD ste 125 Wichita KS 67226+1300

Artz #1

Job Ticket: 17354

DST#: 1

ATTN: Frank Mze

Test Start: 2012.06.26 @ 11:10:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:47:30

Time Test Ended: 16:47:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-240

Interval: 2448.00 ft (KB) To 2497.00 ft (KB) (TVD)

Reference Elevations: 1339.00 ft (KB)

Total Depth: 2497.00 ft (KB) (TVD)

1333.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8159

Press@RunDepth: 500.27 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.06.26 End Date: 2012.06.26

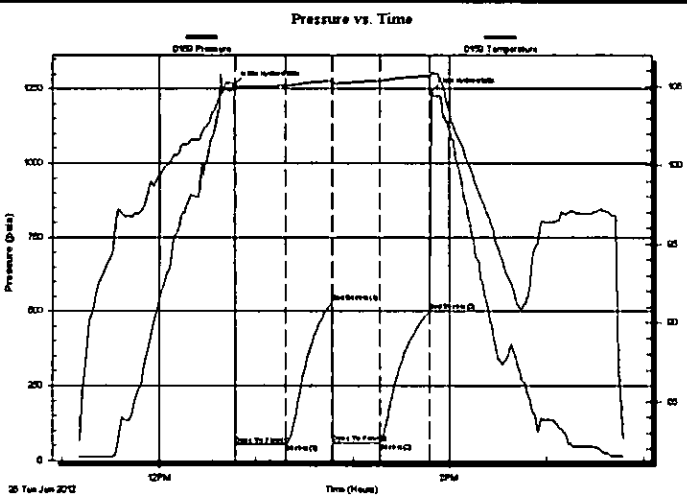
Last Calib.: 2012.06.26

Start Time: 11:10:00 End Time: 16:47:30

Time On Btm: 2012.06.26 @ 12:46:30

Time Off Btm: 2012.06.26 @ 14:48:30

TEST COMMENT: 1st Opening 30 Minutes-Very weak blow built 1/4 inch into water in 30 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Very weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

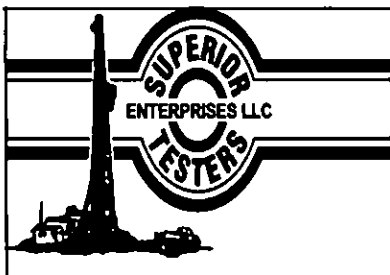
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	1262.97	105.25	Initial Hydro-static
1	52.09	105.06	Open To Flow (1)
32	54.34	105.05	Shut-in(1)
60	529.35	105.37	End Shut-in(1)
61	56.11	105.21	Open To Flow (2)
90	58.31	105.38	Shut-in(2)
121	500.27	105.67	End Shut-in(2)
122	1241.89	105.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Noble Petroleum Inc
 3101 N Rock RD ste 125 Wichita KS 67226+1300
 ATTN: Frank Mize

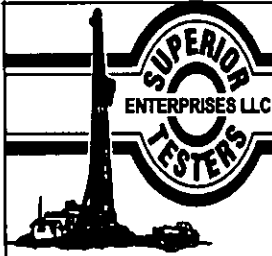
20-24s-4e Butler
Artz #1
 Job Ticket: 17354 **DST#: 1**
 Test Start: 2012.06.26 @ 11:10:00

Tool Information

Drill Pipe: Length: 2082.00 ft	Diameter: 3.80 inches	Volume: 29.20 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar: Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 40000.00 lb
Total Volume: 30.97 bbl			Tool Chased 0.00 ft
Drill Pipe Above KB: 22.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer: 2448.00 ft			Final 32000.00 lb
Depth to Bottom Packer: ft			
Interval between Packers: 49.00 ft			
Tool Length: 77.00 ft			
Number of Packers: 2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00		inside	2425.00	
Hydraulic Tool	5.00			2430.00	
Jars	6.00			2436.00	
Safety Joint	2.00			2438.00	
Packer	5.00			2443.00	28.00 Bottom Of Top Packer
Packer	5.00			2448.00	
Anchor	44.00			2492.00	
Recorder	1.00		inside	2493.00	
Recorder	1.00		Outside	2494.00	
Bullnose	3.00			2497.00	49.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Noble Petroleum Inc

20-24s-4e Butler

3101 N Rock RD ste 125 Wichita KS 67226+1300

Artz #1

Job Ticket: 17354

DST#: 1

ATTN: Frank Mize

Test Start: 2012.06.26 @ 11:10:00

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud	0.010

Total Length:

2.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

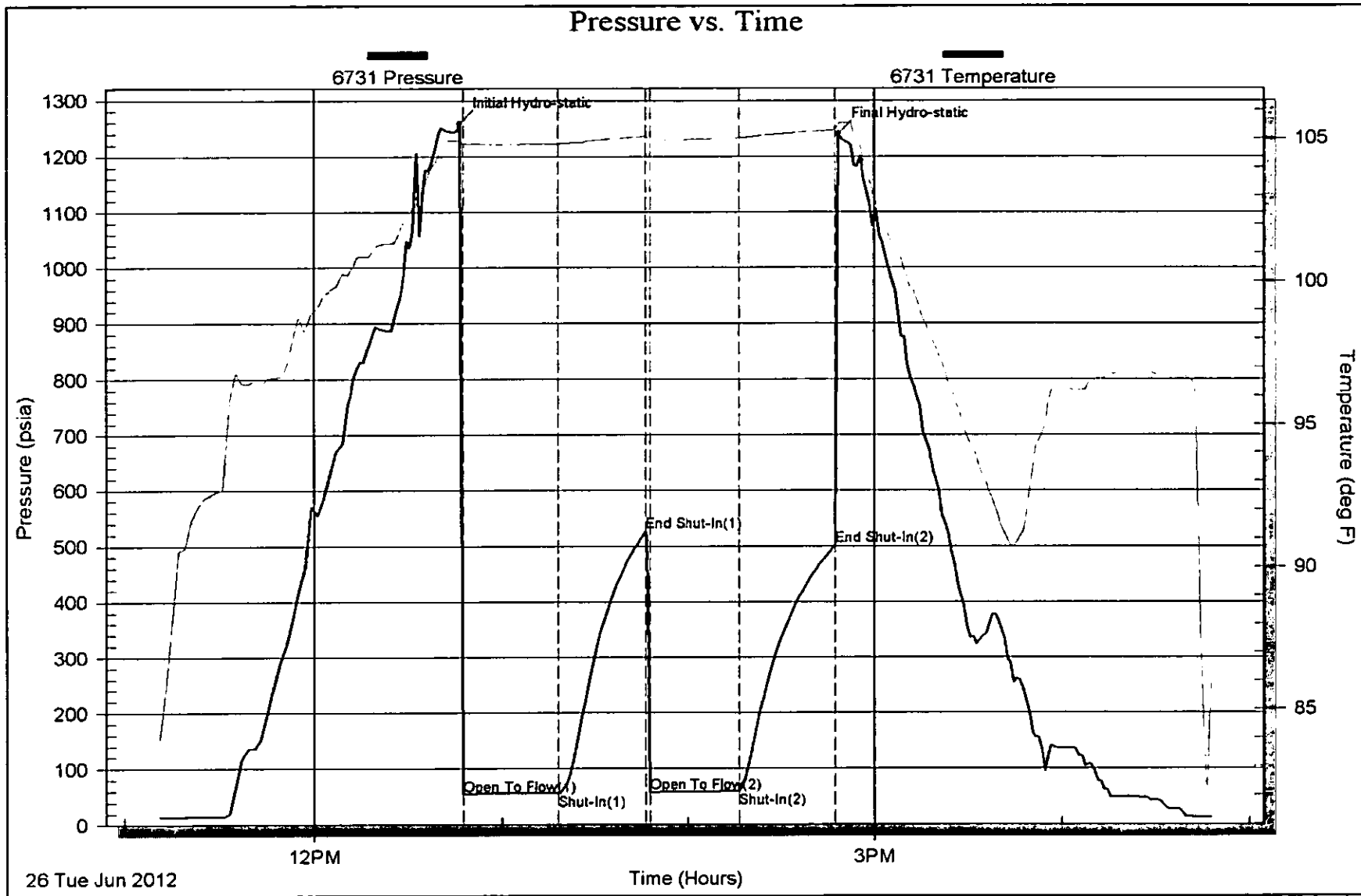
Num Gas Bombs: 0

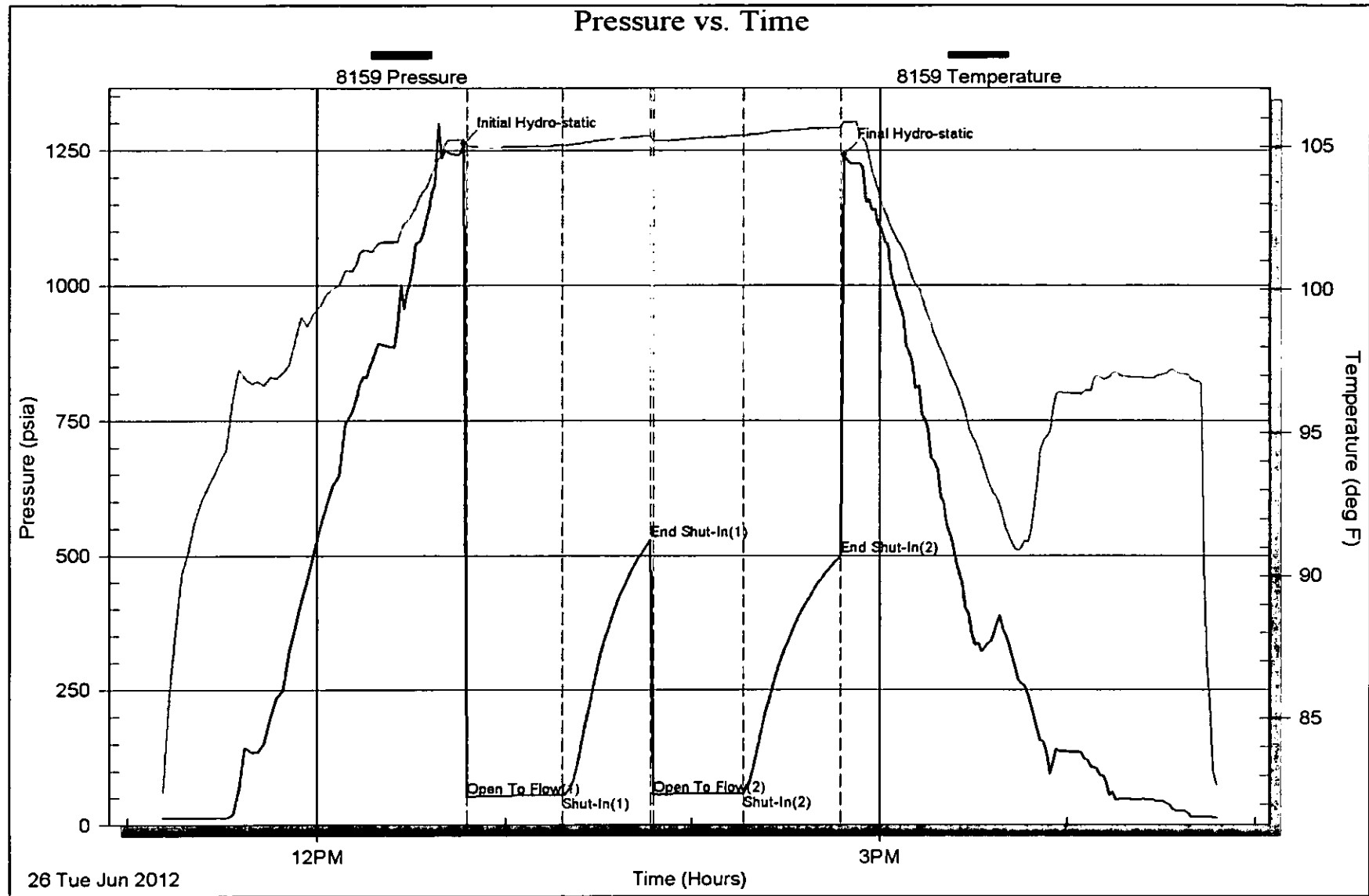
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







Project Name:	...
Client:	...
Location:	...
Date:	...
Scale:	...
Drawn by:	...
Checked by:	...
Approved by:	...



Soil Type	...
Moisture Content	...
Specific Gravity	...
Compaction	...
Penetration Test	...
Unconfined Compressive Strength	...
Swelling Potential	...
Classification	...

