



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212619
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
-----------------------------------	-----------------	---

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: _____

1212619

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

ALLIED CEMENTING CO., LLC. 041632

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <u>6-21-10</u>	SEC. <u>36</u>	TWP. <u>18</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>11:15am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Hiss</u>	WELL # <u>2</u>	LOCATION <u>Olmite South to Hwy 96 3/4</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>North West into</u>					

CONTRACTOR HZ Drilling Rig #3
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 905'
 CASING SIZE 8 5/8 DEPTH 905'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 42.55'
 PERFS.
 DISPLACEMENT 54.92 Bbl
 EQUIPMENT

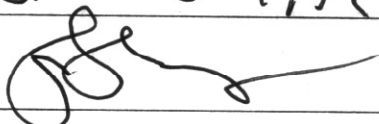
PUMP TRUCK CEMENTER John Roberts
 # 417 HELPER Heath
 BULK TRUCK
 # 481 DRIVER Ron
 BULK TRUCK
 # DRIVER

REMARKS:

Est. Circulation
Mix 350 sk Cement
Displace w/ 54.9 Bbl H2O
Cement Did Circulate!
Thank You!

CHARGE TO: LB Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 Shy / HZ
 SIGNATURE 

OWNER
 CEMENT
 AMOUNT ORDERED 350 6940 3%cc 2% Gel
 COMMON 210 @ 13.50 2835.00
 POZMIX 140 @ 7.55 1057.00
 GEL 6 @ 20.25 121.50
 CHLORIDE 11 @ 51.50 566.50
 ASC @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 350 @ 2.25 787.50
 MILEAGE 110/sk/mile 700.00
 TOTAL 6067.50

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 991.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1131.00

PLUG & FLOAT EQUIPMENT

8 5/8 Rubber Plug @ 74.00
8 5/8 Baffle Plate @ 67.20
 @ _____
 @ _____
 @ _____
 TOTAL 141.20

SALES TAX (If Any) _____
 TOTAL CHARGES ~~6067.50~~
 DISCOUNT IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 041645

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <u>6-28-10</u>	SEC. <u>36</u>	TWP. <u>18</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>1:45pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Hiss</u>	WELL # <u>2</u>	LOCATION <u>Olmitz South to Hwy 96 3/4</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>North West into</u>				

CONTRACTOR H₂ Drilling Rig #3
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3616'
 CASING SIZE 5 1/2 DEPTH 3552.67'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
~~ISERT~~ Isert DEPTH 3521.92'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 35.75'
 CEMENT LEFT IN CSG. 35.75'
 PERFS.
 DISPLACEMENT 83.82 Bbl

OWNER
 CEMENT
 AMOUNT ORDERED 220 ASC 5# Gilsonite
500 gal WFR-2 10 gal KCL
 COMMON 220 @ 16.70 3674.00
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
Gilsonite 1320 @ 1.85 1122.00
WFR-2 500 @ 1.10 550.00
KCL 10 @ 30.40 304.00
 HANDLING 220 @ 2.25 495.00
 MILEAGE 110.54/mi 440.00
 TOTAL 6585.00

EQUIPMENT
 PUMP TRUCK CEMENTER John Roberts
 # 419 HELPER Shane
 BULK TRUCK
 # 378 DRIVER Heath
 BULK TRUCK
 # DRIVER

REMARKS:

Ran 81 jts 5 1/2 15.5# casing set @ 3560'
Est. Circulation and circulate 20 min
on bottom. Pump 500 gal WFR-2 followed
by 20 Bbl H₂O w/ 2% KCL. Plug Rathole w/
30sk cement. Mix 190sk cement and
displace plug w/ 83.8 Bbl H₂O w/ 2%
KCL. Land Plug @ 1300 psi
Float Did Hold.
Thank You!

CHARGE TO: LB Exploration
 STREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 1957.00
 EXTRA FOOTAGE @
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD @
 TOTAL 2097.00

5 1/2 PLUG & FLOAT EQUIPMENT

Packer Shoe @ 931.00
Latch Down Plug @ 164.00
1-Cement Basket @ 161.00
6-Centralizers @ 35.00 210.00
 TOTAL 1466.00

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.

PRINTED NAME Rickey Perry
 SIGNATURE Rickey Perry

SALES TAX (If Any)
 TOTAL CHARGES ~~6585.00~~
 DISCOUNT IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **L.B EXPLORATION INC**

2135 2ND RD
HOLYROOD KS 67450

ATTN: JOSH AUSTIN

36-18S-15W-BARTON

HISS #2

Start Date: 2010.06.26 @ 02:45:00

End Date: 2010.06.26 @ 09:45:30

Job Ticket #: 1101 DST #: 1

Eagle Testers LLC.

P.O.Box 1011, Great Bend, KS 67530

620-617-7548

Printed: 2010.06.26 @ 02:54:54

L.B EXPLORATION INC
HISS #2
36-18S-15W-BARTON
DST # 1
LKC A-F
2010.06.26



DRILL STEM TEST REPORT

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1101

DST#: 1

Test Start: 2010.06.26 @ 02:45:00

GENERAL INFORMATION:

Formation: **LKC A-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:55:00

Time Test Ended: 09:45:30

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 21 MGB

Interval: **3225.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3300.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6666

Press @ RunDepth: 126.12 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.26

End Date: 2010.06.26

Last Calib.: 2010.06.26

Start Time: 02:45:00

End Time: 09:45:30

Time On Btm: 2010.06.26 @ 04:54:30

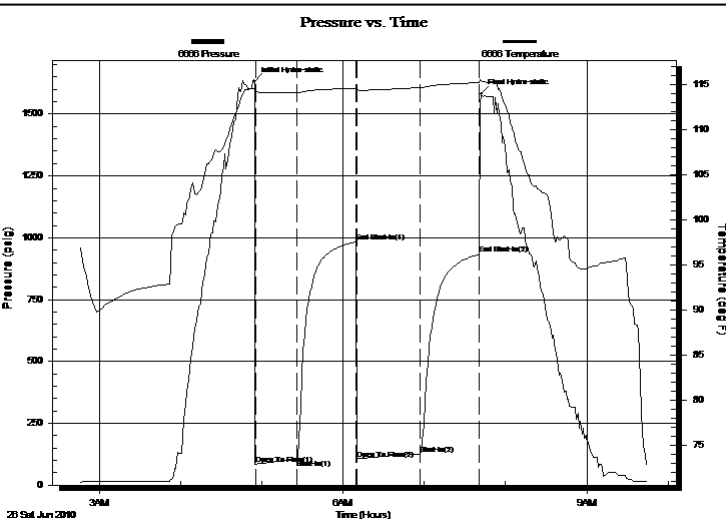
Time Off Btm: 2010.06.26 @ 07:42:00

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 5 INCHES INTO WATER

45-INITIAL SHUT IN NO BLOW BACK

45-FINAL OPENING SURFACE BLOW THEN DIED AFTER 5 MINS

45-FINAL OPENING NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1633.14	114.58	Initial Hydro-static
1	83.64	114.31	Open To Flow (1)
32	104.32	114.13	Shut-In(1)
76	983.49	114.64	End Shut-In(1)
76	105.94	114.48	Open To Flow (2)
123	126.12	114.69	Shut-In(2)
166	933.71	115.25	End Shut-In(2)
168	1581.20	115.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	MUD 100%M	0.69

Gas Rates

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



DRILL STEM TEST REPORT

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1101

DST#: 1

Test Start: 2010.06.26 @ 02:45:00

GENERAL INFORMATION:

Formation: **LKC A-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:55:00

Time Test Ended: 09:45:30

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 21 MGB

Interval: **3225.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3300.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6651

Press @ RunDepth: 934.83 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.26

End Date: 2010.06.26

Last Calib.: 2010.06.26

Start Time: 02:45:00

End Time: 09:47:30

Time On Btm: 2010.06.26 @ 04:55:00

Time Off Btm: 2010.06.26 @ 07:42:30

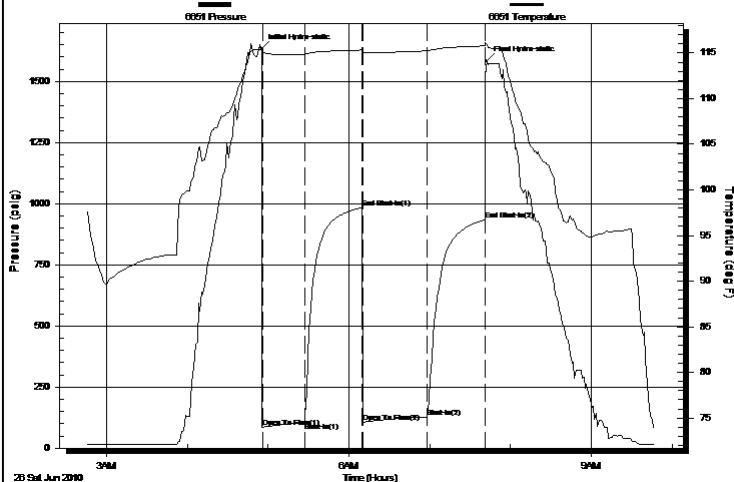
TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 5 INCHES INTO WATER

45-INITIAL SHUT IN NO BLOW BACK

45-FINAL OPENING SURFACE BLOW THEN DIED AFTER 5 MINS

45-FINAL OPENING NO BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.43	115.38	Initial Hydro-static
1	85.38	115.04	Open To Flow (1)
32	105.78	114.84	Shut-In(1)
75	984.74	115.33	End Shut-In(1)
76	107.21	114.97	Open To Flow (2)
123	128.28	115.23	Shut-In(2)
166	934.83	115.78	End Shut-In(2)
168	1583.69	115.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	MUD 100%M	0.69

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1101

DST#: 1

Test Start: 2010.06.26 @ 02:45:00

Tool Information

Drill Pipe:	Length: 2767.00 ft	Diameter: 3.88 inches	Volume: 40.47 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: 20000.00 lb
Drill Collar:	Length: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 43.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	97.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3225.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	90.00 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			3215.00	
HYD S.I. Tool	5.00			3220.00	
TRAVEL COLER	2.00			3222.00	
Packer	3.00			3225.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			3227.00	
PACKER	3.00			3230.00	
CH OVER SUB	0.75			3230.75	
DRILL PIPE	31.50			3262.25	
CH OVER SUB	0.75			3263.00	
Anchor	32.00			3295.00	
REC	1.00			3296.00	
REC	1.00			3297.00	
BULL PLUG	3.00			3300.00	75.00 Anchor Tool

Total Tool Length: 90.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

Job Ticket: 1101

DST#: 1

ATTN: JOSH AUSTIN

Test Start: 2010.06.26 @ 02:45:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	MUD 100%M	0.688

Total Length: 140.00 ft Total Volume: 0.688 bbl

Num Fluid Samples: 0

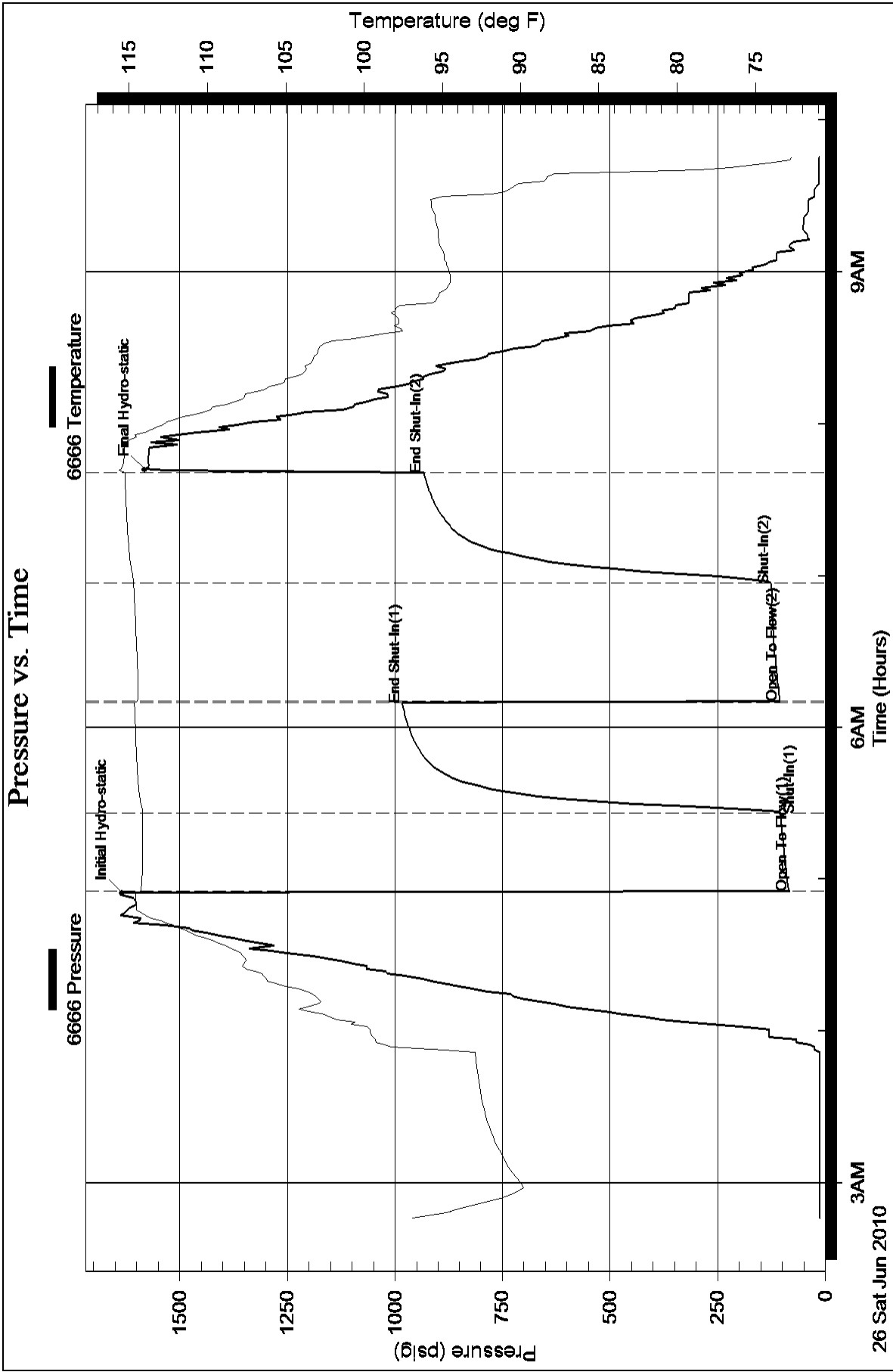
Num Gas Bombs: 0

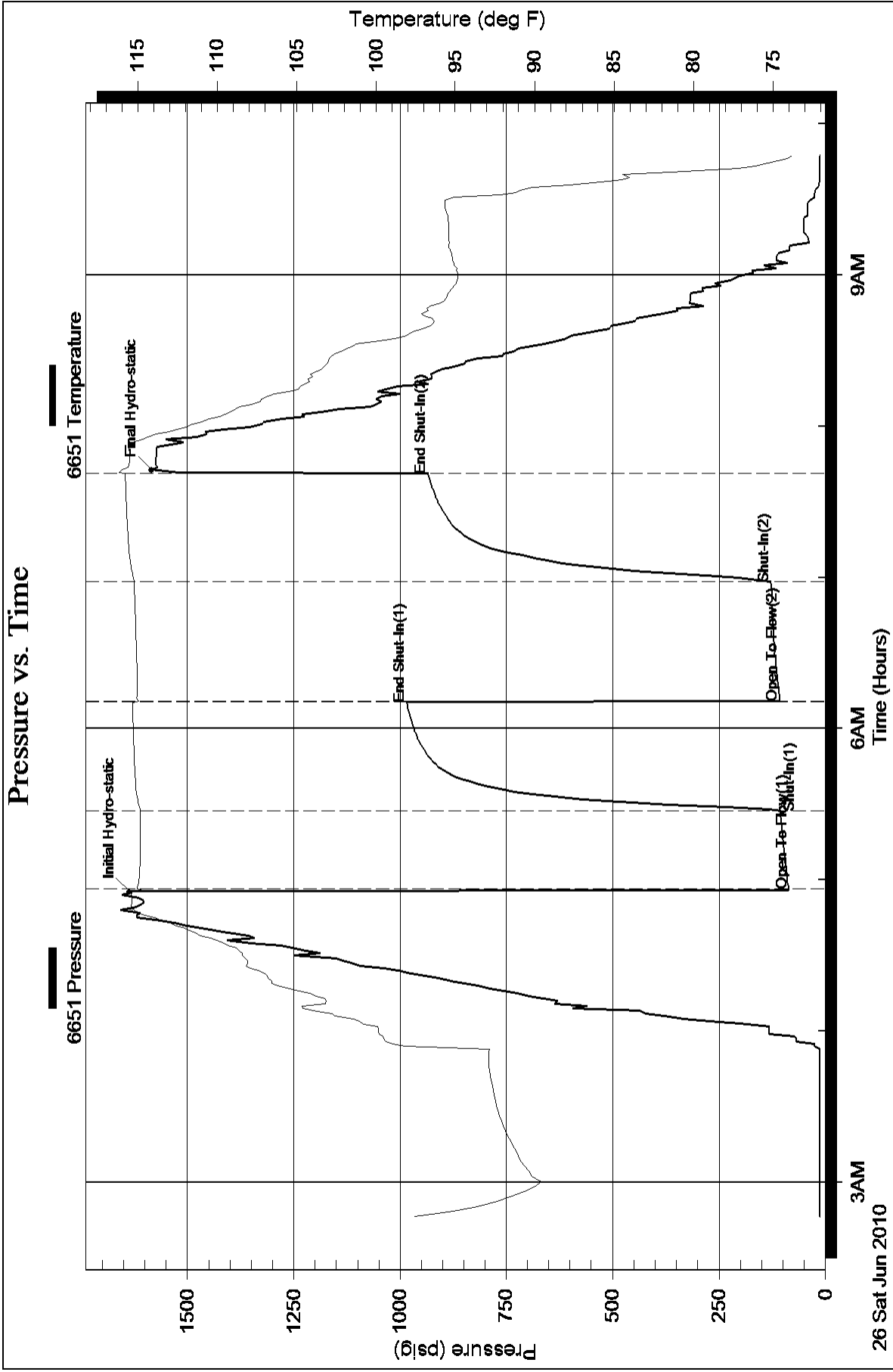
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L.B EXPLORATION INC**

2135 2ND RD
HOLYROOD KS 67450

ATTN: JOSH AUSTIN

36-18S-15W-BARTON

HISS #2

Start Date: 2010.06.26 @ 21:00:00

End Date: 2010.06.27 @ 04:47:00

Job Ticket #: 1102 DST #: 2

Eagle Testers LLC.

P.O.Box 1011, Great Bend, KS 67530

620-617-7548

Printed: 2010.06.26 @ 21:21:46

L.B EXPLORATION INC
HISS #2
36-18S-15W-BARTON
DST # 2
LKC H-J
2010.06.26



DRILL STEM TEST REPORT

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1102 **DST#: 2**

Test Start: 2010.06.26 @ 21:00:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:30

Time Test Ended: 04:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 21M GB

Interval: **3352.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6666

Press @ RunDepth: 368.99 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.26 End Date: 2010.06.27

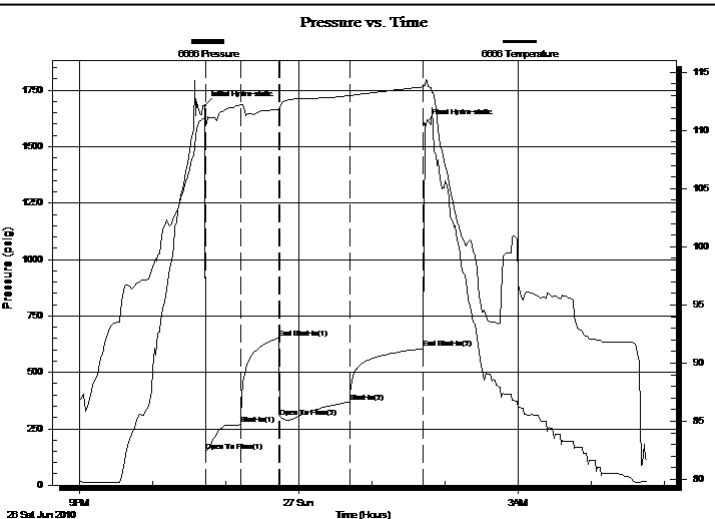
Last Calib.: 2010.06.26

Start Time: 21:00:00 End Time: 04:47:00

Time On Btm: 2010.06.26 @ 22:43:00

Time Off Btm: 2010.06.27 @ 01:43:30

TEST COMMENT: 30-INITIAL OPENING GOOD BLOW BOTTOM BUCKET IN 2 MINS
30-INITIAL SHUT IN STRONG BLOW BACK
60-FINAL OPENING GOOD BLOW BOTTOM BUCKET IN 4 MINS GAS TO SURFACE 45 MIN
60-FINAL SHUT IN STRONG BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.30	111.01	Initial Hydro-static
1	150.55	110.76	Open To Flow (1)
29	270.72	112.24	Shut-In(1)
61	651.70	111.82	End Shut-In(1)
62	303.16	112.00	Open To Flow (2)
119	368.99	112.98	Shut-In(2)
180	605.20	113.75	End Shut-In(2)
181	1601.55	113.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GASSEY OIL CUT MUD 15%G45%O40%	0.59
240.00	GASSEY OIL TRACE MUD 30%G65%O5%	1.18
450.00	GASSEY OIL TRACE MUD 10%G85%O5%	4.83
60.00	MUD CUT GASSEY OIL 105G70%O20%	0.88

Gas Rates

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



DRILL STEM TEST REPORT

L.B EXPLORATION INC

2135 2ND RD
HOLYROOD KS 67450

ATTN: JOSH AUSTIN

HISS #2

36-18S-15W-BARTON

Job Ticket: 1102

DST#: 2

Test Start: 2010.06.26 @ 21:00:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:30

Time Test Ended: 04:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 21M GB

Interval: 3352.00 ft (KB) To 3420.00 ft (KB) (TVD)

Total Depth: 3420.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1907.00 ft (KB)

1899.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6651

Press @ RunDepth: 606.66 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.26

End Date: 2010.06.27

Last Calib.: 2010.06.26

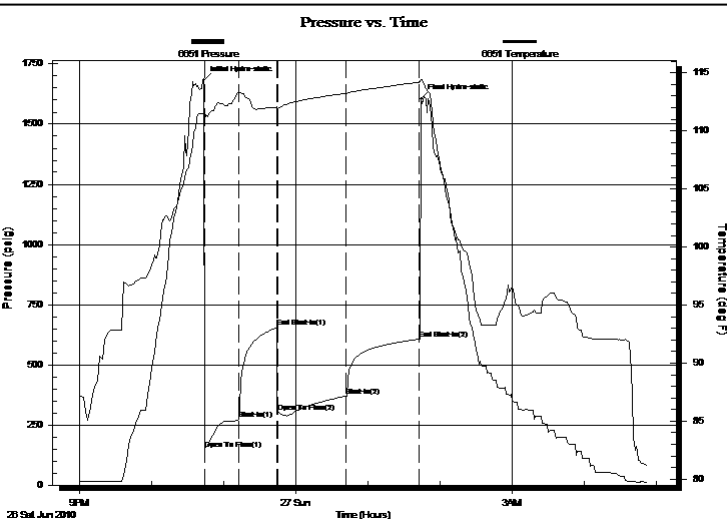
Start Time: 21:00:00

End Time: 04:53:00

Time On Btm: 2010.06.26 @ 22:43:30

Time Off Btm: 2010.06.27 @ 01:44:30

TEST COMMENT: 30-INITIAL OPENING GOOD BLOW BOTTOM BUCKET IN 2 MINS
30-INITIAL SHUT IN STRONG BLOW BACK
60-FINAL OPENING GOOD BLOW BOTTOM BUCKET IN 4 MINS GAS TO SURFACE 45 MIN
60-FINAL SHUT IN STRONG BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.59	111.51	Initial Hydro-static
1	147.77	110.55	Open To Flow (1)
30	272.01	113.28	Shut-In(1)
61	654.88	112.06	End Shut-In(1)
62	304.58	111.93	Open To Flow (2)
119	369.97	113.25	Shut-In(2)
180	606.66	114.21	End Shut-In(2)
181	1605.37	114.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GASSEY OIL CUT MUD 15%G45%O40%	10.59
240.00	GASSEY OIL TRACE MUD 30%G65%O5%	1.18
450.00	GASSEY OIL TRACE MUD 10%G85%O5%	4.83
60.00	MUD CUT GASSEY OIL 105G70%O20%	0.88

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1102

DST#: 2

Test Start: 2010.06.26 @ 21:00:00

Tool Information

Drill Pipe:	Length: 2797.00 ft	Diameter: 3.88 inches	Volume: 40.90 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: 20000.00 lb
Drill Collar:	Length: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 43.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	0.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3352.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	83.00 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			3342.00	
HYD S.I. Tool	5.00			3347.00	
TRAVEL COLER	2.00			3349.00	
Packer	3.00			3352.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			3354.00	
PACKER	3.00			3357.00	
CH OVER SUB	0.75			3357.75	
DRILL PIPE	31.50			3389.25	
CH OVER SUB	0.75			3390.00	
Anchor	25.00			3415.00	
REC	1.00			3416.00	
REC	1.00			3417.00	
BULL PLUG	3.00			3420.00	68.00 Anchor Tool

Total Tool Length: 83.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

Job Ticket: 1102

DST#: 2

ATTN: JOSH AUSTIN

Test Start: 2010.06.26 @ 21:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 9.20 in³
Resistivity: ohm.m
Salinity: 6000.00 ppm
Filter Cake: inches

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

Oil API: 34 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GASSEY OIL CUT MUD 15%G45%O40%M	0.590
240.00	GASSEY OIL TRACE MUD 30%G65%O5%M	1.180
450.00	GASSEY OIL TRACE MUD 10%G85%O5%M	4.834
60.00	MUD CUT GASSEY OIL 105G70%O20%M	0.877

Total Length: 870.00 ft Total Volume: 7.481 bbl

Num Fluid Samples: 0

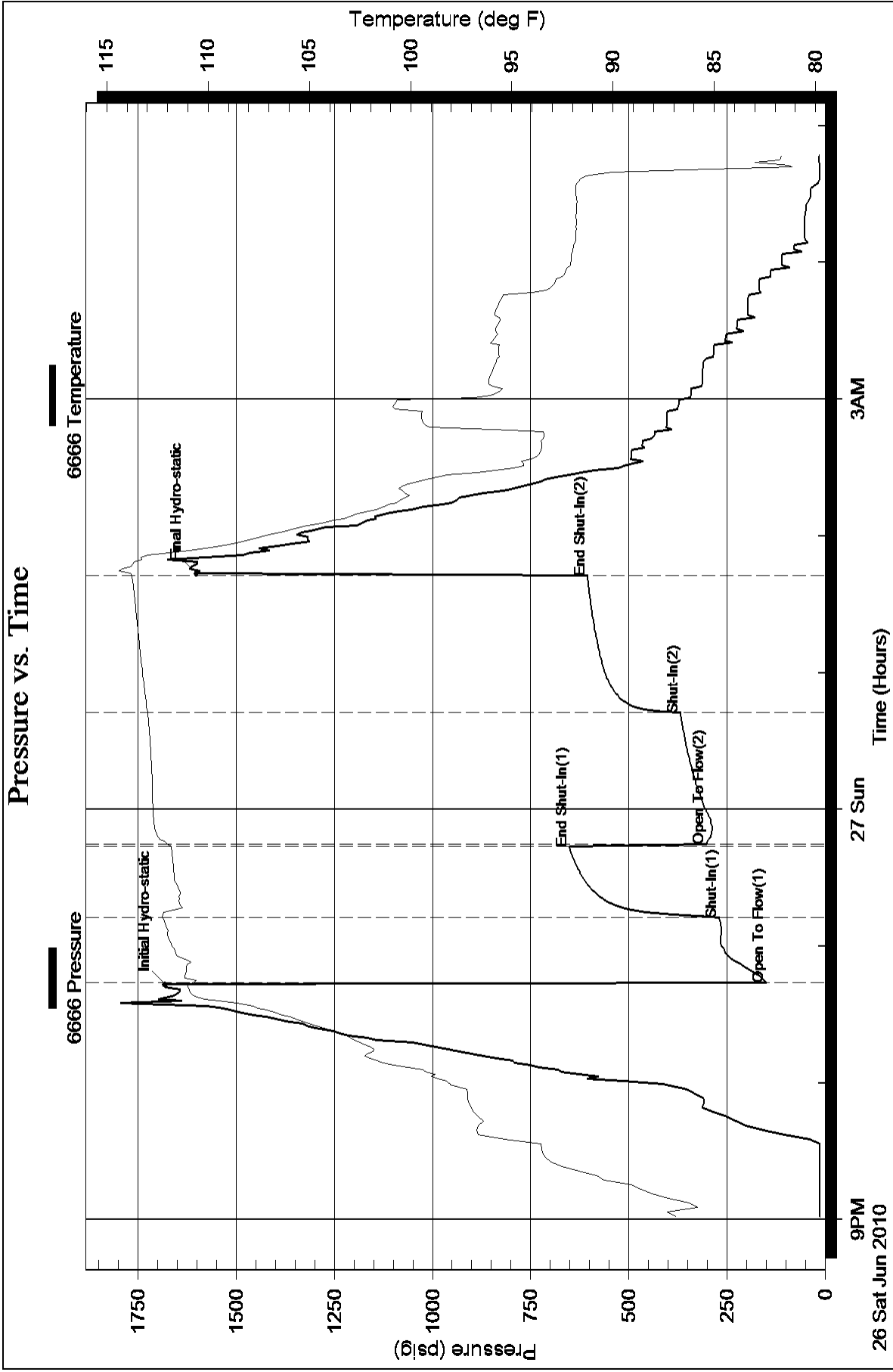
Num Gas Bombs: 0

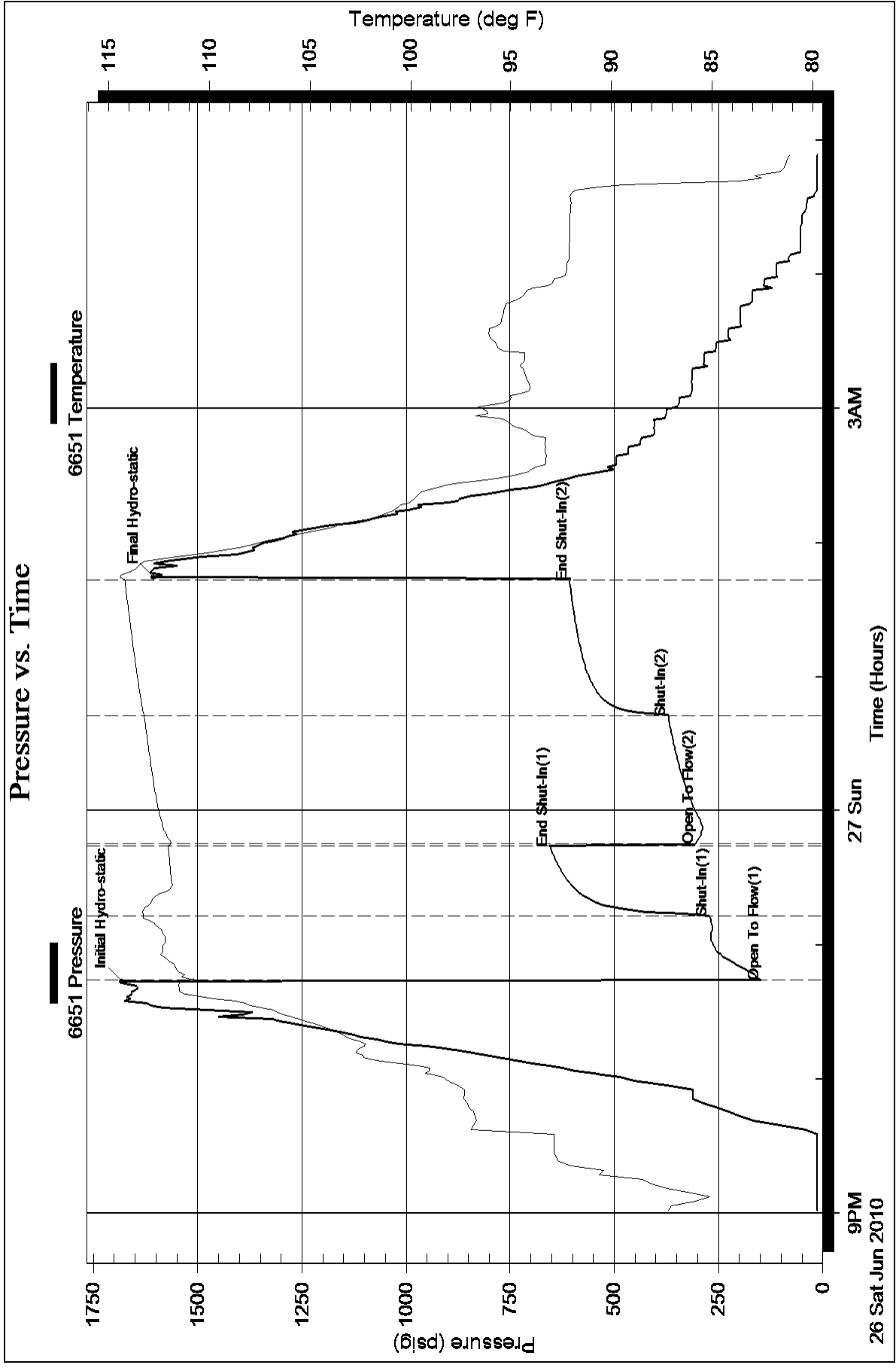
Serial #:

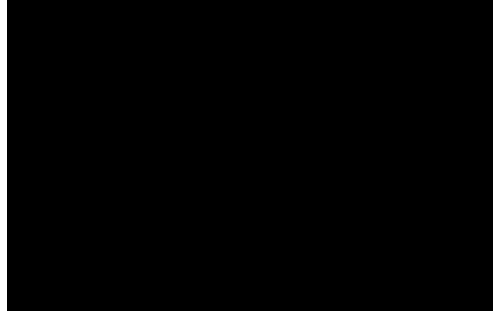
Laboratory Name:

Laboratory Location:

Recovery Comments: GRAVITY OF OIL 34







DRILL STEM TEST REPORT

Prepared For: **L.B EXPLORATION INC**

2135 2ND RD
HOLYROOD KS 67450

ATTN: JOSH AUSTIN

36-18S-15W-BARTON

HISS #2

Start Date: 2010.06.27 @ 13:00:00

End Date: 2010.06.27 @ 19:15:00

Job Ticket #: 1103 DST #: 3

Eagle Testers LLC.

P.O.Box 1011, Great Bend, KS 67530

620-617-7548

Printed: 2010.06.27 @ 13:21:31

L.B EXPLORATION INC
HISS #2
36-18S-15W-BARTON
DST # 3
ARBUCKLE
2010.06.27



DRILL STEM TEST REPORT

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:00

Time Test Ended: 19:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 21 MGB

Interval: **3451.00 ft (KB) To 3504.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3504.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6666

Press @ RunDepth: 102.91 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.27

End Date:

2010.06.27

Last Calib.:

2010.06.27

Start Time: 13:00:00

End Time:

19:15:00

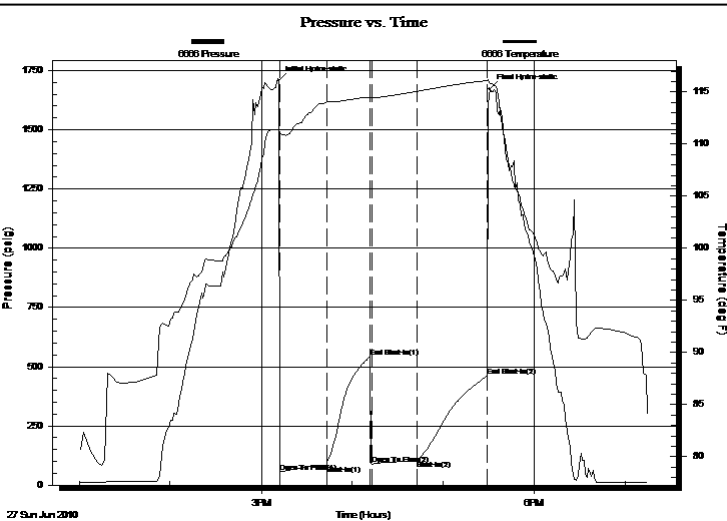
Time On Btm:

2010.06.27 @ 15:11:30

Time Off Btm:

2010.06.27 @ 17:30:30

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 10 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING WEAK BUILDING BLOW BUILT O 5 INCHES INTO WATER
45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.75	111.38	Initial Hydro-static
1	52.82	111.11	Open To Flow (1)
32	85.53	114.06	Shut-In(1)
60	540.88	114.51	End Shut-In(1)
62	89.45	114.42	Open To Flow (2)
92	102.91	115.05	Shut-In(2)
138	461.24	116.11	End Shut-In(2)
139	1673.26	115.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	OIL CUT MUD 40%O60%M	0.64

Gas Rates

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



DRILL STEM TEST REPORT

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:00

Time Test Ended: 19:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 21 MGB

Interval: **3451.00 ft (KB) To 3504.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3504.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6651

Press @ RunDepth: 462.97 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.06.27 End Date: 2010.06.27

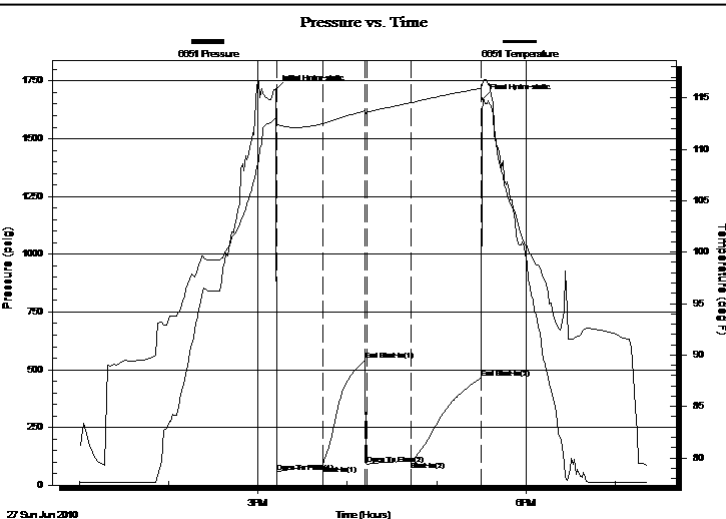
Last Calib.: 2010.06.27

Start Time: 13:00:00 End Time: 19:21:30

Time On Btm: 2010.06.27 @ 15:12:00

Time Off Btm: 2010.06.27 @ 17:31:00

TEST COMMENT: 30-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 10 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING WEAK BUILDING BLOW BUILT O 5 INCHES INTO WATER
45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.42	112.95	Initial Hydro-static
1	54.55	112.37	Open To Flow (1)
32	87.32	112.49	Shut-In(1)
60	542.79	113.73	End Shut-In(1)
61	91.44	113.63	Open To Flow (2)
91	104.39	114.53	Shut-In(2)
138	462.97	115.89	End Shut-In(2)
139	1673.15	116.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	OIL CUT MUD 40%O60%M	0.64

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

ATTN: JOSH AUSTIN

Job Ticket: 1103

DST#: 3

Test Start: 2010.06.27 @ 13:00:00

Tool Information

Drill Pipe:	Length: 2896.00 ft	Diameter: 3.88 inches	Volume: 42.35 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: 20000.00 lb
Drill Collar:	Length: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 45.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	0.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	3451.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHUT IN TOOL	5.00			3441.00	
HYD S.I. Tool	5.00			3446.00	
TRAVEL COLER	2.00			3448.00	
Packer	3.00			3451.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			3453.00	
PACKER	3.00			3456.00	
CH OVER SUB	0.75			3456.75	
DRILL PIPE	31.50			3488.25	
CH OVER SUB	0.75			3489.00	
Anchor	10.00			3499.00	
REC	1.00			3500.00	
REC	1.00			3501.00	
BULL PLUG	3.00			3504.00	53.00 Anchor Tool

Total Tool Length: 68.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L.B EXPLORATION INC

HISS #2

2135 2ND RD
HOLYROOD KS 67450

36-18S-15W-BARTON

Job Ticket: 1103

DST#: 3

ATTN: JOSH AUSTIN

Test Start: 2010.06.27 @ 13:00:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	OIL CUT MUD 40%O60%M	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

