KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1082269

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 # 31434
Name: L & J Oil Properties, Inc.
Address 1: 1700 N WATERFRONT PKWY
Address 2: BLDG 300, STE B
City: WICHITA State: KS Zip: 67206 + __ __ __ __
Contact Person: Douglas H. McGinness II
Phone: (316) 687-4873
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Ken LeBlanc
Purchaser: Coffeyville Resources

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

03/20/2011	03/26/2011	5/3/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21689-00-00
Spot Description:
__ - S2 - S2 - NE Sec. 31 Twp. 27 S. R. 16 [ ] East [x] West
2970 Feet from [ ] North / [x] South Line of Section
1320 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Kiowa
Lease Name: ROSS Well #: 1-31
Field Name: Fruit
Producing Formation: Kinderhook
Elevation: Ground: 2131 Kelly Bushing: 2141
Total Depth: 4766 Plug Back Total Depth: 4742
Amount of Surface Pipe Set and Cemented at: 468 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 1000 ppm Fluid volume: 500 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bemco
Lease Name: Mac SWD License #: 32613
Quarter NW Sec. 7 Twp. 32 S. R. 11 [ ] East [x] West
County: Barber Permit #: CD-78217

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:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrisor Date: 05/25/2012

Side Two

1082269

Operator Name: L & J Oil Properties, Inc. Lease Name: ROSS Well #: 1-31

Sec. 31 Twp. 27 S. R. 16 ☐ East ☑ West County: Kiowa

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Cement Bond Log
Dual Induction
CDNL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Tarkio	3363	1232
Stark Shale	4354	2223
Kinderhook Sand	4638	2507
Kinderhook	4649	2518
Viola	4692	2561
RTD	4766	2635

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	468	60/40 Poz	450	2% gel, 3% cc
Production	7.875	4.5	10.5	4763.42	ASC	100	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	4650-4658	1000 gal HCL acid	
		19488 gals ProFac LC 2500 w/	
		14,000 lbs 16/30 sand	

TUBING RECORD: Size: 2.375 Set At: 4781 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 4/10/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	15	2		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☑ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

4/10

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041571

Well Name & No. Ross #1-31 Test No. 1 Date 3-25-11

Company Amarillo Exploration INC. Elevation 2131 KB 2121 GL

Address PO Box 601539 Dallas TX. 75360

Co. Rep / Geo. Ken LeBlanc Rig VAL #1

Location: Sec. 31 Twp. 27S Rge. 16W Co. Kiowa State Ks.

Interval Tested 4615-4694 Zone Tested Kinderhook Sand

Anchor Length 79' Drill Pipe Run 4607 Mud Wt. 9.3

Top Packer Depth 4610 Drill Collars Run 0 Vis 49

Bottom Packer Depth 4615 Wt. Pipe Run 0 WL 8.8

Total Depth 4694 Chlorides 4000 ppm System LCM 0

Blow Description IF:

TS: Misrun

FF:

FS:

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	Feet of	%gas	%oil	%water	%mud

Rec Total BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2355	☑ Test	T-On Location 14:40	
(B) First Initial Flow	☑ Jars	T-Started 16:04	
(C) First Final Flow	☑ Safety Joint	T-Open 19:00	
(D) Initial Shut-In	☐ Circ Sub	T-Pulled 19:25	
(E) Second Initial Flow	☐ Hourly Standby	T-Out 21:53	
(F) Second Final Flow	☑ Mileage 196RT	Comments	
(G) Final Shut-In	☐ Sampler		
(H) Final Hydrostatic 2301	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In	☐ Extra Recorder	Sub Total	
Final Flow	☐ Day Standby	Total	
Final Shut-In	☐ Accessibility	MP/DST Disc't	
	Sub Total		

Approved By Our Representative Andy Cox

DST 1) 4615 - 4694

Kinderhook Sand

Times: XX-XX-XX-XX

1st open: PACKER FAILURE

Rec: MUD

Alpine Recorders
(electronic)

IHYD:	2355	psi
IFP:	XX-XX	psi
IBHP:	XXXX	psi
FFP:	XX-XX	psi
FBHP:	XXXX	psi
FHYD:	2301	psi

TEMP: XXX degrees F

Tester: Andy Carreria: Trilobite Testing L.L.C., Hays KS Disctrict

Note: conventional DST (dual packers, safety joint, electronic recorders, circulating sub)
NO bottom sampler or jars

DRILL STEM TEST REPORT

Amarillo Exploration inc.

PO Box 601539
Dallas Tx. 75360

ATTN: Ken LeBlanc

Ross #1-31

31-27s-16w Kiowa

Job Ticket: 041571 **DST#: 1**

Test Start: 2011.03.25 @ 16:04:05

GENERAL INFORMATION:

Formation: **Kinderhook Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 21:52:59

Test Type: Conventional Bottom Hole
Tester: Andy Carreira
Unit No: 39

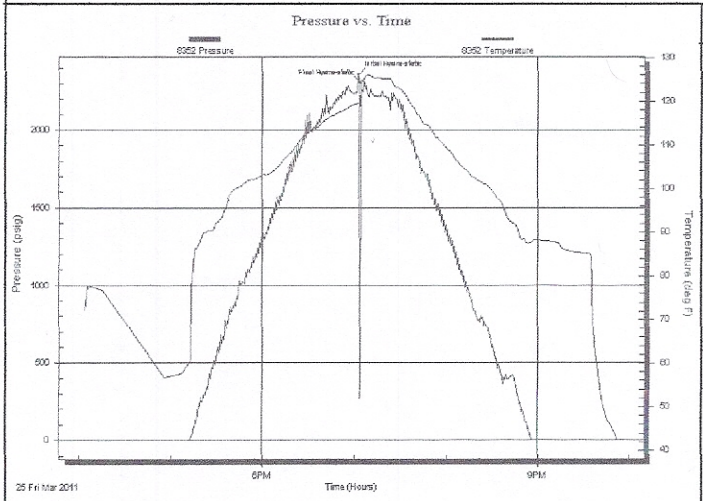
Interval: 4615.00 ft (KB) To 4694.00 ft (KB) (TVD)
Total Depth: 4694.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2131.00 ft (KB)
2121.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8352 **Outside**
Press@RunDepth: psig @ 4618.00 ft (KB)
Start Date: 2011.03.25 End Date: 2011.03.25
Start Time: 16:04:05 End Time: 21:52:59

Capacity: 8000.00 psig
Last Calib.: 2011.03.25
Time On Btm: 2011.03.25 @ 19:02:30
Time Off Btm: 2011.03.25 @ 19:04:20

TEST COMMENT: Misrun... Packer Failure



PRESSURE SUMMARY

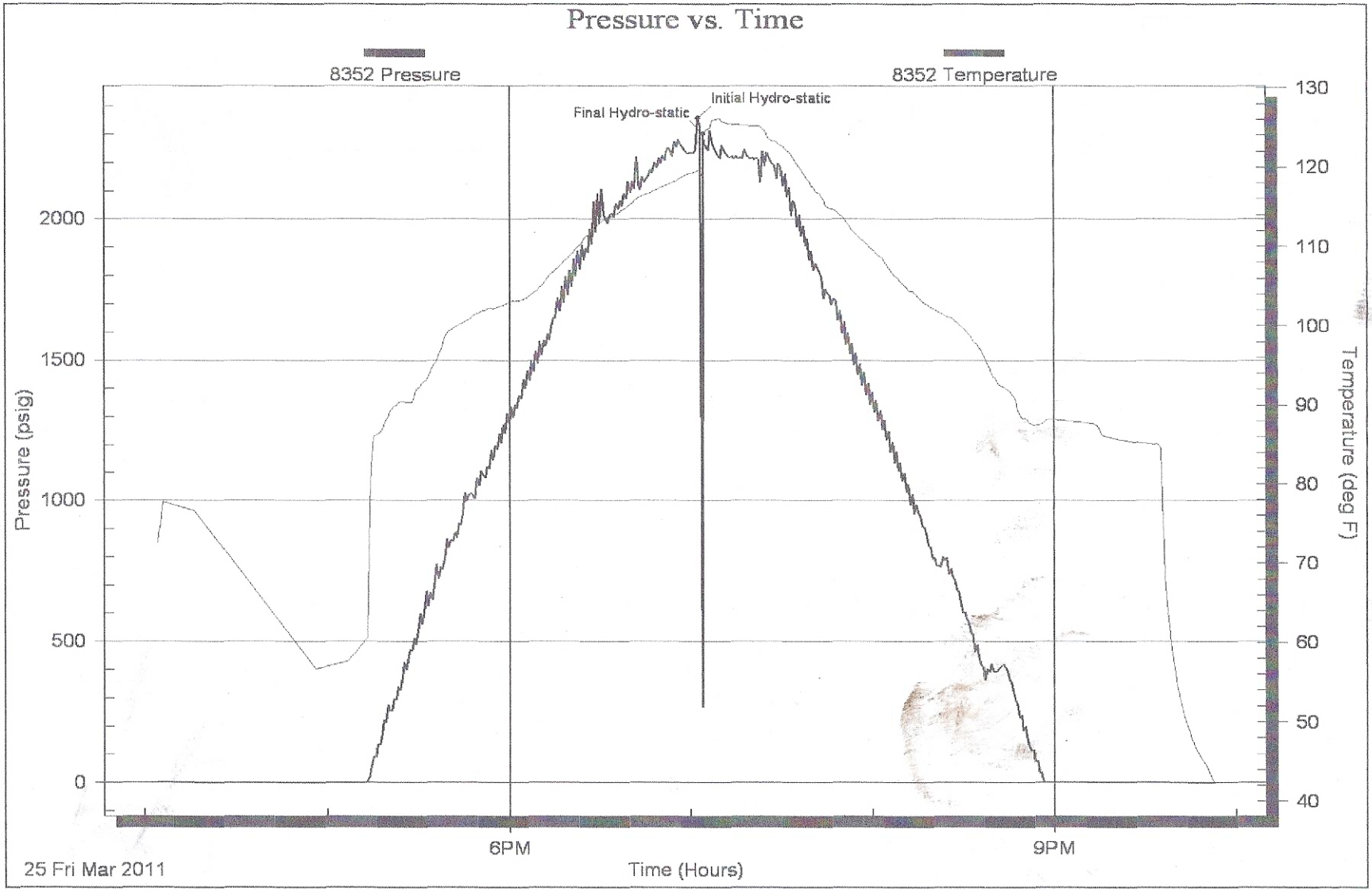
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2355.50	119.54	Initial Hydro-static
2	2301.47	123.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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


Pressure vs. Time
8352 Pressure
8352 Temperature
Initial Hydro-static
Final Hydro-static
2000
1500
1000
500
0
Pressure (psig)
130
120
110
100
90
80
70
60
50
40
Temperature (deg F)
6PM
9PM
25 Fri Mar 2011
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

4/10

Test Ticket

NO. 041572

Well Name & No. Ross #1-31 Test No. 2 Date 3-25-11

Company Amarillo Exploration in Elevation 2131 KB 2121 GL

Address PO Box 601539 Dallas TX 75360

Co. Rep / Geo. Ken LeBlanc Rig Val #1

Location: Sec. 31 Twp. 27S Rge. 16W Co. Kiowa State Ks

Interval Tested 4470-4694 Zone Tested Kinderhook Sand

Anchor Length 224' Drill Pipe Run 4445 Mud Wt. 9.3

Top Packer Depth 4465 Drill Collars Run 0 Vis 49

Bottom Packer Depth 4470 Wt. Pipe Run 0 WL 8.8

Total Depth 4694 Chlorides 4000 ppm System LCM 0

Blow Description IF: Built to 8 inches

IS: No Return

FF: BOB, 56 min.

FS: No Return

Rec 40	Feet of Mud w/ slight oil specks in Too!	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 124 Gravity ____ API RW ____ @ ____ °F Chlorides ____ ppm

(A) Initial Hydrostatic 2237	☑ Test	T-On Location 1440
(B) First Initial Flow 30	☑ Jars	T-Started ~~0105~~ 2224
(C) First Final Flow 36	☑ Safety Joint	T-Open 0105
(D) Initial Shut-In 133	☐ Circ Sub	T-Pulled 0550
(E) Second Initial Flow 33	☐ Hourly Standby	T-Out 0850
(F) Second Final Flow 38	☑ Mileage 196RT	Comments
(G) Final Shut-In 259	☐ Sampler	
(H) Final Hydrostatic 2171	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 45	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 60	☐ Extra Recorder	Sub Total
Final Flow 60	☐ Day Standby	Total
Final Shut-In 120	☐ Accessibility	MP/DST Disc't
	Sub Total	

Approved By Ken LeBlanc 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.

DST 2) 4470 - 4694

Kinderhook Sand

Times: 30-60-60-120

1st open: weak blow to 8 inches in bucket - NO Gas to Surface
(NO blowback)

2nd open: weak blow to OBOB in 56 minutes - NO Gas to Surface
(NO blowback)

Rec: NO Gas in Pipe

40' Drilling Mud with specks oil in tool
(100% mud)

40' Total Fluid - ALL IN DRILL PIPE

Alpine Recorders
(electronic)

IHYD:	2237	psi
IFP:	30-36	psi
IBHP:	133	psi
FFP:	33-38	psi
FBHP:	259	psi
FHYD:	2171	psi

TEMP: 124 degrees F

Tester: Andy Carreira: Trilobite Testing L.L.C., Hays KS Disctrict

Note: conventional DST (dual packers, safety joint, electronic recorders, circulating sub)
NO bottom sampler or jars

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Amarillo Exploration inc.

PO Box 601539
Dallas Tx. 75360

ATTN: Ken LeBlanc

Ross #1-31

31-27s-16w Kiowa

Job Ticket: 041572 **DST#: 2**

Test Start: 2011.03.25 @ 22:24:05

GENERAL INFORMATION:

Formation: **Kinderhook Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:50
Time Test Ended: 08:49:50

Test Type: Conventional Bottom Hole
Tester: Andy Carreira
Unit No: 39

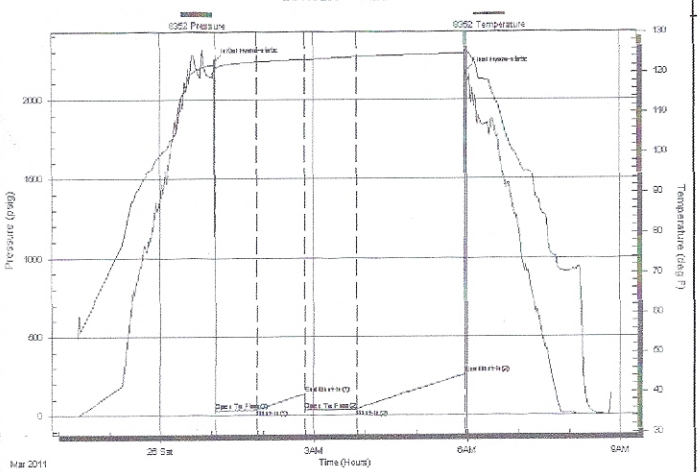
Interval: 4470.00 ft (KB) To 4694.00 ft (KB) (TVD)
Total Depth: 4694.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2131.00 ft (KB)
2121.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8352 Outside
Press@RunDepth: 38.95 psig @ 4476.00 ft (KB)
Start Date: 2011.03.25 End Date: 2011.03.26
Start Time: 22:24:05 End Time: 08:49:50

Capacity: 8000.00 psig
Last Calib.: 2011.03.26
Time On Btm: 2011.03.26 @ 01:04:00
Time Off Btm: 2011.03.26 @ 05:58:59

TEST COMMENT: IF: Built to 8 inches
IS: No Return
FF:BOB, 56 min.
FS: No Return



PRESSURE SUMMARY

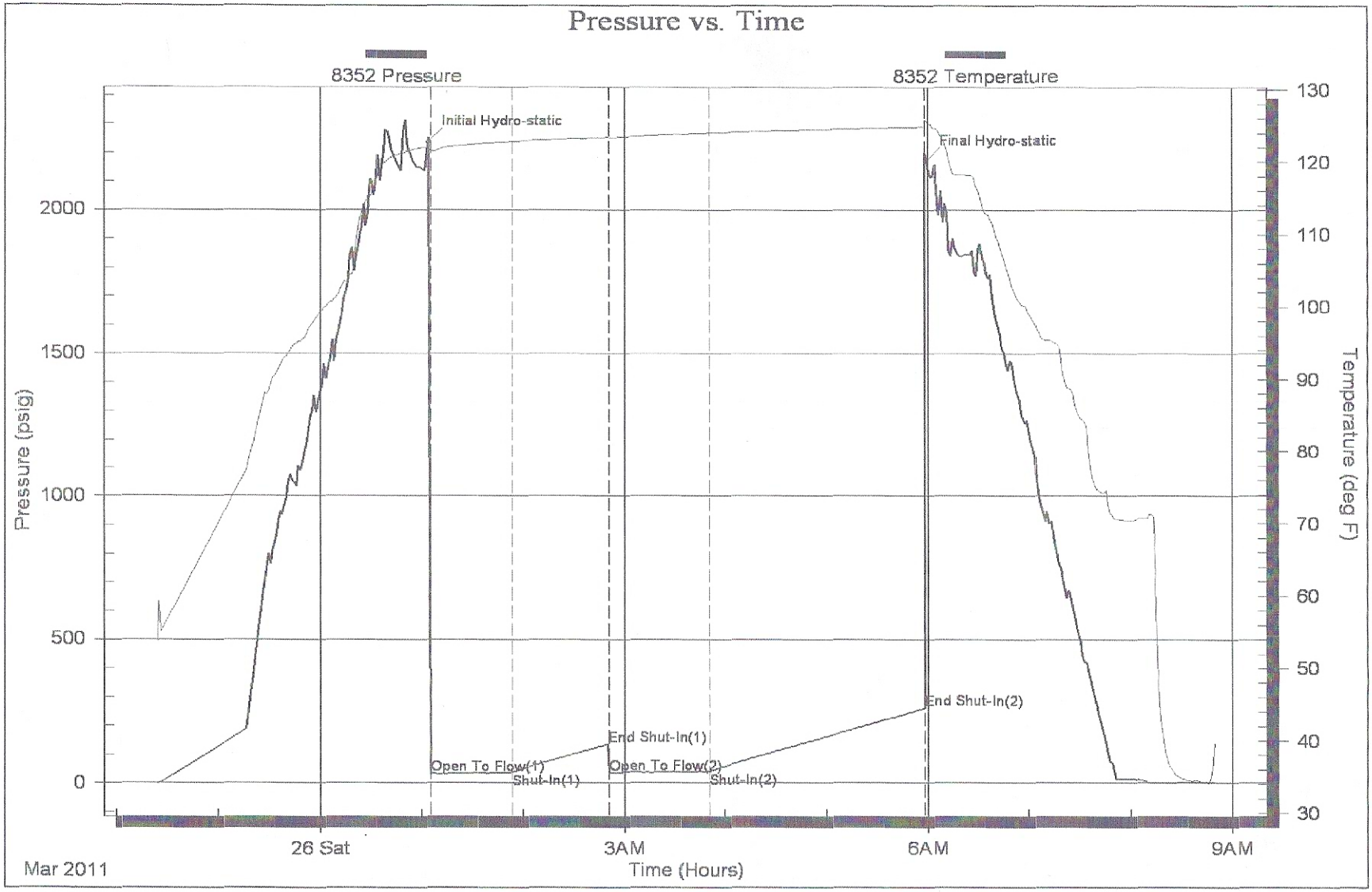
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.55	122.09	Initial Hydro-static
1	30.88	121.48	Open To Flow (1)
50	36.97	122.81	Shut-In(1)
107	133.02	123.40	End Shut-In(1)
107	33.84	123.35	Open To Flow (2)
167	38.95	124.02	Shut-In(2)
294	259.78	124.85	End Shut-In(2)
295	2171.47	125.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w / slight oil specks in tool	0.56

Gas Rates

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


Pressure vs. Time
8352 Pressure
8352 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
40
30
26 Sat
3AM
6AM
9AM
Mar 2011
Time (Hours)

Amarillo Exploration, Inc.
One Energy Square
4925 Greenville Ave.
Suite 660
Dallas, TX 75206

Ross #1-31
2970 FSL & 1320 FEL Sec. 31-27S-16W
Kiowa County, Kansas

API # 15-097-20689-0000

WELL DATA:
RTD: 4770'
LTD: 4766'
ZERO: 2131 KB (10' AGL)
COND: 0'
S.CSG: 468' 8-5/8"
LOGS: Superior .DI, CDN,Micro,Sonic

COMPLETION DATA:
PBTD: 4742 '
P.CSG: 4-1/2" 10.5# J-55, 113 jts.
DV None
PERFS:
TBG:
RODS:

CEMENT PRODUCTION CASING

3-27-11
Run 113 Jts. of new 4-1/2",10.5, J-55,, LT&C, range 3 casing as follows top to bottom:

KB to top of csg.	15.00'	
112 Jts new 4-1/2"	4725.89'	
1- ICF	0.00'	PBTD = 4742'
1-Shoe Jt. 5-1/2"	21.53'	
Guide Shoe	1.00'	
Total	4763.42'	6' off TD

Centralizers: 4742',4703',4616',4574',4489',4405'
Basket 4615'
Circulate .25 hrs at 2,200, .5 hrs at TD rotate casing.
Allied Cement with 100 sx. ASC, 500 gal. mud flush ahead. Mix at 14.8 , pump at 5 BPM. Good circulation. Rotated casing. Lifting pressure 500 psi. Displace with 76 bbls. fw. Plug down at 7:50 pm 3-27-11 with 1000 psi. Plug held. Plug rat and mouse hole w/ 50 sx. Seat slips. Release rig at 8:40 PM.