

1-23-09

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5135
 Name: John O. Farmer, Inc. **KCC**
 Address: P.O. Box 352
 City/State/Zip: Russell, KS 67665 **JAN 23 2007**
 Purchaser: NCRA **CONFIDENTIAL**
 Operator Contact Person: Marge Schulte
 Phone: (785) 483-3144
 Contractor: Name: Discovery Drilling Company, Inc.
 License: 31548
 Wellsite Geologist: Brad Hutchison
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

9-26-06	9-30-06	10-13-06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

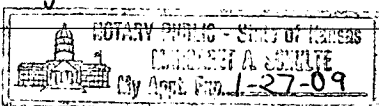
API No. 15 - 167-23,378-00-00
 County: Russell
130° E - 60° W - C - N/2 Sec. 27 Twp. 12 S. R. 15 East West
1450 feet from S / (N) (circle one) Line of Section
2700 feet from (E) / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Mudd Well #: 1
 Field Name: Elsasser SW
 Producing Formation: Arbuckle
 Elevation: Ground: 1841' Kelly Bushing: 1849'
 Total Depth: 3360' Plug Back Total Depth: 3334'
 Amount of Surface Pipe Set and Cemented at 522' set @ 532 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 AHJLH 9-16 08
 (Data must be collected from the Reserve Pit)
 Chloride content 18,000 ppm Fluid volume 300 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: John O. Farmer III
 Title: President Date: 1-23-07
 Subscribed and sworn to before me this 23rd day of January,
20 07.
 Notary Public: Margaret A. Schulte
 Date Commission Expires: _____



KCC Office Use ONLY

Y Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
JAN 24 2007
KCC WICHITA

Operator Name: John O. Farmer, Inc. Lease Name: Mudd Well #: 1
 Sec. 27 Twp. 12 S. R. 15 East West County: Russell

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 copy of all Electric Wireline 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log, Dual Receiver Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>916'</td> <td>(+933)</td> </tr> <tr> <td>Topeka</td> <td>2748'</td> <td>(-899)</td> </tr> <tr> <td>Heebner</td> <td>2968'</td> <td>(-1119)</td> </tr> <tr> <td>Toronto</td> <td>2986'</td> <td>(-1137)</td> </tr> <tr> <td>Lansing</td> <td>3020'</td> <td>(-1171)</td> </tr> <tr> <td>Base/KC</td> <td>3264'</td> <td>(-1415)</td> </tr> <tr> <td>Arbuckle</td> <td>3284'</td> <td>(-1435)</td> </tr> <tr> <td>L.T.D.</td> <td>3362'</td> <td>(-1513)</td> </tr> </table>	Name	Top	Datum	Anhydrite	916'	(+933)	Topeka	2748'	(-899)	Heebner	2968'	(-1119)	Toronto	2986'	(-1137)	Lansing	3020'	(-1171)	Base/KC	3264'	(-1415)	Arbuckle	3284'	(-1435)	L.T.D.	3362'	(-1513)
Name	Top	Datum																										
Anhydrite	916'	(+933)																										
Topeka	2748'	(-899)																										
Heebner	2968'	(-1119)																										
Toronto	2986'	(-1137)																										
Lansing	3020'	(-1171)																										
Base/KC	3264'	(-1415)																										
Arbuckle	3284'	(-1435)																										
L.T.D.	3362'	(-1513)																										

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	12-1/4"	8-5/8"	23#	532'	Common	250	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	3356'	Common	150	10% salt &
							500 gals. WFR-2

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4 SPF	3289-96' (Arbuckle)	None - completed natural	

TUBING RECORD		Size <u>2-7/8"</u>	Set At <u>3330'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>October 20, 2006</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>44.00</u>	Gas Mcf	Water Bbls. <u>1.00</u>	Gas-Oil Ratio	Gravity <u>25.5°</u>

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 3289-96' (Arbuckle)

(If vented, Submit ACO-18.)

ALLIED CEMENTING CO., INC. 21366

Feuer

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

SERVICE POINT:

Russell

DATE <u>9-27</u>	SEC. <u>27</u>	TWP. <u>12</u>	RANGE <u>15</u>	CALLED OUT <u>9:28 10:40 PM</u>	ON LOCATION <u>12:30 AM</u>	JOB START <u>3:40</u>	JOB FINISH <u>4:00 AM</u>
LEASE <u>Mud</u>	WELL # <u>1</u>	LOCATION <u>Burton 1E 6N 1E 2N SE</u>			COUNTY <u>Russell</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Windo</u>			

CONTRACTOR Discovery Drilling Rig 2 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. 534

CASING SIZE 8 7/8 23 1/2 DEPTH 532

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 33 Bbl

EQUIPMENT _____

PUMP TRUCK CEMENTER Steve

409 HELPER Craig

BULK TRUCK _____

378 DRIVER Robert

BULK TRUCK _____

_____ DRIVER _____

CEMENT AMOUNT ORDERED 250 Gm 36cc 26bl

COMMON	<u>250</u>	@	<u>1065</u>	<u>2662 50</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>1665</u>	<u>8325</u>
CHLORIDE	<u>8</u>	@	<u>4660</u>	<u>37280</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>2.63</u>	@	<u>190</u>	<u>49970</u>
MILEAGE	<u>9 1/2 SK / mile</u>			<u>355 00</u>
TOTAL				<u>3973 30</u>

REMARKS:

Cement did Circulate

Thank You

CHARGE TO: J.O. Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____			
PUMP TRUCK CHARGE _____			<u>815 00</u>
EXTRA FOOTAGE _____	@		
MILEAGE <u>15</u> _____	@	<u>6 00</u>	<u>90 00</u>
MANIFOLD _____	@		
	@		
TOTAL <u>905 00</u>			

PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
TOTAL _____			

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Derby Reever

TAX _____

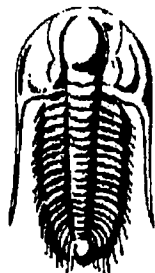
TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Derby Reever
PRINTED NAME

KCC
JAN 23 2007
CONFIDENTIAL

RECEIVED
JAN 24 2007
KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

ATTN: Brad Hutchison

27 12 15 Russell KS

Mudd #1

Start Date: 2006.10.01 @ 04:53:33

End Date: 2006.10.01 @ 12:14:33

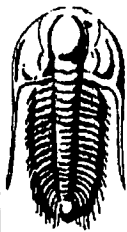
Job Ticket #: 26869 DST #: 1

KCC
JAN 23 2007
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer

Mudd #1

27 12 15 Russell KS

Job Ticket: 26869

DST#: 1

ATTN: Brad Hutchison

Test Start: 2006.10.01 @ 04:53:33

GENERAL INFORMATION:

Formation: Arb

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:52:33

Time Test Ended: 12:14:33

Test Type: Conventional Straddle

Tester: Michael Armbrister

Unit No: 24

Interval: 3287.00 ft (KB) To 3310.00 ft (KB) (TVD)

Reference Elevations: 1843.00 ft (KB)

Total Depth: 3362.00 ft (KB) (TVD)

1835.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6769

Inside

Press@RunDepth: 775.46 psig @ 3288.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.10.01

End Date: 2006.10.01

Last Calib.: 2006.10.01

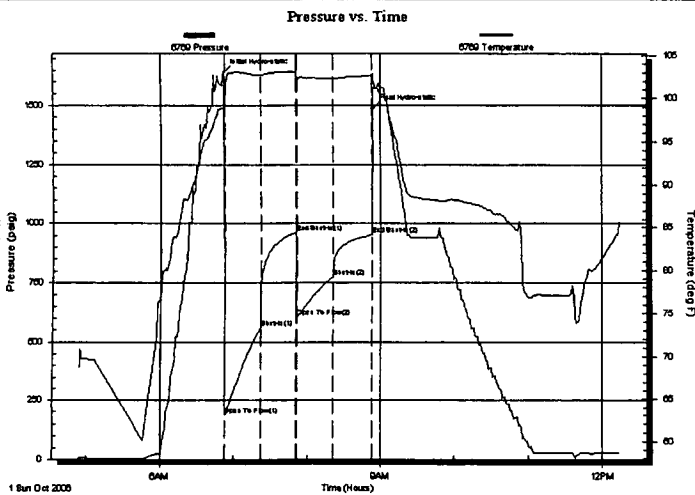
Start Time: 04:53:35

End Time: 12:14:33

Time On Btm: 2006.10.01 @ 06:52:03

Time Off Btm: 2006.10.01 @ 08:53:48

TEST COMMENT: IF B of B 1 m
ISI Weak surface blow back
FF B of B 1 m
FSI No blow



PRESSURE SUMMARY

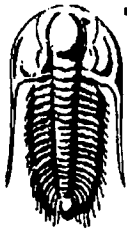
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.36	98.93	Initial Hydro-static
1	185.35	99.16	Open To Flow (1)
30	557.19	102.78	Shut-In(1)
59	962.95	103.16	End Shut-In(1)
60	605.73	102.41	Open To Flow (2)
90	775.46	102.36	Shut-In(2)
122	952.14	102.66	End Shut-In(2)
122	1485.53	102.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Mud cut Oil 10%M 90% O	1.40
1800.00	Clean gassy Oil 5%G 95%O	25.25

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

Mudd #1

27 12 15 Russell KS

Job Ticket: 26869

DST#: 1

ATTN: Brad Hutchison

Test Start: 2006.10.01 @ 04:53:33

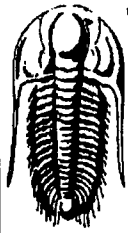
Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	46.11 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3287.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3310.02 ft			
Interval between Packers:	23.02 ft			
Tool Length:	98.03 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3272.00	
Hydraulic tool	5.00			3277.00	
Packer	5.00			3282.00	20.00 Bottom Of Top Packer
Packer	5.00			3287.00	
Stubb	1.00			3288.00	
Recorder	0.01	6769	Inside	3288.01	
Perforations	16.00			3304.01	
Recorder	0.01	13548	Outside	3304.02	
Blank Off Sub	1.00			3305.02	
Blank Spacing	5.00			3310.02	23.02 Tool Interval
Packer	5.00			3315.02	
Perforations	14.00			3329.02	
Change Over Sub	1.00			3330.02	
Blank Spacing	31.00			3361.02	
Change Over Sub	1.00			3362.02	
Recorder	0.01	13760	Below	3362.03	
Bullnose	3.00			3365.03	55.01 Bottom Packers & Anchor
Total Tool Length:	98.03				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

Mudd #1

27 12 15 Russell KS

Job Ticket: 26869

DST#: 1

ATTN: Brad Hutchison

Test Start: 2006.10.01 @ 04:53:33

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Mud cut Oil 10%M 90% O	1.403
1800.00	Clean gassy Oil 5%G 95%O	25.249

Total Length: 1900.00 ft Total Volume: 26.652 bbl

Num Fluid Samples: 0

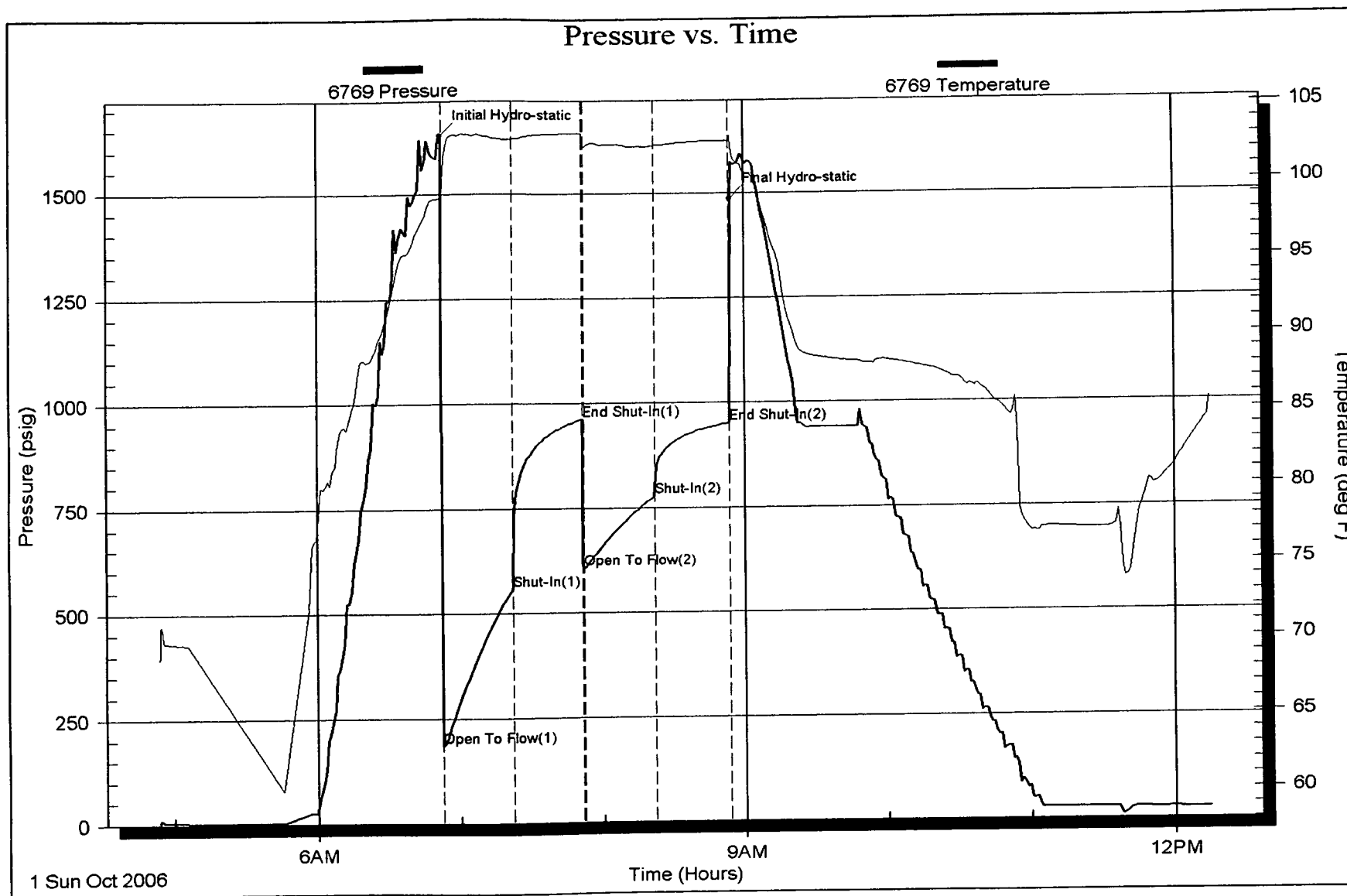
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



1-23-09

JOHN O. FARMER, INC.

OIL PRODUCERS AND OPERATORS

370 West Wichita Avenue
P.O. Box 352
Russell, KS 67665

785-483-3144
(FAX) 785-483-6020

January 23, 2007

KCC
JAN 23 2007
CONFIDENTIAL

Kansas Corporation Commission
Conservation Division
130 South Market, Room 2078
Wichita, KS 67202

Re: REQUEST FOR CONFIDENTIALITY
John O. Farmer, Inc. #1 Mudd
API# 15-167-23,378-00-00
1450' FNL & 2700' FEL
(130' South & 60' West of C N/2)
Sec. 27-12S-15W
Russell County, Kansas

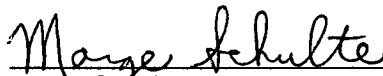
Gentlemen:

We would like to request that information listed on side two of the enclosed ACO-I and related material (E-logs, etc.) for our Mudd #1 be held confidential for two years.

It is our understanding we can make a two-year confidentiality request from date of submittal rather than just a 12 month request.

Very truly yours,

JOHN O. FARMER, INC.


Marge Schulte

ms

Enclosures

RECEIVED
JAN 24 2007
KCC WICHITA