

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259  
Name: Mai Oil Operations, Inc.  
Address 1: P.O. Box 33  
Address 2: \_\_\_\_\_  
City: Russell State: Ks. Zip: 67665 + \_\_\_\_\_

Contact Person: Allen Bangert  
Phone: ( 785 ) 483-2169

CONTRACTOR: License # 33350  
Name: Southwind Drilling, Inc.

Wellsite Geologist: Kitt Noah  
Purchaser: N/A

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
 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. \_\_\_\_\_ Conv. to SWD

\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_

9-09-08 9-17-08 9-17-08

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-25259-0000

Spot Description: 110' North & 70' West

C E/2 W/2 SE Sec. 26 Twp. 18 S. R. 15  East  West

1430 Feet from  North /  South Line of Section

1720 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Barton

Lease Name: Bahr Well #: 1A

Field Name: Wildcat

Producing Formation: N/A

Elevation: Ground: 1906' Kelly Bushing: 1914'

Total Depth: 3551' Plug Back Total Depth: 3551'

Amount of Surface Pipe Set and Cemented at: 876' 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 P+A Alt I NCR  
*(Data must be collected from the Reserve Pit)* 1-28-09

Chloride content: 72000 ppm Fluid volume: 900 bbls

Dewatering method used: Let Dry

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: Allen Bangert

Title: Prod. Supt. Date: 12-30-08

Subscribed and sworn to before me this 8 day of January

20 09  
Notary Public: Lori Crathorne

Date Commission Expires: 7-7-2010

NOTARY PUBLIC - State of Kansas  
**LORI CRATHORNE**  
My Appt. Expires 7-7-2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Mai Oil Operations, Inc. Lease Name: Bahr Well #: 1A  
 Sec. 26 Twp. 18 S. R. 15  East  West County: Barton

**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 type="checkbox"/> Yes <input checked="" 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: <b>CNFD, DIL, Sonic, Micro</b>	<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>868'</td> <td>+1046</td> </tr> <tr> <td>Base Anhydrite</td> <td>896'</td> <td>+1018</td> </tr> <tr> <td>Topeka</td> <td>2862'</td> <td>-948</td> </tr> <tr> <td>Heebner</td> <td>3104'</td> <td>-1190</td> </tr> <tr> <td>Toronto</td> <td>3116'</td> <td>-1202</td> </tr> <tr> <td>Lansing</td> <td>3184'</td> <td>-1270</td> </tr> <tr> <td>Reagan Sand</td> <td>3451'</td> <td>-1537</td> </tr> </table>	Name	Top	Datum	Anhydrite	868'	+1046	Base Anhydrite	896'	+1018	Topeka	2862'	-948	Heebner	3104'	-1190	Toronto	3116'	-1202	Lansing	3184'	-1270	Reagan Sand	3451'	-1537
Name	Top	Datum																							
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Lansing	3184'	-1270																							
Reagan Sand	3451'	-1537																							

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"	25#	876	Common	400	2% gel, 3% CC

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

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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 (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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



# ALLIED CEMENTING CO., LLC. 32202

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

SERVICE POINT:

*Russell*

DATE <b>9-17-08</b>	SEC <b>26</b>	TWP <b>18</b>	RANGE <b>15</b>	CALLED OUT	ON LOCATION	JOB START <b>2:30 PM</b>	JOB FINISH <b>3:30 PM</b>
LEASE <b>BAHR</b>	WELL# <b>1-A</b>	LOCATION <b>OLmitz <sup>KS.</sup> 1 1/2 S W</b>			COUNTY <b>BARTON</b>	STATE <b>KANSAS</b>	
OLD OR NEW (Circle one) <b>NEW</b>				<b>1 1/2 S. 1/2 E + S INTO</b>			

CONTRACTOR **SOUTHWIND DRILL RIG #3**

TYPE OF JOB **Rotary Plug**

HOLE SIZE **7 7/8** T.D. **3551**

CASING SIZE **8 5/8 SURFACE** DEPTH **876**

TUBING SIZE DEPTH

DRILL PIPE **4 1/2 X-H** DEPTH @

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED **1100 SK 60/40 4% GEL**  
**1/4 # FLO-SEAL PER SK**

COMMON	<b>96</b>	@	<b>13.50</b>	<b>1296.00</b>
POZMIX	<b>64</b>	@	<b>7.55</b>	<b>483.20</b>
GEL	<b>5</b>	@	<b>20.25</b>	<b>101.25</b>
CHLORIDE		@		
ASC		@		
<b>Flo Seal 40 #</b>		@	<b>2.45</b>	<b>98.00</b>

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HANDLING	<b>165</b>	@	<b>2.25</b>	<b>371.25</b>
MILEAGE	<b>10/SK/mile</b>			<b>300.00</b>
TOTAL				<b>2649.70</b>

**EQUIPMENT**

PUMP TRUCK CEMENTER **LENN**

# **398** HELPER **ROBERT**

BULK TRUCK DRIVER **Neale**

# **410**

BULK TRUCK DRIVER

#

**REMARKS:**

**40 SK @ 880**  
**80 SK @ 300**  
**10 SK @ 40**  
**30 SK @ Rathole**

**THANK'S**

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<b>990.00</b>
EXTRA FOOTAGE		@		
MILEAGE	<b>10</b>	@	<b>7.50</b>	<b>75.00</b>
MANIFOLD		@		

TOTAL **1065.00**

CHARGE TO: **MAI Oil OPERATIONS INC.**

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

		@		
		@		
<b>Dry Hole Plug</b>		@		<b>39.00</b>
		@		

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helner(s) to assist owner or



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations Inc

**Bahr # 1A**

Box 33  
Russell Ks 67665

**26 18 15 Barton Ks**

Job Ticket: 33110

**DST#: 1**

ATTN: Allen Bangert

Test Start: 2008.09.14 @ 03:21:57

## GENERAL INFORMATION:

Formation: **B LK**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 04:52:27  
 Time Test Ended: 09:16:27

Test Type: Conventional Bottom Hole  
 Tester: Dan Bangle  
 Unit No: 38

Interval: **3192.00 ft (KB) To 3210.00 ft (KB) (TVD)**  
 Total Depth: **3210.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1914.00 ft (KB)**  
**1906.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

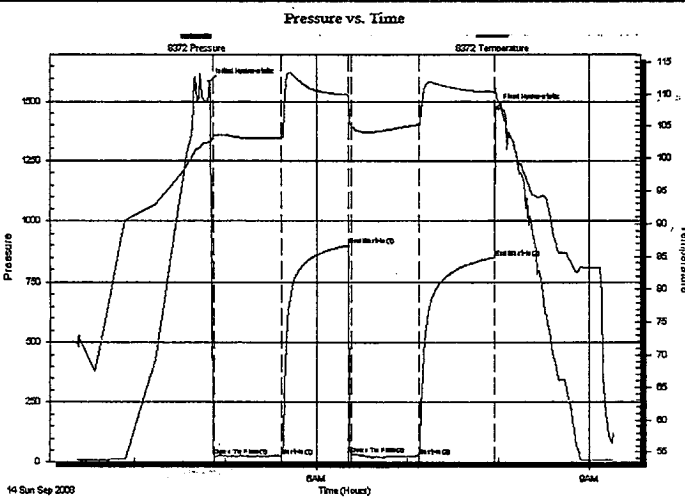
## Serial #: 8372

Inside

Press@RunDepth: **25.10 psig @ 3193.00 ft (KB)**  
 Start Date: **2008.09.14** End Date: **2008.09.14**  
 Start Time: **03:21:58** End Time: **09:16:27**

Capacity: **7000.00 psig**  
 Last Calib.: **2008.09.14**  
 Time On Btm: **2008.09.14 @ 04:49:57**  
 Time Off Btm: **2008.09.14 @ 07:58:57**

TEST COMMENT: IF-Strong BOB in 15 sec GTS in 15 min Gauged  
 FF-Strong BOB as soon as tool opened



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.07	102.48	Initial Hydro-static
3	21.97	103.46	Open To Flow (1)
47	24.10	103.14	Shut-In(1)
92	899.54	109.85	End Shut-In(1)
93	29.73	104.99	Open To Flow (2)
138	25.10	105.16	Shut-In(2)
188	850.53	110.29	End Shut-In(2)
189	1474.25	109.54	Final Hydro-static

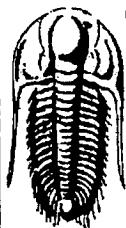
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 WICHITA, KS

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	Gsy Mud	0.49

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	6.00	32.36



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Mai Oil Operations Inc

**Bahr # 1A**

Box 33  
Russell Ks 67665

**26 18 15-Barton Ks**

ATTN: Allen Bangert

Job Ticket: 33111

**DST#: 2**

Test Start: 2008.09.14 @ 21:16:47

## GENERAL INFORMATION:

Formation: **H LKC**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 22:52:47

Time Test Ended: 01:19:47

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3323.00 ft (KB) To 3345.00 ft (KB) (TVD)**

Total Depth: 3345.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1914.00 ft (KB)

1906.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8372**

**Inside**

Press@RunDepth: 17.37 psig @ 3324.00 ft (KB)

Start Date: 2008.09.14

End Date:

2008.09.15

Start Time: 21:16:48

End Time:

01:19:47

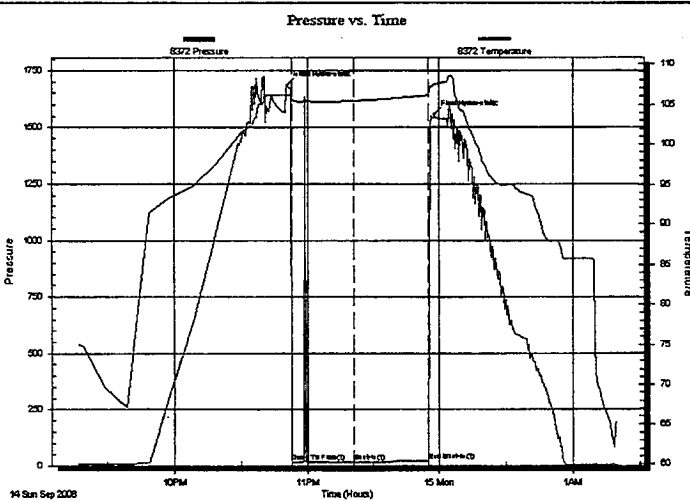
Capacity: 7000.00 psig

Last Calib.: 2008.09.15

Time On Btmr: 2008.09.14 @ 22:50:47

Time Off Btmr: 2008.09.14 @ 23:57:47

TEST COMMENT: IF-Weak died in 5 min - flushed tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1683.57	106.15	Initial Hydro-static
2	14.76	105.46	Open To Flow (1)
31	17.37	105.44	Shut-In (1)
65	19.71	106.14	End Shut-In (1)
67	1557.47	107.46	Final Hydro-static

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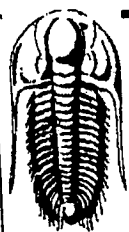
CONSERVATION DIVISION  
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## Recovery

Length (ft)	Description	Volume (bbl)
1.00	DM	0.01

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations Inc  
 Box 33  
 Russell Ks 67665  
 ATTN: Allen Bangert

**Bahr # 1A**  
**26 18 15 Barton Ks**  
 Job Ticket: 33112      **DST#: 3**  
 Test Start: 2008.09.15 @ 08:22:58

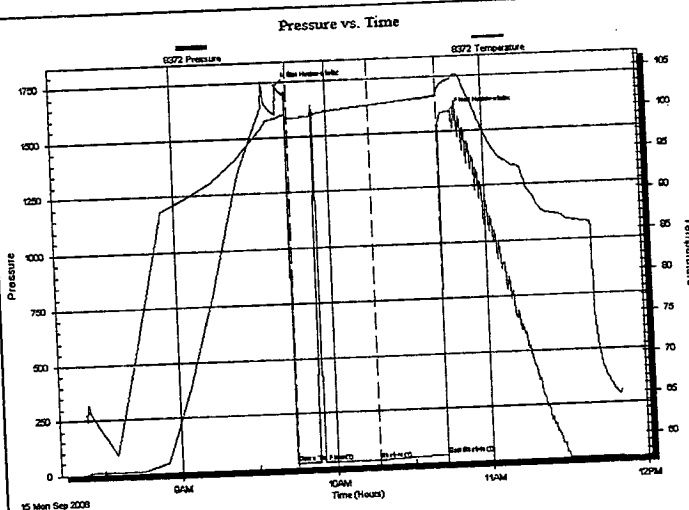
## GENERAL INFORMATION:

Formation: **I-J LKC**  
 Deviated: **No Whipstock**      ft (KB)  
 Time Tool Opened: 09:44:58  
 Time Test Ended: 11:50:58  
 Interval: **3340.00 ft (KB) To 3380.00 ft (KB) (TVD)**  
 Total Depth: **3380.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**  
 Tester: **Dan Bangle**  
 Unit No: **38**  
 Reference Elevations: **1914.00 ft (KB)**  
                                  **1906.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 8372**      **Inside**      Capacity: **7000.00 psig**  
 Press@RunDepth: **20.96 psig @ 3341.00 ft (KB)**      2008.09.15      Last Calib.: **2008.09.15**  
 Start Date: **2008.09.15**      End Date: **2008.09.15**      Time On Btm: **2008.09.15 @ 09:40:58**  
 Start Time: **08:22:59**      End Time: **11:50:58**      Time Off Btm: **2008.09.15 @ 10:47:28**

TEST COMMENT: IF-Weak died in 10 min - flushed tool - weak blow died in 10 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.66	99.75	Initial Hydro-static
4	19.64	99.63	Open To Flow (1)
35	20.96	100.90	Shut-In(1)
62	35.39	101.82	End Shut-In(1)
67	1589.07	103.72	Final Hydro-static

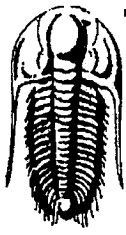
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 WICHITA, KS

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM	0.07

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations Inc  
 Box 33  
 Russell Ks 67665  
 ATTN: Allen Bangert

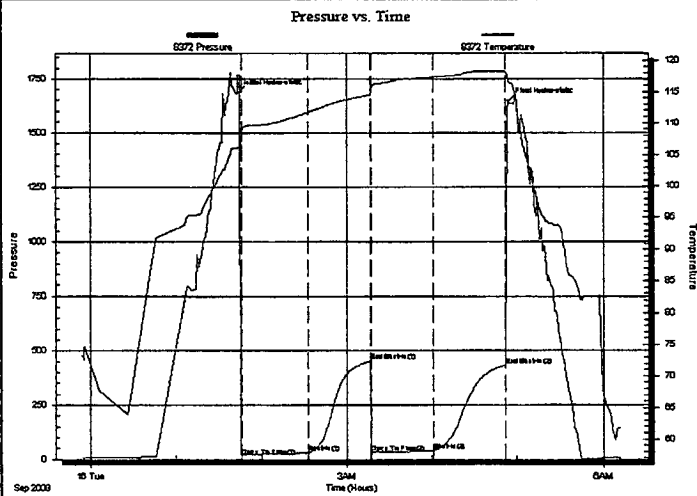
**Bahr # 1A**  
**26 18 15 Barton Ks**  
 Job Ticket: 33113 **DST#: 4**  
 Test Start: 2008.09.15 @ 23:54:16

## GENERAL INFORMATION:

Formation: **Reagan Sd**  
 Deviated: **No Whipstock** ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **01:45:46**  
 Tester: **Dan Bangle**  
 Time Test Ended: **06:12:46**  
 Unit No: **38**  
 Interval: **3455.00 ft (KB) To 3473.00 ft (KB) (TVD)**  
 Reference Elevations: **1914.00 ft (KB)**  
**1906.00 ft (CF)**  
 Total Depth: **3473.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 KB to GR/CF: **8.00 ft**

**Serial #: 8372** **Inside**  
 Press@RunDepth: **38.43 psig @ 3456.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2008.09.15** End Date: **2008.09.16** Last Calib.: **2008.09.16**  
 Start Time: **23:54:17** End Time: **06:12:46** Time On Btm: **2008.09.16 @ 01:42:46**  
 Time Off Btm: **2008.09.16 @ 04:54:16**

TEST COMMENT: IF-Weak building to 1 1/4"  
 FF-Weak steady surface blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.59	105.98	Initial Hydro-static
3	14.82	108.38	Open To Flow (1)
50	28.86	111.70	Shut-In(1)
94	451.44	114.54	End Shut-In(1)
95	30.49	115.78	Open To Flow (2)
139	38.43	117.36	Shut-In(2)
190	433.00	118.33	End Shut-In(2)
192	1644.22	116.57	Final Hydro-static

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**JAN 09 2009**

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	WCM 20%w 80%r	0.70
0.00	65 GIP faint smell	0.00

## Gas Rate

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



