

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

RECEIVED ORIGINAL

JUL 22 2010

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
Blanks must be Filled

KCC WICHITA

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) 483-1676
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: NCRA

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 #: _____

03-15-2010	03-22-2010	03-22-2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25400-0000
Spot Description: _____
NW SE SE SE Sec. 12 Twp. 16 S. R. 15 East West
590 Feet from North / South Line of Section
640 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Strecker Well #: 1
Field Name: Wildcat
Producing Formation: Plattsmouth, Lansing
Elevation: Ground: 1932' Kelly Bushing: 1940'
Total Depth: 3480 Plug Back Total Depth: 3445'
Amount of Surface Pipe Set and Cemented at: 448 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: 86000 ppm Fluid volume: 100 bbls
Dewatering method used: Let dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

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.

Signature: Allen Bangert
Title: Prod. Supt. Date: 07-15-2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 7/22/10 - 7/22/11 *Denied 7/23/10*
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 7/23/10



Sherri Underwood

Operator Name: Mai oil Operations, Inc. Lease Name: Strecker Well #: 1
 Sec. 12 Twp. 16 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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CNFD, DIL, Micro	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>948'</td> <td>+992</td> </tr> <tr> <td>Topeka</td> <td>2866'</td> <td>-926</td> </tr> <tr> <td>Heebner</td> <td>3098'</td> <td>-1158</td> </tr> <tr> <td>Toronto</td> <td>3116'</td> <td>-1176</td> </tr> <tr> <td>Lansing</td> <td>3162'</td> <td>-1222</td> </tr> <tr> <td>Base Kansas City</td> <td>3390'</td> <td>-1450</td> </tr> <tr> <td>Arbuckle</td> <td>3422'</td> <td>-1482</td> </tr> </table>	Name	Top	Datum	Anhydrite	948'	+992	Topeka	2866'	-926	Heebner	3098'	-1158	Toronto	3116'	-1176	Lansing	3162'	-1222	Base Kansas City	3390'	-1450	Arbuckle	3422'	-1482
Name	Top	Datum																							
Anhydrite	948'	+992																							
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Base Kansas City	3390'	-1450																							
Arbuckle	3422'	-1482																							

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"	20#	448'	60-40 POZ	225	2%Gel, 3% CC
Production	7 7/8"	5 1/2"	14#	3476'	60-40 POZ	160	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	3421-29'	2500 gal. 20% NE, 5000 gal. 20% CRA NE	
	CIBP set @ 3390'		
3	3324-30', 3306-10', 3246-50', 3234-39', 3196-3200', 3049-53'		

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3375'</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 04-20-2010	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>15</u>	Gas Mcf <u> </u>	Water Bbls. <u>30</u>	Gas-Oil Ratio <u> </u>	Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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: <u>3049-3324' OA</u>
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TO : Kansas Corporation Commission
Conservation Division

FROM : Mai Oil Operations, Inc.
Lic. # 5259

Re : Confidentiality, Side two ACO-1

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JUL 27 2010
KCC WICHITA

Please keep side two of the ACO-1 and all attached logs and well data
confidential for the following well Strecker #1.



Allen Bangert
Production Superintendent
Mai Oil Operations, Inc.

ALLIED CEMENTING CO., LLC. 036353

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

SERVICE POINT:
Russell

DATE <u>3-22-16</u>	SEC. <u>12</u>	TWP. <u>16</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:30 A.</u>
LEASE <u>Strecker</u>	WELL # <u>1</u>	LOCATION <u>Russell #281 S to</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		County line 3w 1 1/2 S w/ to					

CONTRACTOR Southern Drilling Rig #3
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3480.
 CASING SIZE 5 1/2 DEPTH 3479.56
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 psi MINIMUM _____
 MEAS. LINE SHOE JOINT 27.40
 CEMENT LEFT IN CSG. 27.40'
 PERFS.
 DISPLACEMENT 89.24 bbl

OWNER
 CEMENT
 AMOUNT ORDERED 160 60/40 109.5 salt
29.6 gal 1/4 # Fl. Sol
1000 Gal WFR-2
 COMMON 96 @ 13.50 1296.00
 POZMIX 64 @ 7.55 483.20
 GEL 3 @ 20.25 60.75
 CHLORIDE 5 @ 51.50 257.50
 ASC @ _____
 @ _____
1000 Gal WFR-2 @ 1.10 N-C
Fl. Sol 40 @ 2.45 98.00

EQUIPMENT

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 KCC WICHITA
 HANDLING 80 @ 2.25 180.00
 MILEAGE 110/5k/mile 160.00
 TOTAL 2535.45

PUMP TRUCK CEMENTER Shane
 # 417 HELPER Craig
 BULK TRUCK
 # 410 DRIVER Matt
 BULK TRUCK
 # DRIVER

REMARKS:

Insert @ 3452.16
Rat Hole 30 SCS
Mixed 1000 gal WFR-2 Tailed
in with 10 bbl water. Mixed
130 sts down 5 1/2 washed
14# to 15ppg. Shut down washed
pump 2 Lines. Displaced 89.24 bbl
to land plus @ 1500 psi
Float Held!

CHARGE TO: Mai Oil Operations
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 1159.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1299.00

PLUG & FLOAT EQUIPMENT

AFU- Float Shoe @ 101.00
11 Turbolizers @ 42.00 462.00
Latchdown @ 164.00
 @ _____
 @ _____

thanks!

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd
 Ste 800
 Dallas TX 75225-5520
 ATTN: Allen Bangert

Strecker #1
12 16S 15W Barton KS
 Job Ticket: 38207 DST#: 1
 Test Start: 2010.03.19 @ 00:38:28

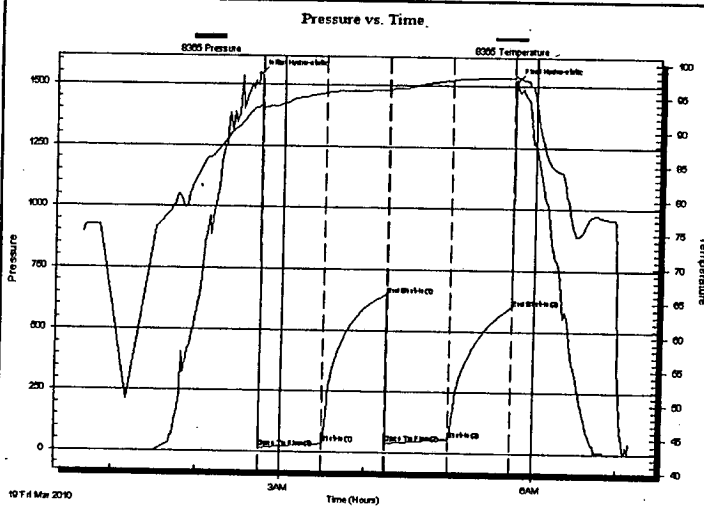
GENERAL INFORMATION:

Formation: **LKC B-C**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 02:44:23
 Time Test Ended: 07:09:22
 Interval: **3174.00 ft (KB) To 3206.00 ft (KB) (TVD)**
 Total Depth: **3206.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **1940.00 ft (KB)**
 1932.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: **8365** Inside
 Press@RunDepth: **55.65 psig @ 3178.01 ft (KB)**
 Start Date: **2010.03.19** End Date: **2010.03.19**
 Start Time: **00:38:28** End Time: **07:09:22**
 Capacity: **8000.00 psig**
 Last Calib.: **2010.03.19**
 Time On Btm: **2010.03.19 @ 02:42:23**
 Time Off Btm: **2010.03.19 @ 05:45:22**

TEST COMMENT: IFF-w k bl 1/2" to 2" bl
 FFP-w k bl surface to 1/4" bl
 Times 45-45-45-45

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PRESSURE SUMMARY **KCC WICHITA**

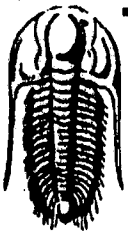
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.24	93.63	Initial Hydro-static
2	13.87	93.25	Open To Flow (1)
47	34.20	95.63	Shut-In(1)
92	646.02	96.06	End Shut-In(1)
93	38.67	95.94	Open To Flow (2)
137	55.65	97.55	Shut-In(2)
182	598.32	98.00	End Shut-In(2)
183	1517.38	98.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MW 20% M80% W/w/show of oil	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc

8411 Preston Rd
Ste 800
Dallas TX 75225-5520
ATTN: Allen Bangert

Strecker #1

12 16S 15W Barton KS

Job Ticket: 38208 DST#: 2

Test Start: 2010.03.19 @ 16:02:43

GENERAL INFORMATION:

Formation: **LKC E-F**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 18:08:08
Time Test Ended: 22:53:07

Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Interval: **3221.00 ft (KB) To 3260.00 ft (KB) (TVD)**
Total Depth: **3260.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

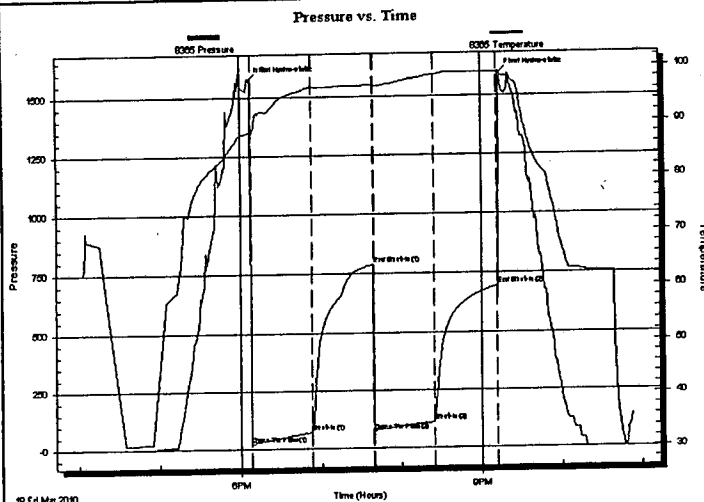
Reference Elevations: 1940.00 ft (KB)
 1932.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 111.77 psig @ 3227.01 ft (KB)
Start Date: 2010.03.19 End Date: 2010.03.19
Start Time: 16:02:43 End Time: 22:53:07

Capacity: 8000.00 psig
Last Calib.: 2010.03.19
Time On Btm: 2010.03.19 @ 18:06:08
Time Off Btm: 2010.03.19 @ 21:13:07

TEST COMMENT: IFP-w k to strg in 6 min
FFP-w k to strg in 6 min
Times 45-45-45-45
ISIP-surface bl bk, FSIP-1/4"bl bk

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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.55	88.08	Initial Hydro-static
2	19.23	87.66	Open To Flow (1)
47	69.48	96.53	Shut-In(1)
93	789.10	96.77	End Shut-In(1)
94	71.17	96.58	Open To Flow (2)
139	111.77	98.61	Shut-In(2)
186	695.97	98.96	End Shut-In(2)
187	1592.47	99.19	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
0.00	700'GIP	0.00
135.00	GMO 25%G45%O30%M	1.89
90.00	SOCMV 4%O10%M86%W	1.26

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc

8411 Preston Rd
Ste 800
Dallas TX 75225-5520
ATTN: Allen Bangert

Strecker #1

12 16S 15W Barton KS

Job Ticket: 38209

DST#: 3

Test Start: 2010.03.20 @ 11:36:50

GENERAL INFORMATION:

Formation: **LKC H-J**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 13:15:45
Time Test Ended: 18:20:44

Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Interval: **3295.00 ft (KB) To 3360.00 ft (KB) (TVD)**
Total Depth: **3360.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1940.00 ft (KB)**
1932.00 ft (CF)
KB to GR/CF: **8.00 ft**

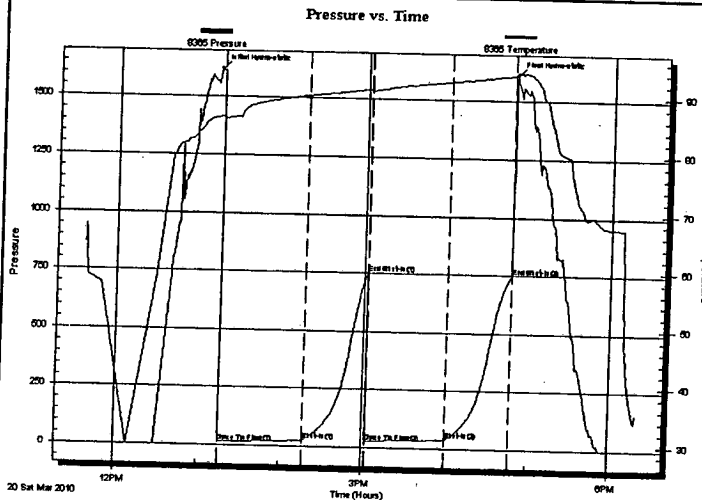
Serial #: **8365** Inside

Press@RunDepth: **36.75 psig @ 3299.01 ft (KB)**
Start Date: **2010.03.20** End Date: **2010.03.20**
Start Time: **11:36:50** End Time: **18:20:44**

Capacity: **8000.00 psig**
Last Calib.: **2010.03.20**
Time On Btm: **2010.03.20 @ 13:13:15**
Time Off Btm: **2010.03.20 @ 16:48:44**

TEST COMMENT: **IFP-w k to a gd bl 1/2" to 7 1/2" bl**
FFP-strg bl thru-out
Times 60-45-60-45
ISIP-no bl, FSP-no bl

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PRESSURE SUMMARY

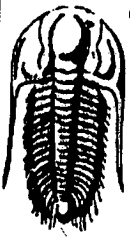
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.51	86.08	Initial Hydro-static
3	14.76	85.70	Open To Flow (1)
64	24.04	89.86	Shut-In(1)
109	751.73	91.13	End Shut-In(1)
110	23.96	90.91	Open To Flow (2)
168	36.75	92.61	Shut-In(2)
214	749.15	93.72	End Shut-In(2)
216	1608.00	94.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	805'GIP	0.00
65.00	GMO 35%G30%M35%O	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc

Strecker #1

8411 Preston Rd
Ste 800
Dallas TX 75225-5520
ATTN: Allen Bangert

12 16S 15W Barton KS

Job Ticket: 38210 **DST#: 4**

Test Start: 2010.03.21 @ 05:28:06

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 06:50:31
Time Test Ended: 09:28:01

Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Interval: **3389.00 ft (KB) To 3432.00 ft (KB) (TVD)**
Total Depth: **3432.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1940.00 ft (KB)**
1932.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8365

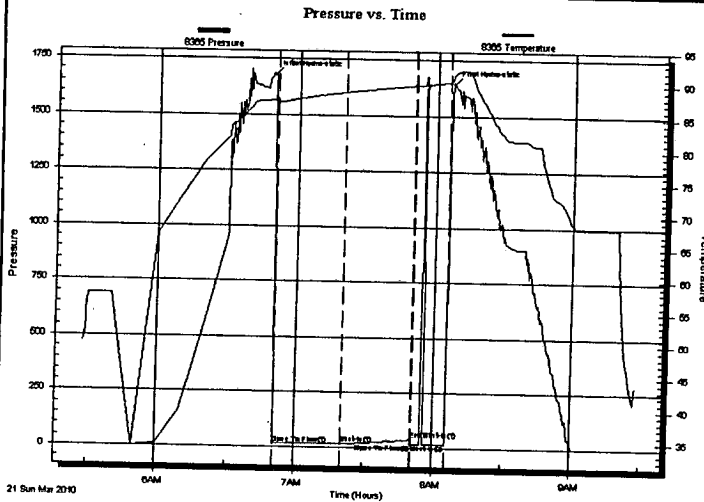
Inside

Press@RunDepth: **17.35 psig @ 3400.01 ft (KB)**
Start Date: **2010.03.21** End Date: **2010.03.21**
Start Time: **05:28:06** End Time: **09:28:01**

Capacity: **8000.00 psig**
Last Calib.: **2010.03.21**
Time On Btm: **2010.03.21 @ 06:49:01**
Time Off Btm: **2010.03.21 @ 08:07:01**

TEST COMMENT: IFP-surface bl died in 10min
FFP-no bl, flushed tool, got surge after flush
Times 30-30-15 flush tool -out

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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1676.78	87.44	Initial Hydro-static
2	15.52	86.94	Open To Flow (1)
31	17.35	88.71	Shut-In(1)
62	38.10	89.87	End Shut-In(1)
62	16.72	89.88	Open To Flow (2)
77	18.41	90.39	Shut-In(2)
78	1641.98	91.44	Final Hydro-static

Recovery

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

Gas Rates

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