

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  
Wellsite Geologist: Kitt Noah  
Purchaser: NCRA  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
\_\_\_\_\_ 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.: \_\_\_\_\_  
03-05-2010      03-12-2010      03-12-2010  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 009-25391-0000  
Spot Description: \_\_\_\_\_  
SW\_NW\_SE\_NW Sec. 24 Twp. 18 S. R. 15  East  West  
1920 Feet from  North /  South Line of Section  
1380 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barton  
Lease Name: Fyler Well #: 1  
Field Name: Wildcat  
Producing Formation: Lansing, Plattsmouth  
Elevation: Ground: 1907' Kelly Bushing: 1915'  
Total Depth: 3570' Plug Back Total Depth: 3534'  
Amount of Surface Pipe Set and Cemented at: 939' 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/ \_\_\_\_\_  
*Handwritten: AH 1 - Dig - 6/3/10*

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 70000 ppm Fluid volume: 300 bbls  
Dewatering method used: Hauled Offsite  
Location of fluid disposal if hauled offsite:  
Operator Name: Mai Oil Operations, Inc.  
Lease Name: Axman SWD License No.: 5259  
Quarter NW Sec. 13 Twp. 17 S. R. 15  East  West  
County: Barton Docket No.: D-30533

**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: 05-21-2010

Subscribed and sworn to before me this 26 day of May,  
2010.

Notary Public: Lori Crathorne  
Date Commission Expires: \_\_\_\_\_



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

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MAY 27 2010

Operator Name: Mai Oil Operations, Inc. Lease Name: Fyler Well #: 1  
 Sec. 24 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 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: <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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>939'</td> <td>+976</td> </tr> <tr> <td>Topeka</td> <td>2920'</td> <td>-1005</td> </tr> <tr> <td>Heebner</td> <td>3163'</td> <td>-1248</td> </tr> <tr> <td>Toronto</td> <td>3178'</td> <td>-1263</td> </tr> <tr> <td>Lansing</td> <td>3243'</td> <td>-1328</td> </tr> <tr> <td>Base Kansas City</td> <td>3470'</td> <td>-1555</td> </tr> <tr> <td>Arbuckle</td> <td>3510'</td> <td>-1595</td> </tr> </table>	Name	Top	Datum	Anhydrite	939'	+976	Topeka	2920'	-1005	Heebner	3163'	-1248	Toronto	3178'	-1263	Lansing	3243'	-1328	Base Kansas City	3470'	-1555	Arbuckle	3510'	-1595
Name	Top	Datum																							
Anhydrite	939'	+976																							
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Base Kansas City	3470'	-1555																							
Arbuckle	3510'	-1595																							

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#	939'	60-40POZ	350	2% gel, 3% CC
Production	7 7/8"	5 1/2"	14#	3566'	60-40POZ	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>
3	3419-23', 3404-10', 3387-91', 3104-10'	2000 gal. 20%NE HCL, 4000 gal. 20% CRANE HCL

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**CONSERVATION DIVISION**  
**WICHITA, KS**

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3530'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>04-08-2010</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>25</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio      Gravity

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3104-3423' OA</u>
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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3948

Date	Sec.	Twp.	Range	County	State	On Location	Finish	
3-6-10	24	18	15	BARTON	KS		2:00 pm	
Lease	FYLER		Well No.	1				
Contractor			SOUTHWIND #3		Owner			
Type Job			SFC					To Quality Oilwell Cementing, Inc.
Hole Size			12 1/4		T.D.			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Csg.			8 5/8 23#		Depth		940'	
Tbg. Size					Depth			Charge To
Tool			40		Depth			MAI OIL
Cement Left in Csg.			10-15'		Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line			24#		Displace			
EQUIPMENT				Amount Ordered				350 <sup>40</sup> / <sub>40</sub> 342
Pumptrk			9 No. Cementer		Helper			Common
Bulktrk			2 No. Driver		Driver			Poz. Mix
Bulktrk			12 No. Driver		Driver			Gel.
JOB SERVICES & REMARKS				Calcium				
Remarks:				Hulls				
Dumped 10 BBL water in front of cement.				Salt				
Mixed Cement Released plug				Flowseal				
Displaced 57 3/4				Handling				RECEIVED
Landed @ 800 psi				Mileage				KANSAS CORPORATION COMMISSION
Cement Cir @ 38 BBL Displacements				Guide Shoe				MAY 27 2010
Thanks				Centralizer				CONSERVATION DIVISION
				Baskets				MICHITA, KS
				AFU Inserts				FLOAT EQUIPMENT
				Pumptrk Charge				
				Mileage				
				Tax				
				Discount				
				Total Charge				
X Signature								

# ALLIED CEMENTING CO., LLC. 33876

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE <u>3-12-10</u>	SEC. <u>24</u>	TWP. <u>18</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>2:15pm</u>	JOB FINISH <u>3:00pm</u>
<u>Fuler</u> LEASE	WELL # <u>1</u>	LOCATION <u>Olmitz 3 1/2 South East into</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Southwind Rig #3  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 3570'  
 CASING SIZE 5 1/2 14# DEPTH 3558'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 26.60'  
 CEMENT LEFT IN CSG. 26.60'  
 PERFS.  
 DISPLACEMENT 86.16 Bbl

**EQUIPMENT**

PUMP TRUCK CEMENTER John Roberts  
 # 417 HELPER Craig  
 BULK TRUCK  
 # 378 DRIVER Glenn  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

Ran 84 Jts 5 1/2 14# Casing 3558' set @ 3566'  
Est. Circulation and circulate 45min. on  
bottom. Pump 1000 gal WFR-2 Plug Rattide  
w/ 30 sk cement. Mix 130sk cement. Insert  
@ 3531.4 Displace plug w/ 86 Bbl Hrd.  
Land plug @ 1500psi  
Float Did Hold!

Thank You!

CHARGE TO: Mai Oil Operations  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT  
 AMOUNT ORDERED 160 6% 10% Salt 2% Gel 1/4" Fr.  
1000 gal WFR-2

COMMON	<u>96</u>	@	<u>13.50</u>	<u>1296.00</u>
POZMIX	<u>64</u>	@	<u>7.55</u>	<u>483.20</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>WFR-2 1000</u>		@	<u>1.10</u>	<u>N-C</u>
<u>Fl. Seal 40</u>		@	<u>2.45</u>	<u>98.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>80</u>	@	<u>2.25</u>	<u>180.00</u>
MILEAGE	<u>10.56/mile</u>			<u>300.00</u>
				TOTAL <u>2417.95</u>

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1957.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
		@		
		@		
				TOTAL <u>2062.00</u>

**PLUG & FLOAT EQUIPMENT**

<u>11-Turbolizers</u>	@	<u>42.00</u>	<u>462.00</u>
<u>1-AFU Float shoe</u>	@		<u>101.00</u>
<u>1-Latch down Plug</u>	@		<u>164.00</u>
	@		
	@		

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd  
Ste 800  
Dallas, Tx 75225  
ATTN: Kitt Noah

**Fyler #1**

**24-18s-15w Barton KS**

Job Ticket: 37218

DST#: 1

Test Start: 2010.03.09 @ 13:40:10

## GENERAL INFORMATION:

Formation: **Plattsmouth 50'**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 15:02:40  
 Time Test Ended: 19:14:40  
 Interval: **3090.00 ft (KB) To 3118.00 ft (KB) (TVD)**  
 Total Depth: **3118.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**  
 Tester: **Tyson Flax**  
 Unit No: **44**

Reference Elevations: **1915.00 ft (KB)**  
**1907.00 ft (CF)**  
 KB to GR/CF: **8.00 ft.**

**Serial #: 6668**

**Inside**

Press@RunDepth: **25.41 psig @ 3115.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.03.09**

End Date:

**2010.03.09**

Last Calib.: **2010.03.09**

Start Time: **13:40:11**

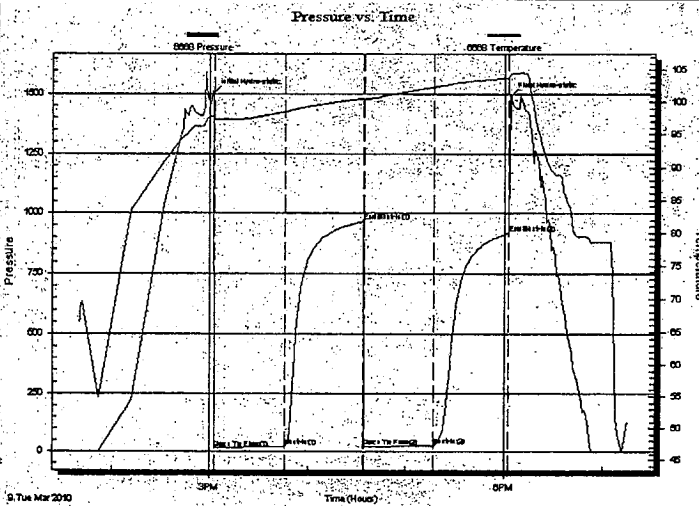
End Time:

**19:14:40**

Time On Btm: **2010.03.09 @ 15:02:10**

Time Off Btm: **2010.03.09 @ 18:03:40**

**TEST COMMENT:** FP-Weak surface blow, built to 2"  
 IS-no blow back  
 FP-Weak surface blow throughout  
 FS-no blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.02	97.76	Initial Hydro-static
1	14.43	97.30	Open To Flow (1)
44	20.79	98.52	Shut-In (1)
92	966.37	100.56	End Shut-In (1)
92	20.93	100.42	Open To Flow (2)
135	25.41	102.37	Shut-In (2)
181	918.44	103.76	End Shut-In (2)
182	1492.50	104.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud w/scum of oil	0.35

## Gas Rates

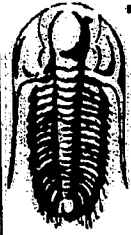
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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CONSERVATION DIVISION  
WICHITA, KS

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.  
8411 Preston Rd  
Ste 800  
Dallas, Tx 75225  
ATTN: Kitt Noah

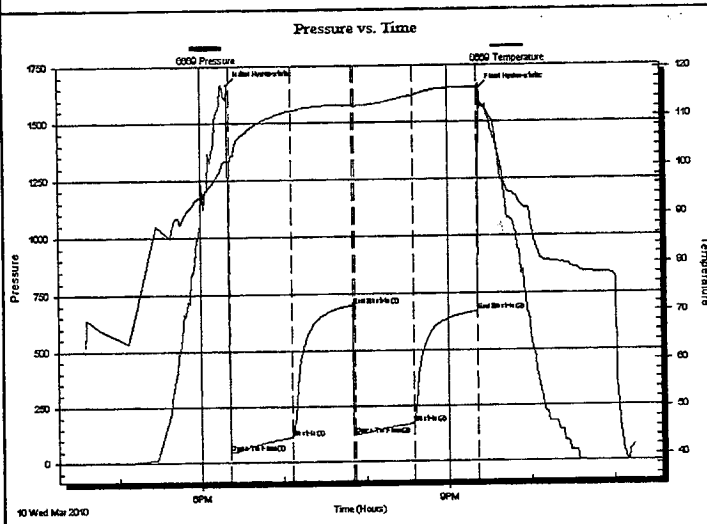
**Fyler #1**  
**24-18s-15w Barton KS**  
Job Ticket: 37219      **DST#: 2**  
Test Start: 2010.03.10 @ 16:35:03

## GENERAL INFORMATION:

Formation: **LKC "H-J"**  
 Deviated: **No Whipstock**      ft (KB)  
 Time Tool Opened: 18:20:33  
 Time Test Ended: 23:14:33  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Tyson Flax**  
 Unit No: **44**  
 Interval: **3374.00 ft (KB) To 3428.00 ft (KB) (TVD)**  
 Total Depth: **3428.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Reference Elevations: **1915.00 ft (KB)**  
    **1907.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6669**      **Inside**  
 Press@RunDepth: **169.15 psig @ 3380.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2010.03.10**      End Date: **2010.03.10**      Last Calib.: **2010.03.10**  
 Start Time: **16:35:04**      End Time: **23:14:33**      Time On Btm: **2010.03.10 @ 18:19:33**  
                   Time Off Btm: **2010.03.10 @ 21:22:33**

**TEST COMMENT:** IFP-BOB in 2.5 min  
 ISI-Weak surface blow back built to 2"  
 FFP-BOB in 3.5 min GTS in 23 min  
 FSI-Weak blow back built to 6"



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1667.14	101.00	Initial Hydro-static
1	44.14	100.72	Open To Flow (1)
47	110.26	111.40	Shut-In(1)
91	700.39	112.62	End Shut-In(1)
92	119.66	112.08	Open To Flow (2)
135	169.15	114.46	Shut-In(2)
182	669.71	115.97	End Shut-In(2)
183	1648.03	116.82	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
270.00	GMCO 40%G,40%O,20%M	3.83
120.00	GCO 20%G,80%O	1.70
0.00	GTS	0.00

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

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**WICHITA, KS**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.  
8411 Preston Rd  
Ste 800  
Dallas, Tx 75225  
ATTN: Kitt Noah

**Fyler #1**  
**24-18s-15w Barton KS**  
Job Ticket: 37220      DST#: 3  
Test Start: 2010.03.11 @ 12:05:42

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 13:39:42  
Time Test Ended: 18:31:12

Test Type: **Conventional Bottom Hole**  
Tester: **Tyson Flax**  
Unit No: **44**

Interval: **3467.00 ft (KB) To 3530.00 ft (KB) (TVD)**  
Total Depth: **3530.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**

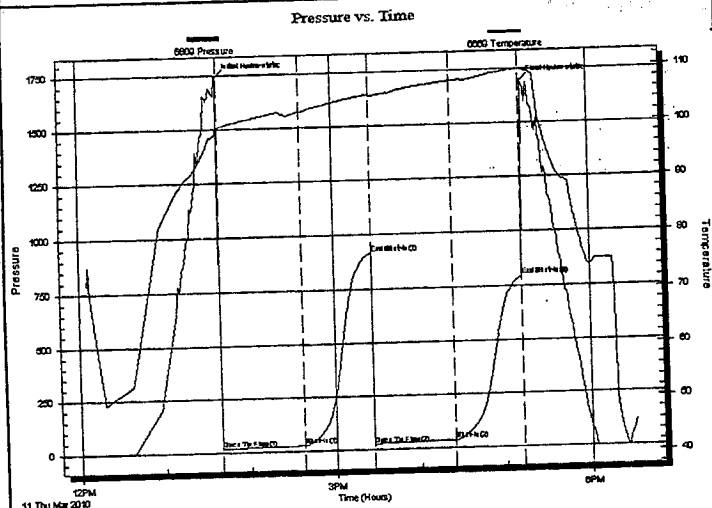
Reference Elevations: **1915.00 ft (KB)**  
**1907.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

**Serial #: 6669**      **Inside**  
Press@RunDepth: **37.82 psig @ 3474.00 ft (KB)**  
Start Date: **2010.03.11**      End Date: **2010.03.11**  
Start Time: **12:05:43**      End Time: **18:31:12**

Capacity: **8000.00 psig**  
Last Calib.: **2010.03.11**  
Time On Btm: **2010.03.11 @ 13:39:12**  
Time Off Btm: **2010.03.11 @ 17:13:42**

**TEST COMMENT:** IFP-Weak surface blow built to 6.5"  
ISI-no blow back  
FFP-Weak blow built to 6"  
FSI-no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.67	99.83	Initial Hydro-static
1	19.90	99.70	Open To Flow (1)
59	28.00	102.50	Shut-In(1)
107	915.68	105.37	End Shut-In(1)
108	25.75	105.15	Open To Flow (2)
165	37.82	107.56	Shut-In(2)
213	795.25	109.38	End Shut-In(2)
215	1696.01	109.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	HOCM 30%O,70M	0.43
20.00	CO	0.28
0.00	70' GIP	0.00

## Gas Rates

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

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