

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: 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.: \_\_\_\_\_  
12/02/2009      12/09/2009      12/09/2009  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 009-25358-0000  
Spot Description: 15' North & 95' West  
SW NE SE NE Sec. 30 Twp. 17 S. R. 14  East  West  
1750 Feet from  North /  South Line of Section  
540 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barton  
Lease Name: McCurry Well #: 2  
Field Name: Wildcat  
Producing Formation: Arbuckle  
Elevation: Ground: 1910' Kelly Bushing: 1918'  
Total Depth: 3474' Plug Back Total Depth: 3432'  
Amount of Surface Pipe Set and Cemented at: 903' 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 AH I NCR 1-25-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 62000 ppm Fluid volume: 200 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: 01/08/2010  
Subscribed and sworn to before me this 8 day of January,  
20 10.  
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

RECEIVED

JAN 11 2010

KCC WICHITA

Operator Name: Mal Oil Operations, Inc. Lease Name: McCurry Well #: 2  
 Sec. 30 Twp. 17 S. R. 14  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, 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>906'</td> <td>+1012</td> </tr> <tr> <td>Topeka</td> <td>2860'</td> <td>-942</td> </tr> <tr> <td>Heebner</td> <td>3094'</td> <td>-1176</td> </tr> <tr> <td>Toronto</td> <td>3106'</td> <td>-1188</td> </tr> <tr> <td>Lansing</td> <td>3168'</td> <td>-1250</td> </tr> <tr> <td>Base Kansas City</td> <td>3386'</td> <td>-1468</td> </tr> <tr> <td>Arbuckle</td> <td>3406'</td> <td>-1488</td> </tr> </table>	Name	Top	Datum	Anhydrite	906'	+1012	Topeka	2860'	-942	Heebner	3094'	-1176	Toronto	3106'	-1188	Lansing	3168'	-1250	Base Kansas City	3386'	-1468	Arbuckle	3406'	-1488
Name	Top	Datum																							
Anhydrite	906'	+1012																							
Topeka	2860'	-942																							
Heebner	3094'	-1176																							
Toronto	3106'	-1188																							
Lansing	3168'	-1250																							
Base Kansas City	3386'	-1468																							
Arbuckle	3406'	-1488																							

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#	903'	60-40 POZ	350	2 % Gel, 3% CC
Production	5 1/2"	5 1/2"	14#	3470	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>
4	3417-21', 3412-16"	400 gal. 15% FENE
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                         RECEIVED                          JAN 11 2010                          KCC WICHITA                     </div>

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3425'</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumed Production, SWD or Enhr. <b>01/05/2010</b>
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. <b>40</b> Gas Mcf _____ Water Bbls. <b>60</b> 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: <b>3412-21' OA</b>
--	---	--



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**McCurry #2**  
**30-17s-14w Barton KS**  
Job Ticket: 36619  
DST#: 1  
Test Start: 2009.12.07 @ 05:56:30

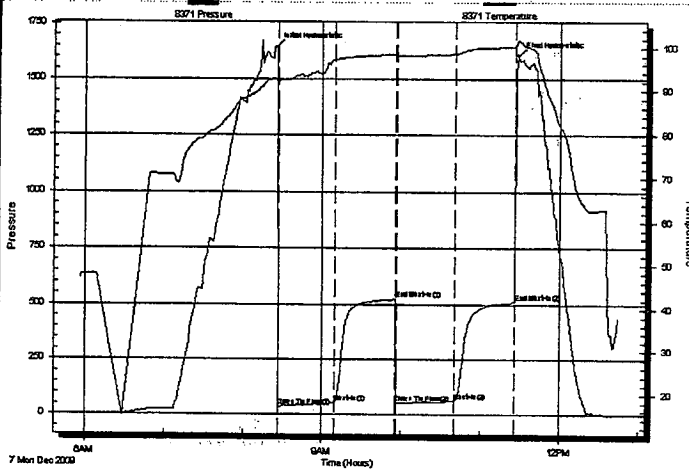
## GENERAL INFORMATION:

Formation: **LKC "H-J"**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 08:26:25  
 Time Test Ended: 12:44:54  
 Interval: **3292.00 ft (KB) To 3354.00 ft (KB) (TVD)**  
 Total Depth: **3354.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition:  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Brian Fairbank**  
 Unit No: **41**  
 Reference Elevations: **1918.00 ft (KB)**  
**1910.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 8371** **Inside**  
 Press@RunDepth: **61.93 psig @ 3297.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2009.12.07** End Date: **2009.12.07** Last Calib.: **2009.12.07**  
 Start Time: **05:56:30** End Time: **12:44:54** Time On Btrm: **2009.12.07 @ 08:24:55**  
 Time Off Btrm: **2009.12.07 @ 11:27:54**

**TEST COMMENT:** IFP - weak to fair blow 1/4" - 4 1/2"  
 ISI - no blow back  
 FFP - weak blow throughout sur - 3"  
 FSI - no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.85	92.57	Initial Hydro-static
2	36.84	92.09	Open To Flow (1)
45	52.51	97.17	Shut-in(1)
91	522.90	98.40	End Shut-in(1)
92	53.23	98.14	Open To Flow (2)
136	61.93	98.51	Shut-in(2)
182	510.87	100.08	End Shut-in(2)
183	1606.29	101.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud:100%	0.84

## Gas Rates

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

**RECEIVED**  
**JAN 11 2010**  
**KCC WICHITA**



**TRIOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**McCurry #2**  
**30-17s-14w Barton KS**  
 Job Ticket: 36620      DST#: 2  
 Test Start: 2009.12.08 @ 01:01:10

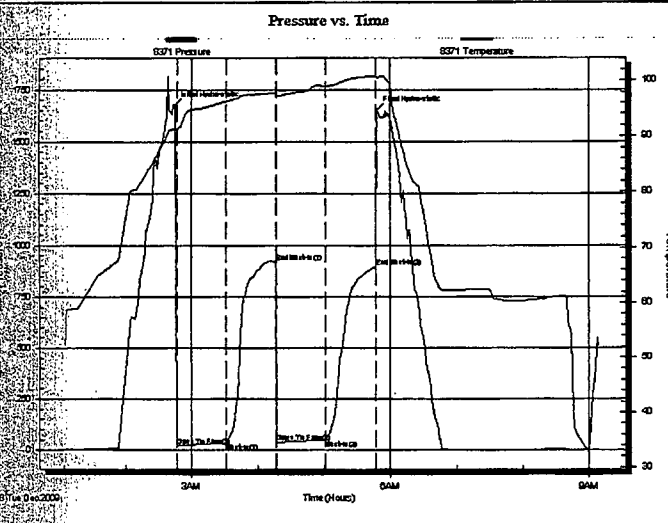
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No Whipstock**      ft (KB)  
 Time Tool Opened: 02:46:35  
 Time Test Ended: 09:08:34  
 Interval: **3384.00 ft (KB) To 3420.00 ft (KB) (TVD)**  
 Total Depth: **3420.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition:

Test Type: **Conventional Bottom Hole**  
 Tester: **Brian Fairbank**  
 Unit No: **41**  
 Reference Elevations: **1918.00 ft (KB)**  
**1910.00 ft (CF)**  
**KB to GR/CF: 8.00 ft**

Serial #: **8371**      **Inside**  
 Press@RunDepth: **48.21 psig @ 3389.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2009.12.08**      End Date: **2009.12.08**      Last Calib.: **2009.12.08**  
 Start Time: **01:01:10**      End Time: **09:08:34**      Time On Btm: **2009.12.08 @ 02:44:35**  
 Time Off Btm: **2009.12.08 @ 05:48:05**

TEST COMMENT: IFP - BOB 33 min.  
 ISI - weak sur blow back - died 42 min.  
 FFP - BOB 34 min.  
 FSI - strong sur. blow throughout



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.53	91.33	Initial Hydro-static
2	22.03	90.92	Open To Flow (1)
47	35.93	96.26	Shut-In(1)
92	920.29	97.77	End Shut-In(1)
93	36.95	97.32	Open To Flow (2)
137	48.21	98.98	Shut-In(2)
182	896.11	100.78	End Shut-In(2)
184	1651.08	100.47	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
40:00	GHOOM 5%G, 40%O, 55%M	0.56
33:00	GOCM 10%G, 20%O, 70%M	0.46
2:00	FREE OIL 95%O, 5%M	0.03
0:00	75' GIP	0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
<p><b>RECEIVED</b>  <b>JAN 11 2010</b>  <b>KCC WICHITA</b></p>			

# QUALITY OILWELL CEMENTING, INC.

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

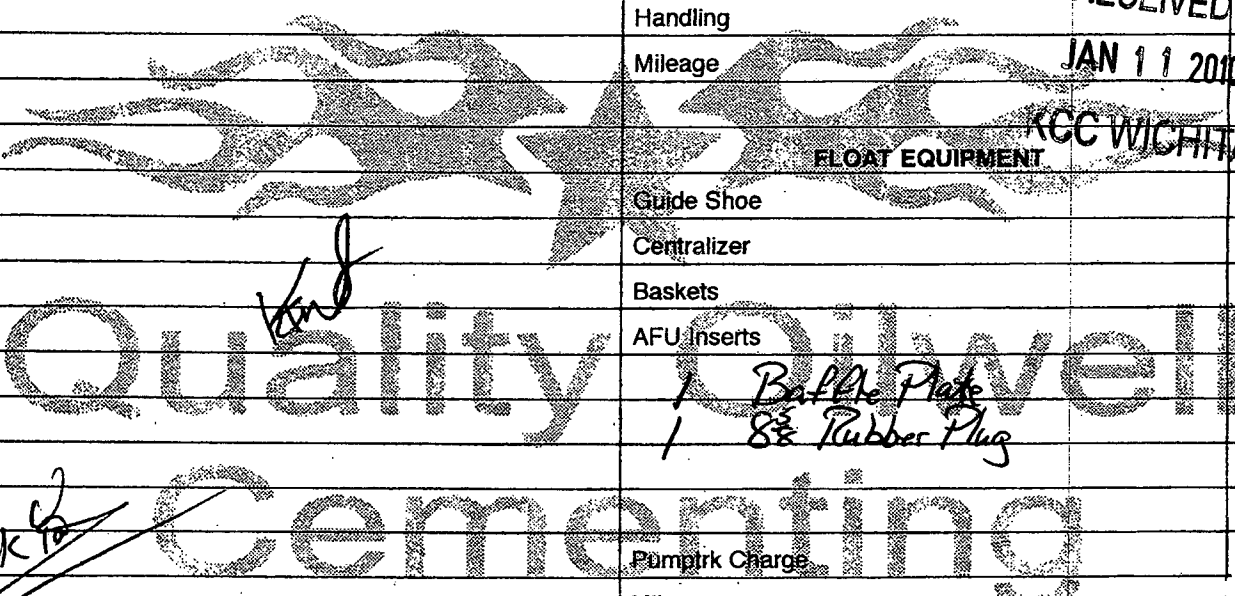
Home Office P.O. Box 32 Russell, KS 67665

No. 3691

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-3-09	30	17	14	Barton	Kansas		4:00pm
Lease <i>McCurry</i>	Well No. <i>2</i>		Location <i>Hwy 281 R-4 3W 2N Wink</i>				
Contractor <i>Southern Drilling Rig 3</i>				Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job <i>Surface</i>	T.D. <i>903</i>		Charge To <i>Mac Oil Operations</i>				
Hole Size <i>12 1/4</i>	Depth <i>903</i>		Street				
Csg. <i>8 3/8</i>	Depth		City				
Tbg. Size	Depth		State				
Tool	Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg. <i>42'</i>	Shoe Joint <i>42'</i>		<b>CEMENT</b>				
Meas Line	Displace <i>54 3/4 (B)</i>		Amount Ordered <i>350 60/40 36 CC 2 1/2 in</i>				
<b>EQUIPMENT</b>				Common			
Pumptrk <i>1</i>	No.	Cementer Helper <i>Steve</i>					
Bulktrk <i>11</i>	No.	Driver <i>Dave</i>	Poz. Mix				
Bulktrk	No.	Driver <i>Recky</i>	Gel.				
<b>JOB SERVICES &amp; REMARKS</b>				Calcium			
Remarks: <i>Cement did Circulate</i>				Hulls			
				Salt			
				Flowseal			
				Handling			
				Mileage			
				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				<i>1 Baffle Plate</i>			
				<i>1 8 3/8 Rubber Plug</i>			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
X Signature							

RECEIVED  
JAN 11 2010

KCC WICHITA



*Handwritten signature*

# ALLIED CEMENTING CO., LLC. -037574

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Russell*

12-9-2009	SEC. 30	TWP. 19	RANGE 14	CALLED OUT	ON LOCATION	JOB START 10:30 AM	JOB FINISH 11:30 AM
LEASEE <i>McCurry</i>	WELL # 2	LOCATION <i>Hay 4 + 281 Jct 3 W 1/2 N 1/4</i>		COUNTY <i>Barton</i>	STATE <i>KANSAS</i>		
OLD OR NEW (Circle one)							

CONTRACTOR *Southwind Drilling Rig #3*  
 TYPE OF JOB *Long string*  
 HOLE SIZE *7 7/8* T.D. *3474*  
 CASING SIZE *5 1/2 New* DEPTH *3470*  
 TUBING SIZE *1 1/4* DEPTH  
 DRILL PIPE DEPTH  
 TOOL LATCH *Down Plug Assy* DEPTH *3439*  
 PRES. MAX *1500* MINIMUM  
 MEAS. LINE SHOE JOINT *31.30*  
 CEMENT LEFT IN CSG *31.30*  
 PERFS.  
 DISPLACEMENT *83.91 / BBL*

OWNER  
 CEMENT AMOUNT ORDERED *160 SX 60% 1/40 2 1/2 GEL*  
*10% SALT 1/4" F10 Seal*  
*1500 GAL WFR-2 mud flush*  
 COMMON *96* @ *13.50* *1296.00*  
 POZMIX *64* @ *7.55* *483.20*  
 GEL *3* @ *20.25* *60.75*  
 CHLORIDE @  
 ASC @  
*Salt 6.93# 13* @ *21.25* *276.25*  
 HANDLING *160* @ *2.25* *360.00*  
 MILEAGE *514/mj. 10* *320.00*  
 TOTAL *2796.00*

EQUIPMENT

PUMP TRUCK: CEMENTER *Galen*  
 # *417* HELPER *MATT*  
 BULK TRUCK  
 # *200* DRIVER *Galen GB*  
 BULK TRUCK  
 # DRIVER

REMARKS:

*Run 83 JTS 14" New CSG Set @ 3470*  
*circulate on bottom 45 min. Plug Release*  
*w/ 30 SX Cement, Pump 1,000 GAL WFR-2 FLUSH*  
*4 Cement w/ 130 SX 60% 1/40 2 1/2 GEL, 10% SALT, 1/4" F10 Seal*  
*Clear Line, + Displace 83 1/2 BBL / 1/2 LAND*  
*Plug @ 1500 ft, Released Pressure +*  
*LATCH Down Plug "Hold"*  
*700# Lifting Pressure*

SERVICE

DEPTH OF JOB  
 PUMP TRUCK CHARGE @ *1957.00*  
 EXTRA FOOTAGE @  
 MILEAGE *20* @ *7.00* *140.00*  
 MANIFOLD *yes* @  
 RECEIVED  
 JAN 11 2010  
 TOTAL *2097.00*

CHARGE TO: *MAI Oil Operations Inc.*

STREET  
 CITY STATE ZIP

WICHITA  
 PLUG & FLOAT EQUIPMENT

1- FLOAT Shoe Assy *101.00*  
 1- LATCH Down Plug Assy @ *112.00*  
 12- Turbo Centralizers @ *42.00* *504.00*

To Allied Cementing Co., LLC  
 You are hereby requested to rent cementing equipment