



KANSAS CORPORATION COMMISSION 1081986
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259
Name: Mai Oil Operations, Inc.
Address 1: 8411 PRESTON RD STE 800
Address 2: _____
City: DALLAS State: TX Zip: 75225 + 5520
Contact Person: Allen Bangert
Phone: (214) 219-8883
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Ji9m Musgrove
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

03/20/2012	03/26/2012	03/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23784-00-00

Spot Description: _____
SW SE SW NW Sec. 11 Twp. 15 S. R. 14 East West

2375 Feet from North / South Line of Section

935 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Russell

Lease Name: Flegler 'D' Unit Well #: 1

Field Name: _____

Producing Formation: N/a

Elevation: Ground: 1781 Kelly Bushing: 1789

Total Depth: 3280 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 392 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: 50000 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrisor Date: 05/21/2012



1081986

Operator Name: Mai Oil Operations, Inc. Lease Name: Flegler 'D' Unit Well #: 1
 Sec. 11 Twp. 15 S. R. 14 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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input 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>Tarkio Lime</td> <td>2410</td> <td>-621</td> </tr> <tr> <td>Topeka</td> <td>2685</td> <td>-896</td> </tr> <tr> <td>Heebner</td> <td>2913</td> <td>-1124</td> </tr> <tr> <td>Toronto</td> <td>2932</td> <td>-1143</td> </tr> <tr> <td>Lansing</td> <td>2976</td> <td>-1187</td> </tr> <tr> <td>Base Kansas City</td> <td>3182</td> <td>-1393</td> </tr> <tr> <td>Arbuckle</td> <td>3273</td> <td>-1484</td> </tr> </table>	Name	Top	Datum	Tarkio Lime	2410	-621	Topeka	2685	-896	Heebner	2913	-1124	Toronto	2932	-1143	Lansing	2976	-1187	Base Kansas City	3182	-1393	Arbuckle	3273	-1484
Name	Top	Datum																							
Tarkio Lime	2410	-621																							
Topeka	2685	-896																							
Heebner	2913	-1124																							
Toronto	2932	-1143																							
Lansing	2976	-1187																							
Base Kansas City	3182	-1393																							
Arbuckle	3273	-1484																							

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	12.25	8.625	20	392	60-40 POZ	225	2% Gel, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— 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

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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Fleger 'D' Unit #1
2375' FNL & 935' FWL
Section 11-15s-14w
Russell County, Kansas
Page 1

Dry and Abandoned

Contractor: Southwind Drilling Company (Rig #3)

Commenced: February 20, 2012

Completed: March 26, 2012

Elevation: 1789' K.B; 1787' D.F; 1781' G.L.

Casing program: Surface; 8 5/8" @ 392'
Production; none.

Sample: Samples saved and examined 2200' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2200 ft to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Formation Tests: There was one (1) Drill Stem Test ran by Trilobite Testing Co.

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Grand Haven	2341	-552
1 st Tarkio Sand	2352	-563
Dover	2369	-580
2 nd Tarkio Sand	2376	-587
Tarkio Lime	2410	-621
Willard	2428	-639
3 rd Tarkio Sand	2432	-643
Elmont	2473	-684
Howard	2604	-815
Topeka	2685	-896
Heebner	2913	-1124
Toronto	2932	-1143
Lansing	2976	-1187
Base Kansas City	3182	-1393
Conglomerate	3236	-1447
Arbuckle	3273	-1484
Rotary Total Depth	3280	-1491

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

1ST TARKIO SAND SECTION

2352-2362' Sand; gray, very fine grained, micaceous, friable, fair intergranular porosity, poor stain, no show of free oil and faint odor in fresh samples.

2ND TARKIO SAND SECTION

2376-2390' Sand; gray, tan, fine grained, well rounded, fair sorting, micaceous, no shows and faint odor in fresh samples.

LANSING SECTION

2976-2986' Limestone; cream, tan, finely fossiliferous/oolitic, light brown spotty stain, no free oil and gassy odor in fresh samples.

3000-3005' Limestone; cream, tan, finely crystalline, oolitic, poor porosity, light brown stain, no free oil and faint odor in fresh samples.

3017-3022' Limestone; white, cream, oolitic, sub oomoldic, scattered porosity, no stain, no free oil and faint odor in fresh samples.

3030-3036' Limestone; cream, gray, finely crystalline, oolitic, poor porosity, chalky, increasingly cherty, no shows.

3050-3055' Limestone; cream, tan, finely crystalline, slightly oolitic, poor porosity, brown stain, no free oil and fair odor in fresh samples.

3060-3065' Limestone; as above.

3071-3078' Limestone; tan, cream, finely crystalline, oolitic, oomoldic, scattered porosity, light brown stain, no free oil and no odor in fresh samples.

3100-3111' Limestone; tan, white, finely crystalline, oolitic, oomoldic, chalky, no shows.

3124-3132' Limestone; tan, gray, finely crystalline, oolitic, fossiliferous, cherty, trace brown stain, no free oil and no odor in fresh samples.

3140-3146' Limestone; tan, chalky, poor porosity, no shows.

3156-3167' Limestone; tan, oolitic, oomoldic, fair oomoldic porosity, trace brown stain, no free oil and fair odor in fresh samples.

3206-3212' Limestone; tan, finely crystalline, oolitic, scattered pinpoint porosity, brown stain, no free oil and faint odor in fresh samples.

CONGLOMERATE SECTION

3237-3272' Varied colored chert; boney and opaque plus red, brick red, gray shale.

Mai Oil Operations
Flegler 'D' Unit #1
2375' FNL & 935' FWL
Section 11-15s-14w
Russell County, Kansas
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ARBUCKLE SECTION

3273-3280' Dolomite; white/gray, medium and coarse crystalline, poor to fair intercrystalline porosity, poor dark brown and black stain, trace of free oil and fair odor in fresh samples.

Drill Stem Test #1 3213-3280'

Times: 30-30-30-30

Blow: Strong

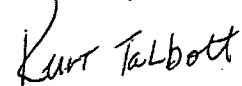
**Recovery: 10' clean oil
120' very slightly oil cut water
1500' water**

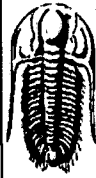
**Pressures: ISIP 1040 psi
FSIP 1019 psi
IFP 109-541 psi
FFP 557-792 psi
HSH 1597-1583 psi**

Recommendations:

The Flegler 'D' Unit #1 was plugged and abandoned at the Rotary Total Depth 3280.

Respectfully submitted;


Kurt Talbott,
Petroleum Geologist



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mei Oil Operations Inc
8411 Preston Rd
Ste 800
Dallas Texas 75225-5520
ATTN: Kurt Mai

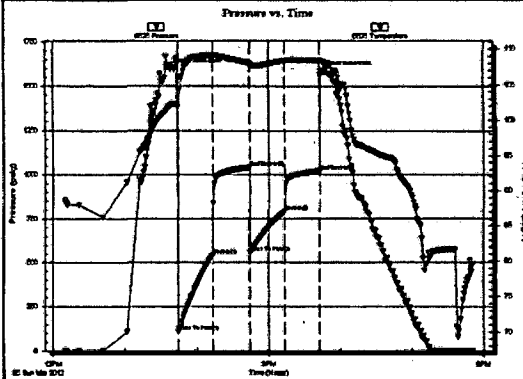
11-16s-14w Russell
Flegler Unit D #1
Job Ticket: 46273 DST#: 1
Test Start: 2012.03.25 @ 12:10:05

GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:44:30
Time Test Ended: 17:50:59
Interval: 3213.00 ft (KB) To 3280.00 ft (KB) (TVD)
Total Depth: 3280.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1789.00 ft (KB)
1781.00 ft (CF)
KB to GRV/CF: 8.00 ft

Serial #: 6625 Inside
Press@RunDepth: 792.03 psig @ 3219.00 ft (KB)
Start Date: 2012.03.25
Start Time: 12:10:05
Capacity: 8000.00 psig
Last Calib.: 2012.03.25 @ 13:41:00
Time On Btm: 2012.03.25 @ 17:50:59
Time Off Btm: 2012.03.25 @ 15:47:00

TEST COMMENT: 30-FP-strg bl in 1min
30-ISP-no bl
30-FFP-strg bl in 7min
30-FSP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.52	102.17	Initial Hydro-static
4	109.24	101.90	Open To Flow (1)
32	540.61	109.04	Shut-In(1)
63	1040.07	108.07	End Shut-In(1)
64	557.36	107.91	Open To Flow (2)
93	792.03	108.33	Shut-In(2)
122	1019.32	108.30	End Shut-In(2)
126	1583.20	108.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CO	0.01
120.00	SOCMW 1%O25%M74%W	1.68
1500.00	Water	21.04

Gas Rates

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

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 5259
Name: MAI OIL OPERATIONS, INC
Address 1: 8411 PRESTON RD, STE 800
Address 2: _____
City: DALLAS State: TX Zip: 75225 + 5520
Contact Person: ALLEN BANGERT
Phone: (214) 219-8883
Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
Is ACO-1 filed? Yes No If not, is well log attached? Yes No
Producing Formation(s): List All (If needed attach another sheet)
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15 - 15-167-23784-00-00
Spot Description: _____
SW SE SW NW Sec. 11 Twp. 15 S. R. 14 East West
2,375 Feet from North / South Line of Section
935 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: RUSSELL
Lease Name: FLEGLER "D" UNIT Well #: 1
Date Well Completed: 3/26/12
The plugging proposal was approved on: 3/24/12 (Date)
by: CASE MORRIS (KCC District Agent's Name)
Plugging Commenced: 3/25/12
Plugging Completed: 3/26/12

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Puffed Out
		SURFACE	8 5/8	392	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugged well with 170 sacks of 60/40 Poz, 4% gel, 1/4# flo-seal per sack, 1st plug @ 3253' with 25 sacks, 2nd plug @ 825' with 25 sacks, 3rd plug @ 450' with 80 sacks, 4th plug @ 40' to surface with 10 sacks, 30 sacks for rat hole, by Allied (Ticket #56366), job was complete @ 12:30 am on 3/26/2012.

Plugging Contractor License #: 33350 Name: SOUTHWIND DRILLING, INC
Address 1: 8 NORTH MAIN Address 2: PO BOX 276
City: ELLINWOOD State: KANSAS Zip: 67526 + _____
Phone: (620) 564-3800

Name of Party Responsible for Plugging Fees: MAI OIL OPERATIONS, INC
State of KANSAS County, BARTON, ss.

JILL WAHLMEIER Employee of Operator or Operator on above-described well.
(Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: _____

Mall to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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

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

No. 5478

Date	3-21-12	Sec.	11	Twp.	15	Range	14	County	Russell	State	Ks	On Location		Finish	1:30 AM	
Lease	Flegler D			Well No.	1		Location					Russell, Ks - S to Walters Rd,				
Contractor	Southwind #3			Owner					SE Saw to Rig							
Type Job	Surface			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.												
Hole Size	12 1/4"			T.D.	392'		Charge To					Moi oil operations				
Csg.	8 5/8"			Depth	392'		Street									
Tbg. Size				Depth			City					State				
Tool				Depth			City					State				
Cement Left in Csg.	20'			Shoe Joint	20'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line				Displace	235 BLS		Cement Amount Ordered					225 x 60/40 200 3%U				
EQUIPMENT																
Pumptrk	15	No.		Cement	Cisco		2%Gul					Common				135
Bulktrk	10	No.		Helper	Levy		Poz. Mix					90				
Driver	Rick			Gel.					4							
JOB SERVICES & REMARKS													Calcium			9
Remarks:	Flegler D unit #1											Hulls				
Rat Hole												Salt				
Mouse Hole												Flowseal				
Centralizers												Kol-Seal				
Baskets												Mud CLR 48				
D/V or Port Collar												CFL-117 or CD110 CAF 38				
Cement did Circulate													Sand			
													Handling			235
													Mileage			
FLOAT EQUIPMENT																
													Guide Shoe			
													Centralizer			
													Baskets			
													AFU inserts			
													Float Shoe			
													Latch Down			
													1- wooden plug			
													Pumptrk Charge			Surface
													Mileage			10
Signature													Joy Shrew			
													Tax			
													Discount			
													Total Charge			

