

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

11/5/12

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: _____

KCC

NOV 05 2010

CONFIDENTIAL

RECEIVED

NOV 05 2010

KCC WICHITA

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 #: _____

09/27/2010 10/02/2010 10/02/2010

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 053-21249-0000

Spot Description: _____

N/2 SW NE SW Sec. 35 Twp. 14 S. R. 10 East West

1,850 Feet from North / South Line of Section

1,650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Ellsworth

Lease Name: Diabal Well #: 1

Field Name: Wildcat

Producing Formation: N/A

Elevation: Ground: 1607' Kelly Bushing: 1615'

Total Depth: 3120' Plug Back Total Depth: 3120'

Amount of Surface Pipe Set and Cemented at: 333 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: 70000 ppm Fluid volume: 200 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: 11/04/2010

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 11/5/10 - 11/5/12

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

NOV 05 2010

Operator Name: Mai Oil Operations, Inc. Lease Name: Dlabal Well #: 1
 Sec. 35 Twp. 14 S. R. 10 East West County: Ellsworth **CONFIDENTIAL**

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	409'	+1206
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2343'	-728
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	2596'	-981
List All E. Logs Run:		Toronto	2614'	-999
CNFD, DIL, Micro, Sonic		Lansing	2710'	-1095
		Base Kansas City	2988'	-1373
		Arbuckle	3081'	-1466

CASING RECORD <input type="checkbox"/> New <input checked="" 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#	333'	60-40 POZ	180	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 <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	KCC WICHITA
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: _____ _____
--	--	---

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

QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67065 2010

No. 4251

Date	9-27-10	Sec.	35	Twp.	14	Range	10	County	Ellsworth	State	KS	On Location		Finish	7:15 PM
------	---------	------	----	------	----	-------	----	--------	-----------	-------	----	-------------	--	--------	---------

Lease Diabol Well No. #1 Location: Wilson, KS - 5 E to 5th Rd, 1/2 S

Contractor Southwind #3 Owner to Rd G, 1/2 E N/2

Type Job Surface Casing 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. 333' Charge To Mai oil operations

Csg. 8 5/8" Depth 333'

Tbg. Size _____ Depth _____ Street _____

Tool _____ Depth _____ City _____ State _____

Cement Left in Csg. 15' Shoe Joint 15' The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line _____ Displace 20 BBLs Cement Amount Ordered 180 sx 60/40 3% CC 2% Gel

EQUIPMENT

Pumptrk	9	No.	Cementer		10 #1's Sugar
			Helper	<u>Neale</u>	Common <u>108</u>

Bulktrk	8	No.	Driver		Poz. Mix <u>72</u>
			Driver	<u>Doug</u>	

Bulktrk	p.u.	No.	Driver		Gel. <u>3</u>
			Driver	<u>Rick</u>	

JOB SERVICES & REMARKS

Remarks: Cement did Circulate 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 _____

Sand _____

Handling 189 Mileage _____

FLOAT EQUIPMENT

Guide Shoe _____ RECEIVED

Centralizer _____ NOV 05 2010

Baskets _____ KCC WICHITA

AFU Inserts _____

Float Shoe _____

Latch Down _____

1- wooden plug

Pumptrk Charge Surface Tax _____

Mileage 26 Discount _____

Signature Joy Shrin Total Charge _____

ALLIED CEMENTING CO., LLC. 041917

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

NOV 05 2010

SERVICE POINT: Russell

CONFIDENTIAL

DATE <u>10/2/10</u>	SEC. <u>35</u>	TWP. <u>14</u>	RANGE <u>10</u>	CALLED OUT	ON LOCATION	JOB START <u>E.S.A.</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Dabul</u>	WELL # <u>1</u>	LOCATION <u>Wilson SE 1/4 S 1/2 E Ellsworth</u>			COUNTY <u>Ellsworth</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)				<u>NEW</u>			

CONTRACTOR Southwind Drilling Rj #2 OWNER

TYPE OF JOB RTA

HOLE SIZE <u>7 7/8</u>	T.D. <u>3120</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3073'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT

AMOUNT ORDERED 190 60/4.496-1
11" Fl. Seal

COMMON	<u>114</u>	@	<u>13.50</u>	<u>1531.00</u>
POZMIX	<u>76</u>	@	<u>7.55</u>	<u>573.80</u>
GEL	<u>6</u>	@	<u>20.25</u>	<u>121.50</u>
CHLORIDE		@		
ASC		@		
<u>Fl. Seal</u>	<u>470</u>	@	<u>2.45</u>	<u>1151.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>190</u>	@	<u>2.25</u>	<u>427.50</u>
MILEAGE	<u>120/6.00</u>			<u>720.00</u>
				TOTAL <u>3800.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Shane</u>
# <u>412</u>	HELPER <u>Heath</u>
BULK TRUCK	
# <u>410</u>	DRIVER <u>Don Sid Tws</u>
BULK TRUCK	
#	DRIVER

REMARKS:

1st 3073' 35 sks
2nd 1175' 35 sks
3rd 850' 35 sks
4th 383' 35 sks
5th 60' 25 sks
Rel Hole 25 sks

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>990.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>20</u> @ <u>7.00</u> <u>140.00</u>
MANIFOLD	RECEIVED
NOV 05 2010	
KCC WICHITA	
TOTAL <u>1130.00</u>	

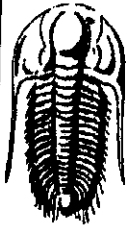
CHARGE TO: Ma Oil Operations
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
<u>Dry Hole Plug</u>	@	<u>00.00</u>
	@	

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

Thanks



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Oper. Inc.
8411 Preston Rd.
Ste 800
Dallas TX 75225-5520
ATTN: Kitt Noah

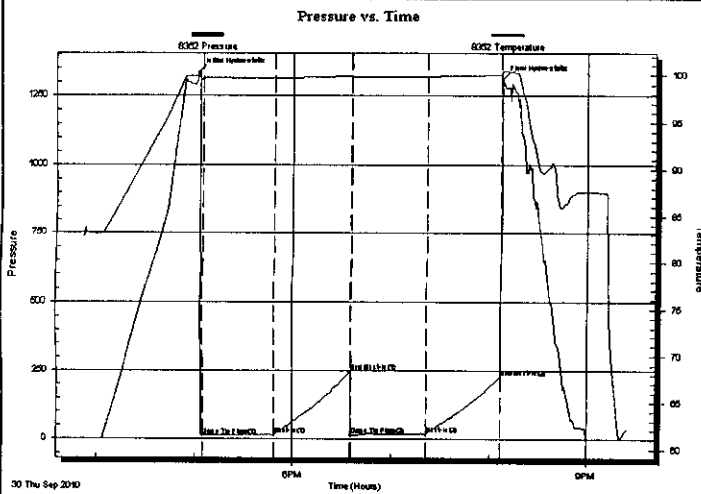
Diabal #1
35-14-10Ellsworth,KS
Job Ticket: 040398 DST#: 1
Test Start: 2010.09.30 @ 15:52:05

GENERAL INFORMATION:

Formation: **Lans.30' zn.**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 17:05:10
Time Test Ended: 21:25:20
Interval: **2722.00 ft (KB) To 2750.00 ft (KB) (TVD)**
Total Depth: **2750.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Andy Carreira**
Unit No: **31**
Reference Elevations: **1615.00 ft (KB)**
1607.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8352 **Outside**
Press@RunDepth: **18.92 psig @ 2723.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.09.30** End Date: **2010.09.30** Last Calib.: **2010.09.30**
Start Time: **15:52:05** End Time: **21:25:20** Time On Btm: **2010.09.30 @ 17:02:00**
Time Off Btm: **2010.09.30 @ 20:07:30**

TEST COMMENT: IF: BOB in 20 min
IS: No return
FF: BOB immediately
FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1333.37	99.93	Initial Hydro-static
4	12.04	99.70	Open To Flow (1)
47	14.47	99.71	Shut-In(1)
93	247.97	99.91	End Shut-In(1)
94	15.98	99.81	Open To Flow (2)
140	18.92	99.84	Shut-In(2)
185	226.05	100.01	End Shut-In(2)
186	1308.98	100.44	Final Hydro-static

NOV 05 2010
CONFIDENTIAL

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GOCM g=5% o=10% m=85%	0.28
0.00	475' GIP	0.00

Gas Rates

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

RECEIVED
NOV 05 2010
KCC WICHITA

NOV 05 2010

