



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1075924
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1075924

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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
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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 <i>(Explain)</i> _____
---	--

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Frost 1
Doc ID	1075924

Tops

Name	Top	Datum
Heebner	2034	-725
Douglas	2063	-754
Lansing	2241	-932
Kansas City	2406	-1097
Mississippian	2881	-1572
Kinderhook	3184	-1875
Hunton	3321	-2012
Maquoketa Dolo	3416	-2107
Viola	3477	-2168
Simpson Dolo	3567	-2271

JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations Inc
Frost #1
SW-SE-NW-SW
Section 25-15s-4w
Saline County, Kansas
Page No. 1

Dry and Abandoned

- Contractor:** Southwind Drilling Company (Rig #3)
- Commenced:** November 25, 2011
- Completed:** December 2, 2011
- Elevation:** 1309' K.B.; 1307' D.F.; 1301' G.L.
- Casing Program:** Conductor; 13 5/8" @100'
Surface; 8 5/8" @ 403'
Production; none.
- Samples:** Samples saved and examined 2100' to the Rotary Total Depth.
- Drilling Time:** One (1) foot drilling time recorded and kept 2100' to the Rotary Total Depth.
- Measurements:** All depths measured from the Kelly Bushing.
- Drill Stem Tests:** There were three (3) Drill Stem Tests ran by Trilobite Testing Company.
- Electric Log:** By Superior Well Services;

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Heebner	2034	-725
Douglas	2063	-754
Lansing	2241	-932
Kansas City	2406	-1097
Mississippian	2881	-1572
Kinderhook	3184	-1875
Hunton	3321	-2012
Maquoketa Dolomite	3416	-2107
Viola Limestone	3477	-2168
Simpson Dolomite	3567	-2258
Rotary Total Depth	3580	-2271
Log Total Depth	3581	-2272

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

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

LANSING THROUGH HUNTON SECTION

2241-3416' There were several zones of well-developed porosity encountered in the drilling of the Lansing through Hunton Section but no shows of oil and/or gas was noted. (See attached Drilling Time/Sample Log)

MAQUOKETA SECTION

3416-3418' Dolomite; gray and tan, fine and medium crystalline, shaley in part, scattered porosity, brown and light brown stain, show of free oil and faint odor, trace white and gray boney chert.

Drill Stem Test #1 **3412-3417' (Log measurements 3413-3418)**

Times: 30-30-30-30

Blow: Weak

Recovery: 15' heavy mud

-Misrun – plugged tool and anchor.

3418-3419' Dolomite; as above.

Drill Stem Test #2 **3412-3418' (Log measurements 3413-3419)**

Misrun – packer failure

3419-3422' Dolomite and chert as above.

Drill Stem Test #3 **3415-3421' (Log measurements 3416-3422)**

Times: 30-45-60-90

Blow: Weak to fair

Recovery: 215' muddy water

Pressures: ISIP 742 psi
FSIP 742 psi
IFP 15-50 psi
FFP 51-117 psi
HSH 1698-1663 psi

3422-3440' Dolomite; tan/gray, fine and medium crystalline, shaley in part, poor visible porosity, no shows.

3440-3477' Dolomite; gray, shaley, poor porosity, no shows.

VIOLA SECTION

3477-3500' Limestone; tan, white, chalky, plus white chalk, few dolomite, no shows.

3500-3567' Limestone; as above, scattered dolomitic limestone.

SIMPSON DOLOMITE SECTION

3567-3580' Dolomite; tan, brown, finely crystalline, sandy, poor visible porosity, no shows.

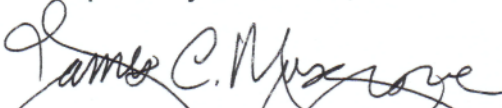
Mai Oil Operations Inc
Frost #1
SW-SE-NW-SW
Section 25-15s-4w
Saline County, Kansas
Page No. 3

Rotary Total Depth	3580
Log Total Depth	3581

Recommendations

The Frost #1 was plugged and abandoned at the Log Total Depth 3581 (-2272).

Respectfully submitted;



James C. Musgrove,
Petroleum Geologist

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 - 169-20331-00-00
Spot Description:
SW SE NW SW Sec. 25 Twp. 15 S. R. 4 East West
1,500 Feet from _____ North / South Line of Section
800 Feet from _____ East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Saline
Lease Name: Frost Well #: 1
Date Well Completed: 12/03/11
The plugging proposal was approved on: 11/30/11 (Date)
by: BJ Hope (KCC District Agent's Name)
Plugging Commenced: 12/02/11
Plugging Completed: 12/03/11

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	Pulled Out
		Surface	8 5/8	403	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 120 sacks of 60/40 Poz, 4% gel, 1/4# flo-seal, 1st plug @ 3410' with 35 sacks, 2nd plug @ 450' with 35 sacks, 3rd plug @ 60' with 25 sacks, 25 sacks for rat hole, by Allied (Ticket #34627), job was completed @ 1:00 am on 12/3/2011.

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: _____

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

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 124

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-25-11	25	17	4	Saline	Kansas		12:30PM
Lease Frost	Well No. 1		Location Smdan 25 2W 4N				
Contractor Southwind Drilling Rg 3				Owner			
Type Job Conductor				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 1 7/8	T.D. 100		Charge To Mai Oil Operations				
Csg. 13 3/8	Depth		Street				
Tbg. Size	Depth		City State				
Tool	Depth		City State				
Cement Left in Csg.	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace 1 7/8 (B)		Cement Amount Ordered 90 gal 30cc 2800				
EQUIPMENT							
Pumptrk 5	No.	Cementer Steve	Common 54				
Bulktrk 13	No.	Driver Brad	Poz. Mix 36				
Bulktrk	No.	Driver Michael	Gel. 2				
JOB SERVICES & REMARKS			Calcium 3				
Remarks:			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 95				
			Mileage				
FLOAT EQUIPMENT							
			Guide Shoe				
			Centralizer				
			Baskets				
			AFU Inserts				
			Float Shoe				
			Latch Down				
Thank You			Pumptrk Charge Conductor Surface				
			Mileage 87				
Signature Jay Shrin			Tax				
			Discount				
			Total Charge				

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 125

Cell 785-324-1041

Sec.	Twp.	Range	County	State	On Location	Finish
Date <u>11-25-11</u>			<u>Saline</u>	<u>Kansas</u>		<u>9:30am</u>
Lease <u>Frost</u>	Well No. <u>1</u>	Location <u>Smolan 25 2W 3N</u>				
Contractor <u>Southland Drilling Rig 3</u>	Owner		To Quality Oilwell Cementing, Inc.			
Type Job <u>Surface</u>	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 <u>12 1/2</u>	T.D. <u>403</u>	Charge To <u>Mai Oil Operations</u>				
Csg. <u>88</u>	Depth <u>401</u>	Street				
Tbg. Size	Depth	City		State		
Tool	Depth	City		State		
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace <u>24 1/2 Bbl</u>	Cement Amount Ordered <u>450 5x 60/40 38CC</u>				
EQUIPMENT						
Pumptrk <u>5</u>	No. Cementer Helper <u>Steve</u>	Common <u>60</u>				
Bulktrk <u>13</u>	No. Driver <u>Tim</u>	Poz. Mix <u>40</u>				
Bulktrk	No. Driver <u>Michael</u>	Gel. <u>2</u>				
JOB SERVICES & REMARKS						
Remarks:	Calcium <u>3</u>					
Rat Hole	Hulls					
Mouse Hole	Salt					
Centralizers	Flowseal					
Baskets	Kol-Seal					
D/V or Port Collar	Mud CLR 48					
	CFL-117 or CD110 CAF 38					
	Sand					
<u>Mix 100 5x down 88</u>	Handling <u>105</u>					
<u>Displace 24 1/2 Bbl</u>	Mileage					
<u>Shut in</u>			FLOAT EQUIPMENT			
	Guide Shoe					
	Centralizer					
	Baskets					
	AFU Inserts					
	Float Shoe					
	Latch Down					
	<u>88 Wood Plug</u>					
	Pumptrk Charge <u>Surface</u>					
	Mileage <u>87</u>					
	Tax					
	Discount					
X Signature <u>Jay Shrin</u>	Total Charge					

Allen Banger No. 0615 P. 1/1
Jay
 483-2169

ALLIED CEMENTING CO., LLC. 034627

Federal Tax I.D.# 20-6975804

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

SERVICE POINT:
Russell

DATE <u>12/2/10</u>	SEC. <u>35</u>	TWP. <u>15S</u>	RANGE <u>4W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00</u>	JOB FINISH <u>1:00</u>
LEASE <u>Front</u>	WELL# <u>14</u>	LOCATION <u>Solomon 25 2N</u>				COUNTY <u>Saline</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)		<u>NEW</u>					

KS 2-03 tax 11
7.3%

CONTRACTOR <u>Southern Drilling Ry 47</u>	OWNER
TYPE OF JOB <u>PT</u>	CEMENT
HOLE SIZE <u>2 1/2</u>	AMOUNT ORDERED <u>120 # 4804 HMC</u>
CASING SIZE	
TUBING SIZE	
DRILL PIPE <u>4 1/2</u>	
TOOL	
PRES. MAX	COMMON <u>72</u> @ <u>16.25</u> <u>1170.00</u>
MEAS. LINE	POZMIX <u>48</u> @ <u>6.50</u> <u>3120.00</u>
CEMENT LEFT IN CSG.	CEL <u>9</u> @ <u>21.25</u> <u>191.25</u>
PERFS	CHLORIDE
DISPLACEMENT	ASC
	<u>Fl. Seal 30 #</u> @ <u>2.70</u> <u>81.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>Shane</u> ①
<u>422</u> HELPER <u>Jay</u>
BULK TRUCK <u>Robert</u> ③
<u>422</u> DRIVER <u>Robby</u>
BULK TRUCK
DRIVER

HANDLING <u>(140)</u>	@ <u>Min</u>	<u>344.00</u>
MILEAGE <u>134/11/70</u>		<u>954.80</u>
		TOTAL <u>3042.80</u>

REMARKS:

<u>3 1/2'</u>	<u>3526</u>
<u>4 1/2'</u>	<u>3526</u>
<u>20'</u>	<u>2526</u>
<u>Blow Hole</u>	
<u>Blow Hole</u>	<u>2526</u>

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>HV 20</u>	@ <u>7.00</u>	<u>1400.00</u>
MANIFOLD	@	
<u>LV 70</u>	@ <u>4.00</u>	<u>280.00</u>

CHARGE TO: Man Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2020.00

PLUG & FLOAT EQUIPMENT

	@	
<u>2 1/2" 14' 1/2"</u>	@	<u>NC</u>
	@	
	@	

TOTAL _____

To Allied Cementing Co., LLC. *Mark!*
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if any)	<u>369.58</u>
TOTAL CHARGES	<u>5062.80</u>
DISCOUNT <u>20/50</u>	IF PAID IN 30 DAYS

PRINTED NAME Jay Krier
 SIGNATURE Jay Krier

D1530.00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

25-15s-4w Saline,KS
Frost #1
 Job Ticket: 44216 **DST#: 1**
 Test Start: 2011.11.30 @ 20:41:30

GENERAL INFORMATION:

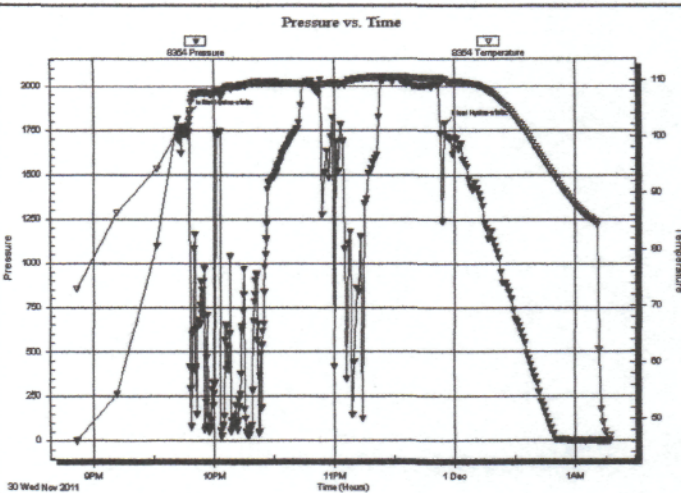
Formation: **Maqueketa**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened:
 Time Test Ended: 01:17:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 38
 Interval: **3412.00 ft (KB) To 3417.00 ft (KB) (TVD)**
 Total Depth: 3417.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 1309.00 ft (KB)
 1301.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: psig @ 3414.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.30 End Date: 2011.12.01 Last Calib.: 2011.12.05
 Start Time: 20:51:30 End Time: 01:17:00 Time On Btm: 2011.11.30 @ 21:47:40
 Time Off Btm: 2011.11.30 @ 23:55:00

TEST COMMENT: IF-Weak surface blow. Died @ 11 minutes. Flushed tool. Slid 1 foot. No blow.
 ISI-No Return. Slid 1 foot.
 FF-No Blow. Slid 1 foot.
 FSI-No Return.



PRESSURE SUMMARY

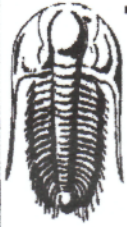
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1844.03	102.89	Initial Hydro-static
128	1788.02	110.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%Heavy Mud	0.21

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
ATTN: Jim Musgrove

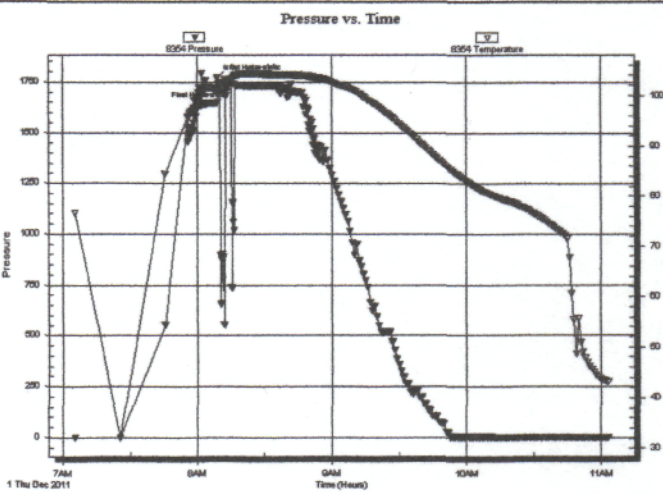
25-15s-4w Saline, KS
Frost #1
Job Ticket: 44217 **DST#: 2**
Test Start: 2011.12.01 @ 06:55:30

GENERAL INFORMATION:

Formation: **Maqueketa**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened:
Time Test Ended: **11:03:00**
Interval: **3412.00 ft (KB) To 3418.00 ft (KB) (TVD)**
Total Depth: **3418.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Dustin Rash**
Unit No: **38**
Reference Elevations: **1309.00 ft (KB)**
1301.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8354 **Inside**
Press@RunDepth: psig @ **3415.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.12.01** End Date: **2011.12.01** Last Calib.: **2011.12.01**
Start Time: **07:05:30** End Time: **11:03:00** Time On Btrr: **2011.12.01 @ 08:08:50**
Time Off Btrr: **2011.12.01 @ 08:16:40**

TEST COMMENT: **F-Packer Failure.**



PRESSURE SUMMARY

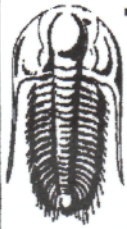
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.64	98.49	Initial Hydro-static
8	1738.08	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

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
ATTN: Jim Musgrove

25-15s-4w Saline,KS
Frost #1
Job Ticket: 44218 **DST#: 3**
Test Start: 2011.12.01 @ 16:32:30

GENERAL INFORMATION:

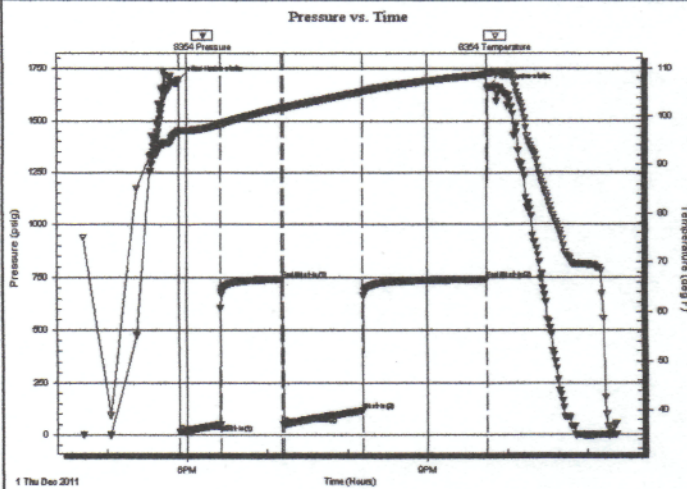
Formation: **Maqueketa**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:54:20
Time Test Ended: 23:21:00
Interval: **3415.00 ft (KB) To 3421.00 ft (KB) (TVD)**
Total Depth: 3421.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 38
Reference Elevations: 1309.00 ft (KB)
1301.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: 117.15 psig @ 3418.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.12.01 End Date: 2011.12.01 Last Calib.: 2011.12.01
Start Time: 16:42:30 End Time: 23:21:00 Time On Btmr: 2011.12.01 @ 17:54:00
Time Off Btmr: 2011.12.01 @ 21:46:00

TEST COMMENT: IF-Weak building blow. Built to 9 inches.
IS-No Return.
FF-Weak building blow. BOB in 50 minutes 30 seconds.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.94	97.15	Initial Hydro-static
1	14.52	96.69	Open To Flow (1)
31	50.11	98.36	Shut-In(1)
77	741.53	101.82	End Shut-In(1)
78	50.99	101.75	Open To Flow (2)
138	117.15	105.13	Shut-In(2)
231	741.69	108.73	End Shut-In(2)
232	1662.60	108.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	90%Water/10%Mud	3.02

Gas Rates

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

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
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<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 14, 2012

Allen Bangert
Mai Oil Operations, Inc.
8411 PRESTON RD STE 800
DALLAS, TX 75225-5520

Re: ACO1
API 15-169-20331-00-00
Frost 1
SW/4 Sec.25-15S-04W
Saline County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Allen Bangert