



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: Jim Musgrove
Purchaser:

Designate Type of Completion:

- Checkboxes for completion types: New Well, Re-Entry, Workover, Oil, Gas, OG, CM, Cathodic, WSW, D&A, ENHR, GSW, SWD, ENHR, SIGW, Temp. Abd., 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, Commingled, Dual Completion, SWD, ENHR, GSW
Permit #:
12/07/2011 12/19/2011 12/19/2011
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-151-22383-00-00
Spot Description: NE SW SE SE Sec. 35 Twp. 29 S. R. 14 East West
500 Feet from North / South Line of Section
845 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner: NE NW SE SW
County: Pratt
Lease Name: 3 Sisters Well #: 3
Field Name:
Producing Formation: Lansing
Elevation: Ground: 1964 Kelly Bushing: 1976
Total Depth: 4626 Plug Back Total Depth: 4570
Amount of Surface Pipe Set and Cemented at: 285 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: 41000 ppm Fluid volume: 150 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

- Checkboxes for office use: Letter of Confidentiality Received, Confidential Release Date, Wireline Log Received, Geologist Report Received, UIC Distribution, ALT I II III Approved by: Deanna Gantso Date: 04/13/2012



1078474

Operator Name: Mai Oil Operations, Inc. Lease Name: 3 Sisters Well #: 3  
 Sec. 35 Twp. 29 S. R. 14  East  West County: Pratt

**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 (Attach Additional Sheets)	<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:  CDNL, Micro, DIL				

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	17	13.375	54	285	60-40 POZ	300	
Production	7.875	5.5	14	4620	60-40 POZ	400	

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 (Amount and Kind of Material Used)	Depth
3	4141-45, 4054-58, 4034-38, 4006-10, 3976-80	3500 gal 20% HCL	

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4550</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>03/17/2012</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>10</u>	Gas Mcf	Water Bbls. <u>300</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	PRODUCTION INTERVAL: <u>3976-4145 O.A.</u>
<input type="checkbox"/> Other (Specify) _____		

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	3 Sisters 3
Doc ID	1078474

Tops

Topeka	3403	-1427
Heebner	3755	-1779
Toronto	3792	-1816
Douglas	3807	-1831
Brown Lime	3949	-1973
Lansing	3963	-1987
Marmaton	4360	-2384
Mississippian	4401	-2425
Simpson Sd	4436	-2460
Arbuckle	4481	-2505



PAGE	CUST NO	INVOICE DATE
1 of 1	1006003	12/13/2011
INVOICE NUMBER		
1718 - 90776109		

Pratt (620) 672-1201  
 MAI OIL OPERATIONS, INC.  
 8411 PRESTON ROAD STE 800 LB 38  
 DALLAS TX US 75225  
 ATTN:

LEASE NAME ~~Seeds~~ → 3 SISTERS #3  
 LOCATION KC 12/4/  
 COUNTY Barber  
 STATE KS  
 JOB DESCRIPTION Cement-New Well Casing/Pi  
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40406381	19905		Net - 30 days	01/12/2012
<b>For Service Dates: 12/08/2011 to 12/08/2011</b>				
0040406381				
171805603A Cement-New Well Casing/Pi 12/08/2011 13 3/8" C.P.				
60/40 POZ	300.00	EA	8.80	2,880.00 T
Calcium Chloride	774.00	EA	0.84	650.16 T
CaSoflake	75.00	EA	2.98	222.00 T
Heavy Equipment Mileage	40.00	MI	5.80	232.00 T
Blending & Mixing Service Charge	300.00	MI	1.12	336.00 T
Proppant and Bulk Delivery Charges	258.00	MI	1.28	330.24 T
Depth Charge; 0-500'	1.00	HR	800.00	800.00 T
Supervisor	1.00	HR	140.00	140.00 T
Unit Mileage Charge-Pickups, Vans & Cars	20.00	HR	3.40	68.00 T
PLEASE REMIT TO:			SEND OTHER CORRESPONDENCE TO:	
BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903		BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702		
			SUB TOTAL	2LS 5,650.40
			TAX	273.91
			INVOICE TOTAL	5,924.31



PAGE	CUST NO	INVOICE DATE
1 of 1	1005003	12/22/2011
INVOICE NUMBER		
1718 - 90785070		

Pratt (620) 672-1201  
 MAI OIL OPERATIONS, INC.  
 8411 PRESTON ROAD STE 800 LB 38  
 DALLAS  
 TX US 75225  
 ATTN:

LEASE NAME 3 Sisters 3  
 LOCATION  
 COUNTY Pratt  
 STATE KS  
 JOB DESCRIPTION Cement-New Well Casing/Pi  
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40409916	27463			Net - 30 days	01/21/2012
<b>For Service Dates: 12/20/2011 to 12/20/2011</b>					
0040409916					
171806498A Cement-New Well Casing/Pi 12/20/2011					
5 1/2" Longstring					
60/60 POZ		250.00	EA	8.88	2,172.50 T
60/40 POZ		150.00	EA	9.48	1,422.00 T
Celloflake		100.00	EA	2.92	292.30 T
Salt		3,092.00	EA	0.40	1,221.34 T
Mud Flush		1,000.00	EA	0.68	679.40 T
Latch Down Plug & Baffle 5 1/2" (Blue)		1.00	EA	318.00	318.00
Auto Fill Float Shoe 5 1/2" (Blue)		1.00	EA	284.40	284.40
Turbolizer 5 1/2" (Blue)		13.00	EA	88.90	1,129.70
5 1/2" Basket (Blue)		2.00	EA	229.10	458.20
Unit Mileage Charge-Pickups, Vans & Cars		20.00	HR	3.36	67.16
Heavy Equipment Mileage		80.00	MI	5.53	331.80
Proppant and Bulk Delivery Charges		340.00	MI	1.28	429.76
Depth Charge: 4001-5000'		1.00	HR	1,890.80	1,990.80
Blending & Mldng Service Charge		400.00	MI	1.11	442.40
Plug Container Utilization Charge		1.00	EA	197.80	197.80
Supervisor		1.00	HR	138.25	138.25
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		SUB TOTAL	11,573.50
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		TAX	422.49
PO BOX 841903		PO BOX 10460		INVOICE TOTAL	11,995.99
DALLAS, TX 75284-1903		MIDLAND, TX 79702			

James C. Muagrove

Geologist - Geologic

Inc. Inc.

(703) 527-1220

12141 Main St.

P.O. Box 118 • Stanton, NJ 07873

(620) 527-3643

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

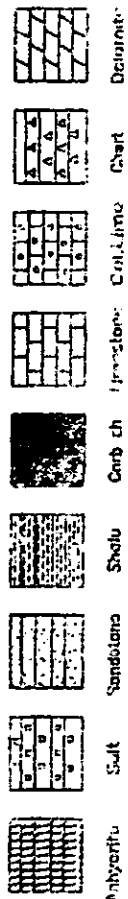
COMPANY <u>Mai Oil Operations</u>		ELEVATIONS	
LEASE <u>3 Sisters #3</u>		KB <u>1976</u>	
FIELD <u>Clara</u>		DF	
LOCATION <u>500' E 1/4 845' E 2E</u>		GL <u>1964</u>	
SEC <u>35</u>	TWP <u>29N</u>	Measurements Are All From <u>KB</u>	
COUNTY <u>Prott</u> STATE <u>Kansas</u>			
CONTRACTOR <u>Southwind Drilling Rig # 70</u>		CASING	
SPUD <u>12-7-11</u>	COMP <u>12-19-2011</u>	SURFACE <u>3 1/2" @ 285'</u>	
RTD <u>4625</u>	LTD <u>4626</u>	PRODUCTION <u>5 1/2" @ 4625</u>	
MUD UP <u>3400</u>	TYPE MUD <u>chemical displaced</u>	ELECTRICAL SURVEYS	
		By Superior Well Services DIP, COL/CUL, PG, MML.	
SAMPLES SAVED FROM <u>3400</u> TO			
DRILLING TIME KEPT FROM <u>3400</u> TO		RTD	
SAMPLES EXAMINED FROM <u>3400</u> TO			
GEOLOGICAL SUPERVISION FROM <u>3850</u> TO			
GEOLOGIST ON WELL <u>Krist Talbot</u>			
FORMATION TOPS	LOG	SAMPLES	
Topoka	3403 - 1427	Superior 1465 - 2489	
Heebner	3755 - 1779	Delmonte	
Tomato	3792 - 1816		
Davilas	3807 - 1831	Drucke 4481 - 2505	
Brown Lime	3949 - 1973	RTD 4625 - 2649	
Transing	3963 - 1987	LTD 4626 - 2650	
Base Kansas City	4331 - 2365		
Marmaton	4360 - 2384		
Mississippian	4401 - 2425		
Simpson Shale	4421 - 2443		
Simpson Sand	4436 - 2460		

REMARKS

7305

See typed report for recommendations.  
Respectfully submitted,  
Krist Talbot  
Petroleum Geologist

### LEGEND



DRILLING TIME

31

100 7702

Anhydrite    Soft    Sandstone    Shale    Carb ch    Limestone    Col. Lime    Chert    Dolomite

LITHOLOGY	DEPTH	DRILLING TIME (Logarithmic Scale)											SAMPLE DESCRIPTIONS	REMARKS			
		.5	1	2	3	4	5	10	15	20	30						
	500																
	20																KB 196
	40																
	60																
	80																
	300																
	20																
	40																
	60																

5000

19- Limestone from 101-902

101-902

101-902

101-902

Poor samples

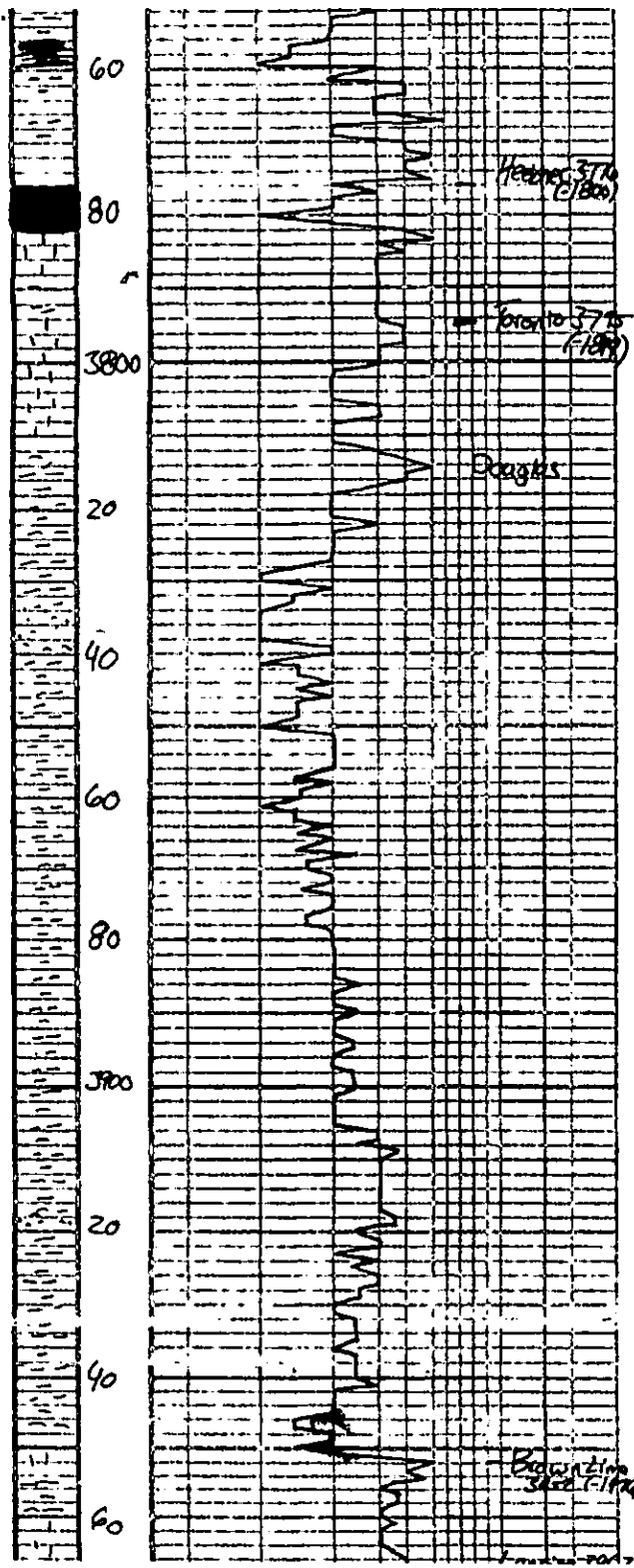
Poor Sample - Shale Abundant

Poor Samples - Shales -

Poor Sample - Poor Shales Abundant







gry blk sh carb

blk carb sh

ls congl/blk sh maly  
 scattered

shale - gry silty mica  
 some dry

sh

sand - silty mica  
 well cemented

sh - silty soft

sand - sh partly sorted well cemented

shale - gry silty soft

shale - sh

sh - ls congl silty mica  
 clayey

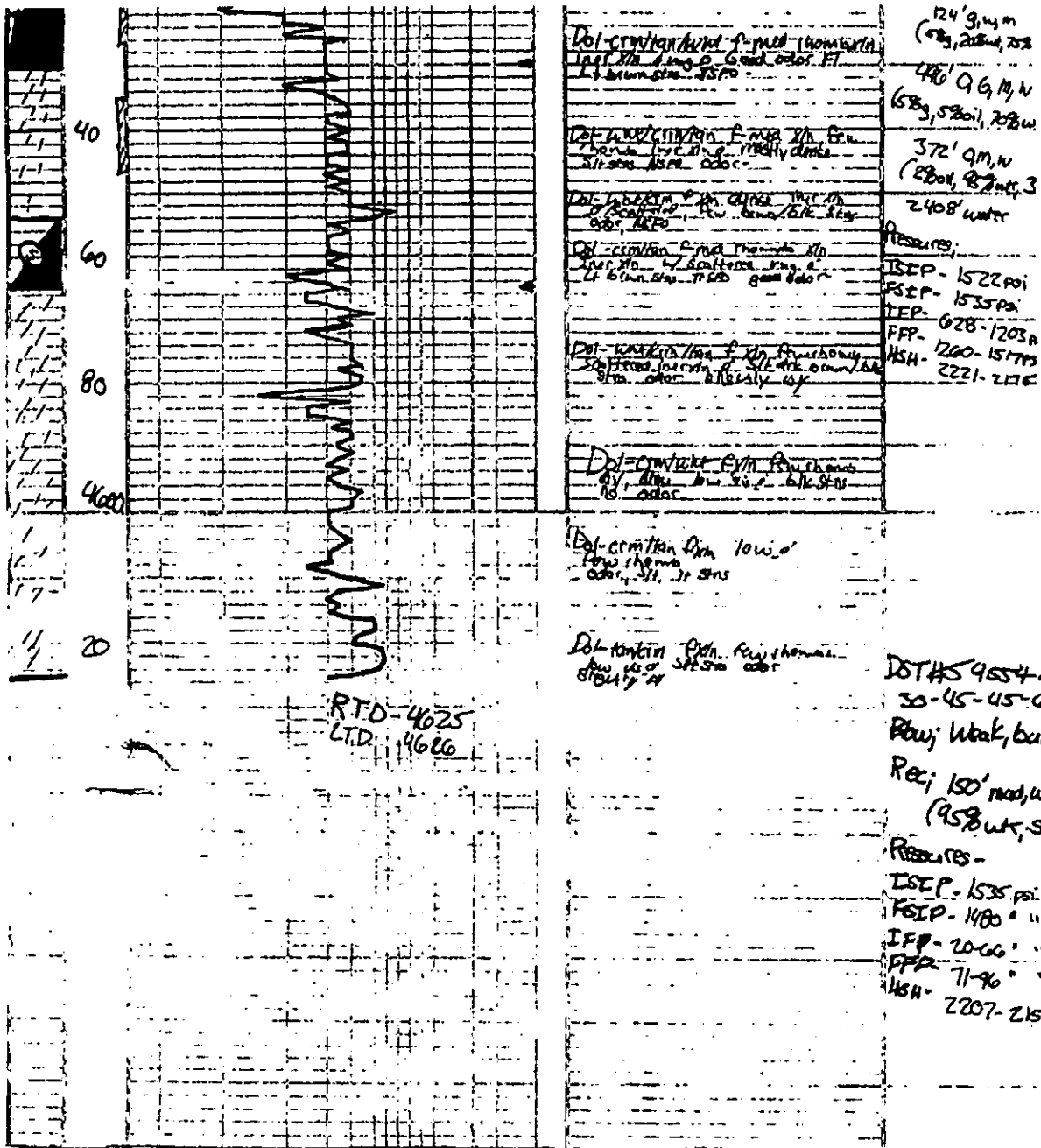
shale - gry silty mica

sh - gry silty soft  
 ls congl silty mica









RTD-4625  
LTD-4666

DST#5 4554-  
50-45-45-6  
Raj; weak, but  
Rec; 150' mod. u  
(958' wt, s  
Pressures -  
ISEP - 1535 psi  
FSEP - 1480 " "  
IFP - 20-60 " "  
FFP - 71-90 " "  
MSH - 2207-215



**TRIBBLE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Mal Oil Operations Inc

35-29a-14w Pratt, KS

8411 Preston Road STE 800  
Dallas TX 75225-5520

3 Sisters #3

Job Ticket: 44114

DST#: 1

ATTN: Allen Bangerl/ Kurt

Test Start: 2011.12.13 @ 05:43:39

**GENERAL INFORMATION:**

Formation: Lansing

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:18:09

Time Test Ended: 14:23:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 34

Interval: 4001.80 ft (KB) To 4020.00 ft (KB) (TVD)

Total Depth: 4020.00 ft (KB) (TVD)

Hole Diameter: 7.88 Inches Hole Condition: Fair

Reference Elevations: 1976.00 ft (KB)

1864.00 ft (CF)

KB to GRCP: 12.00 ft

Serial #: 8168

Outside

Press@RunDepth: 41.77 psig @ 4002.00 ft (KB)

Start Date: 2011.12.13

End Date:

2011.12.13

Start Time: 05:43:44

End Time:

14:23:24

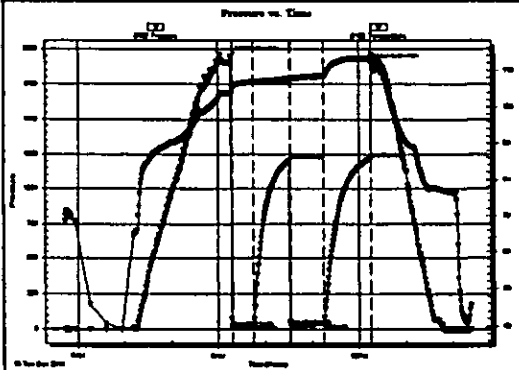
Capacity: 8000.00 psig

Last Calib.: 2011.12.13

Time On Btm: 2011.12.13 @ 09:18:24

Time Off Btm: 2011.12.13 @ 12:16:39

**TEST COMMENT:** IF: Strong blow BOB 30 sec  
IS: No blow back  
FP: Strong blow BOB 2 sec GTS 40 min  
FS: No blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1947.50	103.88	Initial Hydro-static
2	18.50	105.40	Open To Flow (1)
29	30.18	108.63	Shut-In (1)
75	1204.35	107.60	End Shut-In (1)
77	25.83	107.68	Open To Flow (2)
119	41.77	108.37	Shut-In (2)
179	1217.27	113.25	End Shut-In (2)
181	1895.79	114.27	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	4011' GP	0.00
62.00	Gassy Mud 20% gas 80% mud	0.30

**Gas Rates**

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



**TRIBBLE TESTING, INC.**

**DRILL STEM TEST REPORT**

Mbl Oil Operations Inc

35-29a-14w Pratt, KS

6411 Preston Road STE 800  
Dallas TX 75225-5520

3 Staters #3

Job Ticket: 44114

DBTP: 2

ATTN: Allen Banger/ Kurt

Test Start: 2011.12.14 @ 14:44:51

**GENERAL INFORMATION:**

Formation: Lansing

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:28:08

Time Test Ended: 23:59:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 34

Interval: 4106.80 ft (KB) To 4120.00 ft (KB) (TVD)

Total Depth: 4120.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1976.00 ft (KB)

1984.00 ft (CF)

KB to GRVC: 12.00 ft

Serial #: 6773

Outside

Press@RunDepth: 214.67 psig @ 4107.00 ft (KB)

Start Date: 2011.12.14

End Date:

2011.12.14

Start Time: 14:44:58

End Time:

23:59:08

Capacity:

8000.00 psig

Last Calib.:

2011.12.15

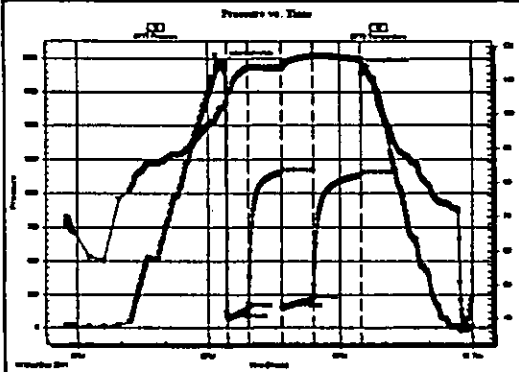
Time On Btm

2011.12.14 @ 18:24:21

Time Off Btm

2011.12.14 @ 21:29:51

TEST COMMENT: IF: Strong blow BOB 2 min  
IS: No blow back  
FF: Strong blow BOB 8 min  
FS: Weak surface blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.22	103.09	Initial Hydro-static
2	67.32	105.91	Open To Flow (1)
31	145.21	113.50	Shut-In(1)
75	1153.86	113.47	End Shut-In(1)
77	143.18	113.21	Open To Flow (2)
119	214.67	117.17	Shut-In(2)
184	1135.74	116.21	End Shut-In(2)
186	1926.30	114.60	Final Hydro-static

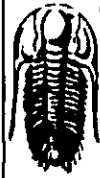
**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	1550' GIP	0.00
62.00	MV 50% M 50% W	0.30
258.00	MV 20% M 80% W	3.03

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Mal Oil Operations Inc

35-29e-14w Pratt, KS

8411 Preston Road STE 800  
Dallas TX 75225-6520

3 Sisters #3

Job Ticket: 44115

DST#: 3

ATTN: Allen Bangert/ Kurt

Test Start: 2011.12.16 @ 17:22:36

**GENERAL INFORMATION:**

Formation: Simpson

Deviated: No Whipstock ft (KB)

Time Tool Opened: 22:04:21

Time Test Ended: 02:13:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 34

Interval: 4408.00 ft (KB) To 4480.00 ft (KB) (TVD)

Total Depth: 4480.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1976.00 ft (KB)

1984.00 ft (CF)

KB to GRCF: 12.00 ft

Serial #: 8166 Outside

Press@RunDepth: 56.36 psig @ 4408.00 ft (KB)

Start Date: 2011.12.16

End Date: 2011.12.17

Start Time: 17:22:41

End Time: 03:13:21

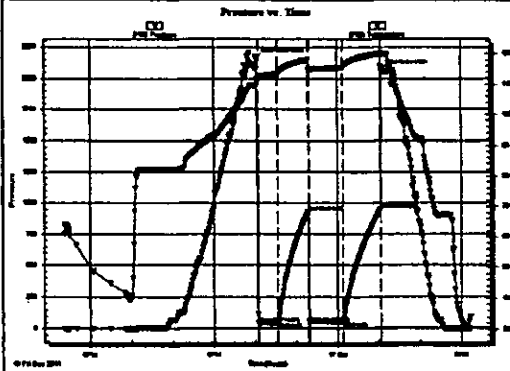
Capacity: 8000.00 psig

Last Calib.: 2011.12.17

Time On Btm: 2011.12.16 @ 22:02:08

Time Off Btm: 2011.12.17 @ 01:04:06

**TEST COMMENT:** F: Strong blow BOB 30 sec GTS 13 min (see gas flow report)  
IS: No blow back  
FF: Strong blow BOB 2 sec (see gas flow report)  
FS: Weak surface blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.78	108.74	Initial Hydro-static
3	46.55	111.80	Open To Flow (1)
31	50.72	113.31	Shut-in(1)
76	934.28	118.16	End Shut-in(1)
77	44.88	114.89	Open To Flow (2)
128	56.36	115.40	Shut-in(2)
181	948.80	120.12	End Shut-in(2)
182	2068.47	120.32	Final Hydro-static

**Recovery**

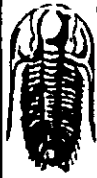
Length (ft)	Description	Volume (bbl)
0.00	4388' GP	0.00
150.00	GNOM 2% gas 18% w ater 80% mud	0.95

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	6.89
Last Gas Rate	0.13	2.00	6.14
Max. Gas Rate	0.13	18.00	11.38

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Mai Oil Operations Inc

35-29a-14w Pratt,KS

8411 Preston Road STE 800  
Dallas TX 75225+5620

3 Slaters #3

Job Ticket: 44116

DST#: 4

ATTN: Allen Banger/ Kurt

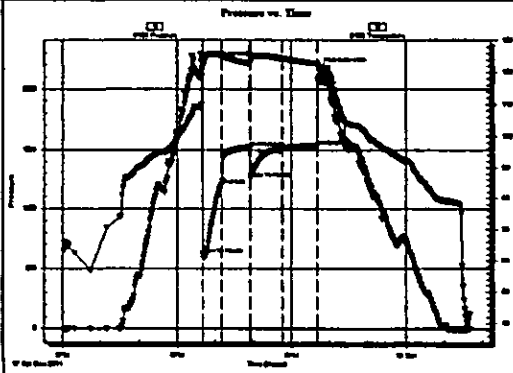
Test Start: 2011.12.17 @ 15:02:19

**GENERAL INFORMATION:**

Formation: Arbuckle  
 Deviated: No Whipstoc ft (KB)  
 Time Tool Opened: 18:40:49  
 Time Test Ended: 01:40:19  
 Interval: 4487.00 ft (KB) To 4530.00 ft (KB) (TVD)  
 Total Depth: 4530.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 Inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chris Staats  
 Unit No: 34  
 Reference Elevations: 1976.00 ft (KB)  
 1064.00 ft (CF)  
 KB to GRCP: 12.00 ft

Serial #: 8166 Outside  
 Press@RunDepth: 1517.68 psig @ 4488.00 ft (KB)  
 Start Date: 2011.12.17 End Date: 2011.12.18  
 Start Time: 15:02:24 End Time: 01:40:19  
 Capacity: 6000.00 psig  
 Last Calib.: 2011.12.18  
 Time On Btm: 2011.12.17 @ 18:39:04  
 Time Off Btm: 2011.12.17 @ 21:43:49

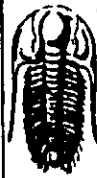
TEST COMMENT: IF: Strong blow BOB 30 sec GTS 8 min  
 IS: Strong blow back BOB 5 min  
 FP: Strong blow BOB 2 sec  
 F&I: Strong blow BOB 4 min



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.33	108.93	Initial Hydro-static
2	628.23	118.82	Open To Flow (1)
31	1203.70	125.63	Shut-In(1)
76	1522.96	122.74	End Shut-In(1)
77	1260.26	123.33	Open To Flow (2)
127	1517.68	124.36	Shut-In(2)
182	1535.49	122.90	End Shut-In(2)
185	2175.31	121.36	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
2408.00	Water	32.62
372.00	GMW 2% oil 10% mud 86% water	5.22
496.00	GMW 5% gas 5% oil 20% mud 70% water	6.98
124.00	GMW 5% gas 20% water 75% mud	1.74
0.00	4487 GIP	0.00

Gas Rates		
Core (Inches)	Pressure (psig)	Gas Rate (Mc/D)



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Mel Oil Operations Inc

35-29e-14w Pratt, KS

8411 Preston Road STE 800  
Dallas TX 75225-6520

3 Sisters #3

Job Ticket: 44117

DST#: 6

ATTN: Allen Bangert/ Kurt

Test Start: 2011.12.18 @ 11:29:29

**GENERAL INFORMATION:**

Formation: **Arbuckle**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: **14:20:59**

Time Test Ended: **19:31:44**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4554.00 ft (KB) To 4565.00 ft (KB) (TVD)**

Total Depth: **4565.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1976.00 ft (KB)**

**1964.00 ft (OF)**

**KB to GRCP: 12.00 ft**

Serial #: **8166**

Outside

Press@RunDepth: **96.19 psig @ 4555.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.12.18**

End Date:

**2011.12.18**

Last Calib.:

**2011.12.18**

Start Time: **11:29:34**

End Time:

**19:31:43**

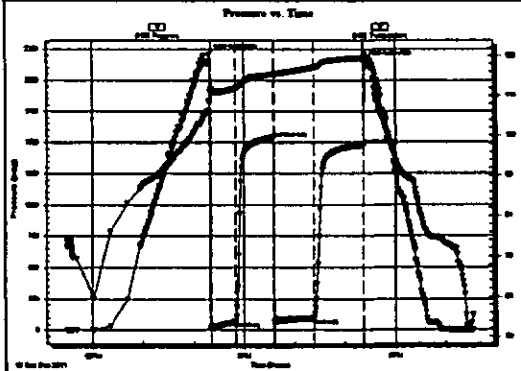
Time On Btm

**2011.12.18 @ 14:18:44**

Time Off Btm

**2011.12.18 @ 17:23:59**

TEST COMMENT: **F: Weak blow 4" 30 min  
ISI No blow back  
FF: Weak blow 4" 45 min  
FSI No blow back**



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.97	106.50	Initial Hydro-static
3	20.45	111.69	Open To Flow (1)
31	96.81	111.69	Shut-in(1)
76	1535.61	115.38	End Shut-in(1)
76	71.42	115.33	Open To Flow (2)
125	96.19	117.03	Shut-in(2)
184	1480.56	119.52	End Shut-in(2)
186	2150.47	120.14	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
150.00	M/V 5% mud 95% water	0.96

**Gas Rates**

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/D)

\* Recovery from multiple tests

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



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

April 11, 2012

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

Re: ACO1  
API 15-151-22383-00-00  
3 Sisters 3  
SE/4 Sec.35-29S-14W  
Pratt 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

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



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April 11, 2012

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

Re: ACO-1  
API 15-151-22383-00-00  
3 Sisters 3  
SE/4 Sec.35-29S-14W  
Pratt County, Kansas

Dear Allen Bangert:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/07/2011 and the ACO-1 was received on April 11, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department