

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

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) 483-1676
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: NCRA

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 #: _____

12-04-2010 12-11-2010 12-11-2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-25492-0000
Spot Description: 15' West
E2 NW NE NW Sec. 5 Twp. 16 S. R. 11 East West
330 Feet from North / South Line of Section
1,750 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Davidson "A" Well #: 1
Field Name: Davidson
Producing Formation: Arbuckle
Elevation: Ground: 1825' Kelly Bushing: 1833'
Total Depth: 3360' Plug Back Total Depth: 3329'
Amount of Surface Pipe Set and Cemented at: 373' 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: 72000 ppm Fluid volume: 100 bbls
Dewatering method used: Let dry and backfill
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: 04-01-2-11

KCC Office Use ONLY *revised 4/20/11*

Letter of Confidentiality Received
Date: 12/12/10 - 12/12/10 RECEIVED
 Confidential Release Date: _____ APR 18 2011
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg Date: 4/20/11
KCC WICHITA

Operator Name: Mai oil Operations, Inc. Lease Name: Davidson "A" Well #: 1
 Sec. 5 Twp. 16 S. R. 11 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 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 checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CNFD, DIL, Micro	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>688'</td> <td>+1145</td> </tr> <tr> <td>Topeka</td> <td>2585'</td> <td>-752</td> </tr> <tr> <td>Heebner</td> <td>2871'</td> <td>-1038</td> </tr> <tr> <td>Toronto</td> <td>2890'</td> <td>-1057</td> </tr> <tr> <td>Lansing</td> <td>2975'</td> <td>-1142</td> </tr> <tr> <td>Base Kansas City</td> <td>3246'</td> <td>-1413</td> </tr> <tr> <td>Arbuckle</td> <td>3290'</td> <td>-1457</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	688'	+1145	Topeka	2585'	-752	Heebner	2871'	-1038	Toronto	2890'	-1057	Lansing	2975'	-1142	Base Kansas City	3246'	-1413	Arbuckle	3290'	-1457
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																										
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Base Kansas City	3246'	-1413																										
Arbuckle	3290'	-1457																										

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
Surface	12 1/4"	8 5/8"	20#	373'	60-40 POZ	200	2 % Gel, 3 %CC
Production	7 7/8"	5 1/2"	14#	3357'	60-40 POZ	175	

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 checked="" type="checkbox"/> Plug Off Zone	3314-16'	60-40 POZ	50 sks	

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
4	3303-08'	250 Gal. 15% FENE HCL	
4	3314-16'		

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TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3300'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>03/07/2011</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>30</u>	Gas Mcf <u>270</u>

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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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3303-08'</u>
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MAI OIL OPERATIONS, INC.

8411 Preston Road, Suite 800

Dallas, TX 75225-5520

Phone: (214) 219-8883

Fax: (214) 219-8886

REQUEST FOR CONFIDENTIAL STATUS

December 12, 2010

**Mai Oil Operations, Inc.
Davidson "A" #1
15'W E/2 NW NE NW
(330'FS & 1425'FE)
Section 5-16S-11W
Barton County, Kansas
API #15-009-25,492**

Please hold confidential for a period of 12 months the following pertaining to the above captioned well:

- 1) any information contained on Side Two of Form ACO-1**
- 2) electric log surveys/geological reports**
- 3) drilling samples**

In addition, per KSA Rule # 82-3-107, please extend the confidential period an additional 12 months.

Sincerely,

**Allen Bangert
Production Superintendent**

Drilling Samples Requested by State

Drilling Samples NOT Requested by State

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KCC WICHITA**

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4267

Date	12.4.10	Sec.		Twp.		Range		County	Barton	State	Ks	On Location		Finish	11:30 PM
Lease	Davidson	Well No.	A-1			Location Debeque 2 E S15									
Contractor	Southwind Drilling Rig 3							Owner							
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.	373			Charge To								
Csg.	8 1/2		Depth	372			Ma. Oil								
Tbg. Size	Depth							Street							
Tool	Depth							City State							
Cement Left in Csg.	15'		Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line	Displace			22 1/2			Cement Amount Ordered 200 @ 3.92								

EQUIPMENT

Pumptrk	1	No.	Cementer	Neale	Common	120
			Helper			
Bulktrk	2	No.	Driver	Jason	Poz. Mix	80
			Driver			
Bulktrk	PU	No.	Driver	Dave	Gel.	4
			Driver			
JOB SERVICES & REMARKS					Calcium	7

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
	Sand
	Handling 211
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU/Inserts
	Float Shoe
	Latch Down
	8" wooden plug
	Pumptrk Charge Surface
	Mileage 26

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X Signature *Joy Idwin*

Tax
Discount
Total Charge

ALLIED CEMENTING CO., LLC. 034043

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

SERVICE POINT:
Russell

DATE <u>12/11/10</u>	SEC. <u>5</u>	TWP. <u>16</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 A.M.</u>	JOB FINISH <u>8:30 A.M.</u>
LEASE <u>Davidson</u>	WELL # <u>A #1</u>	LOCATION <u>Dubugre Church 2 1/2 E</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Sint.</u>					

CONTRACTOR Southwind Drilling Rig #3

TYPE OF JOB Production String

HOLE SIZE 2 3/8 T.D. 3360'

CASING SIZE 5 1/2 14" DEPTH 3357'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1700 psi MINIMUM _____

MEAS. LINE _____ SHOE JOINT 19.79

CEMENT LEFT IN CSG. 19.79

PERFS. _____

DISPLACEMENT 81.43 bbl

OWNER _____

CEMENT

AMOUNT ORDERED 175 6% 102.50 lb

29 Gal 1/4" # FLO Seal

1000 Gal WFR-2

COMMON	<u>105</u>	@	<u>13.50</u>	<u>1417.50</u>
POZMIX	<u>70</u>	@	<u>7.55</u>	<u>528.50</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>7</u>	@	<u>21.25</u>	<u>148.75</u>
<u>Flo Seal</u>	<u>43</u>	@	<u>2.45</u>	<u>105.35</u>
		@		
<u>WFR-2 1000 Gal</u>		@	<u>6.10</u>	<u>N-C</u>
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>2.25</u>	<u>393.75</u>
MILEAGE	<u>110/5k/mile</u>			<u>350.00</u>

TOTAL 3004.60

REMARKS:

Rat Hole Tester Insert @ 3337.21

Ran 83 jts. + Casing Jt.

Est Circulation. Mixed 1000 Gal

WFR-2. Mixed 145 slt down

5 1/2. Shut down. Washed 1000 Gal

+ Casing. Displaced 81.43 bbl

Cased @ 1700 psi

Float Held!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>7.00</u> <u>140.00</u>
MANIFOLD		@	

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KCC WICHITA TOTAL 2097.00

CHARGE TO: Mai Oil Operations

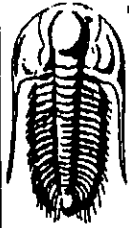
STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>AFU- Float Shoe</u>	@	<u>101.00</u>
<u>10 - Tow balizers</u>	@	<u>42.00</u> <u>420.00</u>
<u>Catch down</u>	@	<u>144.00</u>

Shakes!



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Oper.

Davidson "A" #1

8411 Preston Rd.
Ste. 800
Dallas TX 75225+5520
ATTN: Kitt Noah

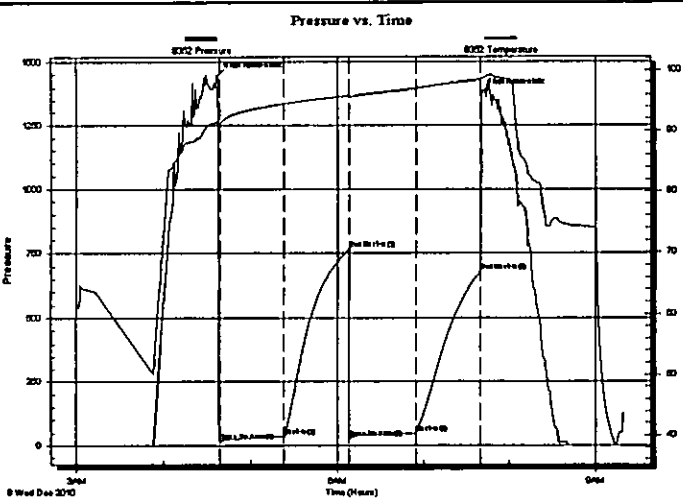
5-16s-11w Barton, KS
Job Ticket: 039998 DST#: 1
Test Start: 2010.12.08 @ 03:01:05

GENERAL INFORMATION:

Formation: LKC "A-C"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:38:50
Time Test Ended: 09:19:29
Interval: 2966.00 ft (KB) To 3017.00 ft (KB) (TVD)
Total Depth: 3017.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1833.00 ft (KB)
1825.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8352 Outside
Press@RunDepth: 50.55 psig @ 2973.00 ft (KB)
Start Date: 2010.12.08 End Date: 2010.12.08
Start Time: 03:01:05 End Time: 09:19:29
Capacity: 8000.00 psig
Last Calib.: 2010.12.08
Time On Btm: 2010.12.08 @ 04:36:40
Time Off Btm: 2010.12.08 @ 07:40:09

TEST COMMENT: IF: BOB, 1 min.
IS: No Return
FF: BOB, Immediately
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1442.76	91.42	Initial Hydro-static
3	19.00	91.26	Open To Flow (1)
47	37.16	94.48	Shut-In(1)
92	765.09	95.83	End Shut-In(1)
92	30.16	95.56	Open To Flow (2)
138	50.55	97.03	Shut-In(2)
184	680.47	98.37	End Shut-In(2)
184	1374.29	98.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	Gassy Mud	0.63
0.00	715' GP	0.00

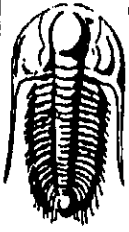
Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MMc/d)

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

Davidson "A" #1
5-16s-11w Barton, KS
Job Ticket: 039999 DST#: 2
Test Start: 2010.12.08 @ 17:40:05

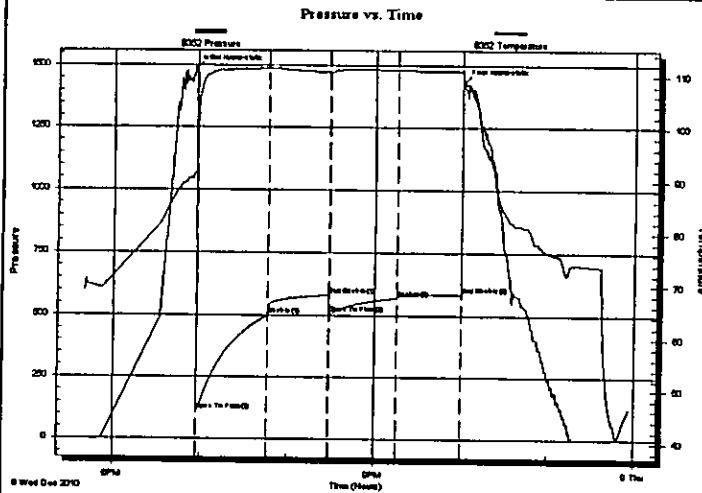
GENERAL INFORMATION:

Formation: **LKC: "F-G"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 18:57:30
Time Test Ended: 23:57:29
Interval: **3048.00 ft (KB) To 3071.00 ft (KB) (TVD)**
Total Depth: **3071.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: **Conventional Bottom Hole**
Tester: **Andy Carreira**
Unit No: **31**
Reference Elevations: **1833.00 ft (KB)**
1825.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8352 **Outside**
Press@RunDepth: **568.49 psig @ 3049.00 ft (KB)**
Start Date: **2010.12.08** End Date: **2010.12.08** Capacity: **8000.00 psig**
Start Time: **17:40:05** End Time: **23:57:29** Last Calib.: **2010.12.09**
Time On Btm: **2010.12.08 @ 18:55:30**
Time Off Btm: **2010.12.08 @ 22:00:29**

TEST COMMENT: IF: BOB, 1 Mn.
IS: No Return
FF: BOB, 3 Mn.
FS: No Return



PRESSURE SUMMARY

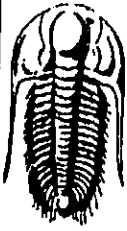
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1484.43	91.49	Initial Hydro-static
2	112.94	100.89	Open To Flow (1)
51	498.16	111.33	Shut-in(1)
93	579.41	110.64	End Shut-in(1)
93	504.83	110.59	Open To Flow (2)
140	568.49	111.04	Shut-in(2)
185	584.91	110.77	End Shut-in(2)
185	1431.17	108.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Mm=100%	0.15
1177.00	Ww=100%	16.23
0.00	101' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

Davidson "A" #1
5-16s-11w Barton, KS
Job Ticket: 040000 DST#: 3
Test Start: 2010.12.09 @ 19:05:05

GENERAL INFORMATION:

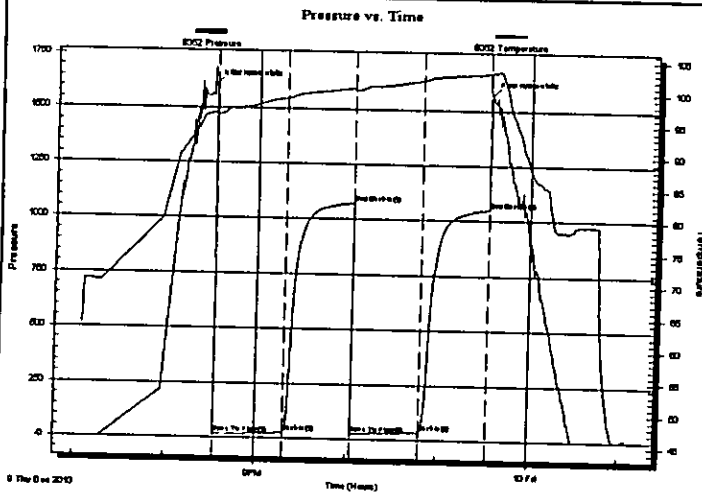
Formation: **Arbuckle**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 20:32:10
 Time Test Ended: 01:06:39
 Interval: **3257.00 ft (KB) To 3312.00 ft (KB) (TVD)**
 Total Depth: **3312.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Andy Carreira**
 Unit No: **31**
 Reference Elevations: **1833.00 ft (KB)**
 1825.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **8352** Outside
 Press@RunDepth: **34.69 psig @ 3263.00 ft (KB)**
 Start Date: **2010.12.09** End Date: **2010.12.10**
 Start Time: **19:05:05** End Time: **01:06:40**
 Capacity: **8000.00 psig**
 Last Calib.: **2010.12.10**
 Time On Btm: **2010.12.09 @ 20:30:30**
 Time Off Btm: **2010.12.09 @ 23:33:59**

TEST COMMENT: IF: Weak Blow, 2 inch
 IS: No Return
 FF: Weak Blow, Half inch
 FS: No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.45	96.58	Initial Hydro-static
2	16.73	96.17	Open To Flow (1)
48	24.91	98.82	Shut-In(1)
93	1072.94	100.57	End Shut-In(1)
93	27.54	100.03	Open To Flow (2)
138	34.69	101.97	Shut-In(2)
183	1050.50	103.09	End Shut-In(2)
184	1574.12	103.16	Final Hydro-static

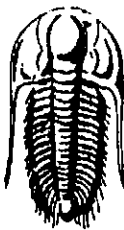


Recovery

Length (ft)	Description	Volume (bbl)
35.00	GMO g=15% m=40% o=45%	0.49
15.00	GO g=20% o=80%	0.21
0.00	62' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

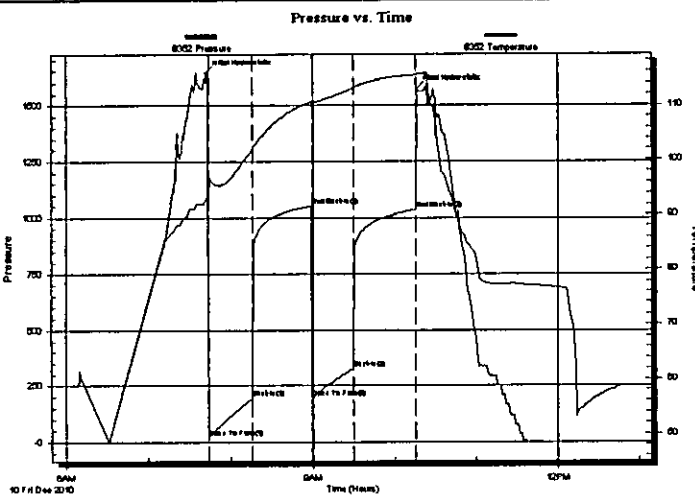
Davidson "A" #1
5-16s-11w Barton, KS
Job Ticket: 041526 DST#: 4
Test Start: 2010.12.10 @ 06:09:05

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock:** ft (KB)
Test Type: **Conventional Bottom Hole**
Time Tool Opened: 07:43:20
Tester: **Andy Carreira**
Time Test Ended: 12:48:59
Unit No: **31**
Interval: **3312.00 ft (KB) To 3317.00 ft (KB) (TVD)**
Reference Elevations: **1833.00 ft (KB)**
Total Depth: **3317.00 ft (KB) (TVD)**
1825.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **8.00 ft**

Serial #: **8352** Outside
Press@RunDepth: **330.25 psig @ 3314.00 ft (KB)**
Capacity: **8000.00 psig**
Start Date: **2010.12.10** End Date: **2010.12.10**
2010.12.10
Start Time: **06:09:05** End Time: **12:48:59**
Time On Btm: **2010.12.10 @ 07:41:40**
Time Off Btm: **2010.12.10 @ 10:16:10**

TEST COMMENT: IF: BOB, 4 min
IS: No Return
FF: BOB, 5 Min.
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.85	92.67	Initial Hydro-static
2	20.98	92.54	Open To Flow (1)
34	194.44	101.91	Shut-In(1)
78	1052.48	110.60	End Shut-In(1)
78	197.29	110.23	Open To Flow (2)
108	330.25	113.01	Shut-In(2)
154	1035.37	115.33	End Shut-In(2)
155	1572.34	115.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCMM o=5% w=35% m=60%	0.87
450.00	SOSW o=2% w=98%	6.31
62.00	HOCMM o=20% m=10% w=70%	0.87
62.00	HOCMM o=20% w=30% m=50%	0.87
15.00	CO o=100%	0.21

Gas Rates

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