



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1194688
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: _____

1194688

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Bender Trust 2
Doc ID	1194688

Tops

Name	Top	Datum
Anhydrite	919	+992
Tarkio Lm	2529	-618
Topeka	2801	-890
Heebner	3031	-1120
Toronto	3049	-1138
Lansing	3096	-1185
Base Kansas City	3301	-1390
Arbuckle	3342	-1431

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
Bender Trust #2
NW-SE-NW-SE (1840' FSL & 1800' FEL)
Section 23-15s-14w
Russell County, Kansas
Page 1

5 1/2" Production Casing Set

- Contractor:** Southwind Drilling Co. (Rig #3)
- Commenced:** January 7, 2014
- Completed:** January 15, 2014
- Elevation:** 1911' K.B; 1909' D.F; 1903' G.L.
- Casing program:** Surface; 8 5/8" @ 512'
Production; 5 1/2" @ 3398'
- Sample:** Samples saved and examined 2350' to the Rotary Total Depth.
- Drilling time:** One (1) foot drilling time recorded and kept 2350 ft. to the Rotary Total Depth.
- Measurements:** All depths measured from the Kelly Bushing.
- Drill Stem Tests:** There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
- Electric Log:** By Nabors; Dual Induction, Compensated Density/Neutron Log and Micro.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	919	+992
Base Anhydrite	930	+981
Grand Haven	2458	-547
1 st Tarkio Sand	2468	-557
Dover	2481	-570
2 nd Tarkio Sand	2490	-579
Tarkio Lime	2529	-618
Elmont	2591	-680
Howard	2731	-820
Topeka	2801	-890
Heebner	3031	-1120
Toronto	3049	-1138
Lansing	3096	-1185
Base Kansas City	3301	-1390
Arbuckle	3342	-1431
Rotary Total Depth	3399	-1488
Log Total Depth	3402	-1491

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

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

930	981
2458	547
2468	557
2481	570
2490	579
2529	618
2591	680
2731	820
2801	890
3031	1120
3049	1138
3096	1185
3301	1390
3342	1431
3399	1488
3402	1491

1ST TARKIO SECTION

2468-2476' Sand; gray, highly shaley, poorly developed porosity, no shows.

2ND TARKIO SECTION

2490-2508' Sand; gray and white, very fine grained, micaceous, glauconitic, few friable, poor visible porosity, no shows.

TOPEKA SECTION

2996-3004' Limestone; gray, cream, finely crystalline, fossiliferous in part, chalky, trace black stain, no free oil and no odor in fresh samples.

TORONTO SECTION

3049-3062' Limestone; cream, finely crystalline, fossiliferous, slightly cherty, poor visible porosity, trace iron pyrite, no shows.

LANSING SECTION

3096-3106' Limestone; white, finely crystalline, fossiliferous in part, scattered porosity, no shows.

3115-3120' Limestone; cream, finely crystalline, fossiliferous, scattered porosity, light brown stain, show of free oil and no odor in fresh samples.

3129-3136' Limestone; cream, oolitic, oomoldic, friable oomoldic porosity, no shows.

Drill Stem Test #1 3102-3170'

Times: 30-30-45-60

Blow: Strong

**Recovery: 320' gas in pipe
 130' oil cut mud
 (30% oil, 70% mud)
 120' muddy water**

**Pressures: ISIP 506 psi
 FSIP 499 psi
 IFP 26-66 psi
 FFP 72-122 psi
 HSH 1576-1562 psi**

3171-3176' Limestone; cream, finely crystalline, oolitic/fossiliferous in part, sub oomoldic, poor to fair vuggy type porosity, brown stain, trace of free oil and odor in fresh samples.

3188-3210' Limestone; tan, finely crystalline, oomoldic, good oomoldic porosity, light brown stain, show of free oil and no odor in fresh samples.

Stem Test #2 3180-3210'

Times: 30-30-45-60

Blow: Weak

Recovery: 50' muddy water

Pressures: ISIP 452 psi
 FSIP 452 psi
 IFP 22-30 psi
 FFP 29-37 psi
 HSH 1635-1584 psi

3245-3254' Limestone; cream, finely crystalline, slightly fossiliferous, cherty, poor visible porosity, no shows.

????? Limestone; cream, fossiliferous/oolitic, slightly cherty, no shows.

3264-3268' Limestone; cream, finely crystalline, oolitic, fair porosity, good brown & black stain, show of free oil and no odor in fresh samples.

3280-3288' Limestone; cream, tan, oolitic, oomoldic, fair porosity, brown stain, show of free oil and faint odor in fresh samples.

Stem Test #3 3257-3300'

Times: 30-30-45-60

Blow: Fair

**Recovery: 25' gas in pipe
 10' clean oil
 30' muddy water**

Pressures: ISIP 515 psi
 FSIP 463 psi
 IFP 26-28 psi
 FFP 29-38 psi
 HSH ??????? psi

ARBUCKLE SECTION

3342-3346' Dolomite; white, cream, finely crystalline, fair intercrystalline and pinpoint type porosity, brown/light brown stain, show of free oil and good odor in fresh samples.

Blow: Fair

**Recovery: 25' gas in pipe
 10' clean oil
 30' muddy water**

ISIP 515 psi
 FSIP 463 psi
 IFP 26-28 psi
 FFP 29-38 psi
 HSH ??????? psi

Stem Test #4 **3300-3346'**

Times: 30-30-30-30

Blow: Strong

Recovery: 60' gas in pipe
70' muddy gassy oil
(15% gas, 80% oil, 5% mud)
190' oil and gas cut mud
(15% gas, 10% oil, 75% mud)
190' heavily oil and gas cut watery mud
(30% gas, 40% oil, 15% water, 15% mud)

Pressures: ISIP 1069 psi
FSIP 1064 psi
IFP 35-131 psi
FFP 134-204 psi
HSH 1720-1652 psi

3346-3360' Dolomite; white, cream, medium crystalline, good intercrystalline and vuggy type porosity, fair brown stain and saturation, show of free oil and good odor in fresh samples.

3360-3370' Dolomite; cream, white, finely crystalline, fair porosity, fair stain, show of free oil and strong odor in fresh samples.

3370-3402' Dolomite; as above, sandy in part, decreasing stain, trace of free oil and faint odor, trace white chert at base.

Rotary Total Depth 3399 (-1488)
Log Total Depth 3399 (-1491)

Recommendations:
5 1/2" production casing was set and cemented on the Bender Trust #2.

Respectfully submitted;

James C. Musgrove & Clint Musgrove
James C. Musgrove and
Clint Musgrove,
Petroleum Geologists

Rotary Total Depth: 3399 (-1488)
Log Total Depth: 3399 (-1491)

5 1/2" production casing was set and cemented on the Bender Trust #2.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

23-15s-14w Russell,KS
Bender Trust #2
Job Ticket: 55449 **DST#: 1**
Test Start: 2014.01.13 @ 11:28:50

GENERAL INFORMATION:

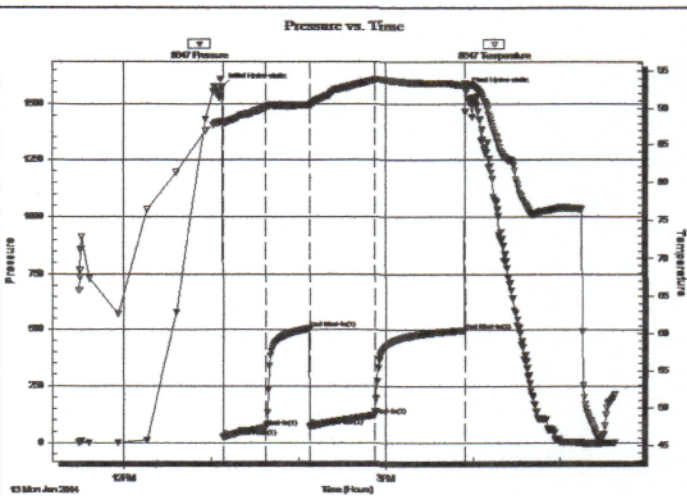
Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:08:00
Time Test Ended: 17:38:10
Interval: **3102.00 ft (KB) To 3170.00 ft (KB) (TVD)**
Total Depth: 3170.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Brannan L
Unit No: 68
Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8647

Outside

Press@RunDepth: 121.50 psig @ 3103.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.13 End Date: 2014.01.13 Last Calib.: 2014.01.13
Start Time: 11:28:55 End Time: 17:38:10 Time On Btm: 2014.01.13 @ 13:07:40
Time Off Btm: 2014.01.13 @ 15:55:10

TEST COMMENT: 30- IF- BOB 12mins
30- IS- Built to .5"
45- FF- BOB 9mins
60- FS- Built to 1"



PRESSURE SUMMARY

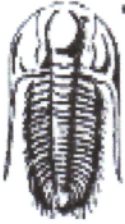
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1576.29	88.35	Initial Hydro-static
1	26.10	87.83	Open To Flow (1)
30	65.91	90.20	Shut-in(1)
60	506.29	90.47	End Shut-in(1)
61	71.96	90.44	Open To Flow (2)
105	121.50	93.82	Shut-in(2)
167	498.73	93.09	End Shut-in(2)
168	1561.73	93.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW, 80%W	1.64
130.00	OCM, 70%M	1.78
0.00	320' GIP	0.00

Gas Rates

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



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

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

23-15s-14w Russell,KS
Bender Trust #2
Job Ticket: 55450 **DST#: 2**
Test Start: 2014.01.14 @ 00:48:21

GENERAL INFORMATION:

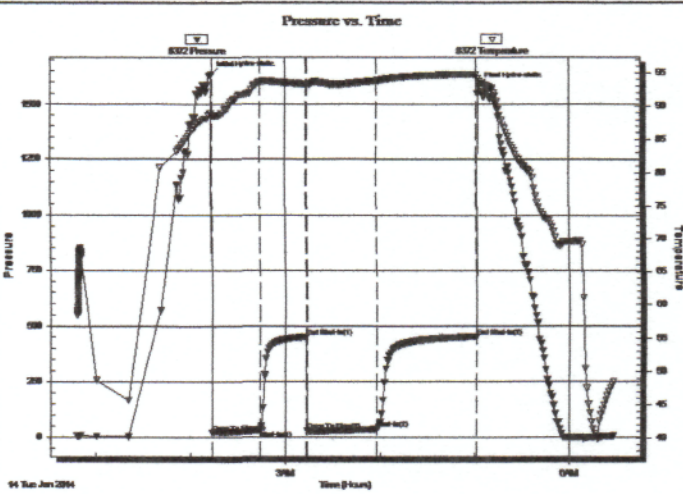
Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:13:51
Time Test Ended: 06:27:51
Interval: **3180.00 ft (KB) To 3210.00 ft (KB) (TVD)**
Total Depth: 3210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan L
Unit No: 68
Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8372

Inside

Press@RunDepth: 36.70 psig @ 3181.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.14 End Date: 2014.01.14 Last Calib.: 2014.01.14
Start Time: 00:48:22 End Time: 06:27:51 Time On Btm: 2014.01.14 @ 02:13:21
Time Off Btm: 2014.01.14 @ 05:02:51

TEST COMMENT: 30- IF- Built slowly to 3 1/2"
30- IS- No blow
45- FF- Built to 3"
60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1634.72	88.89	Initial Hydro-static
1	21.51	88.56	Open To Flow (1)
31	29.71	93.60	Shut-In(1)
60	452.05	93.34	End Shut-In(1)
61	29.32	93.26	Open To Flow (2)
105	36.70	93.80	Shut-In(2)
168	451.90	94.78	End Shut-In(2)
170	1583.61	93.72	Final Hydro-static

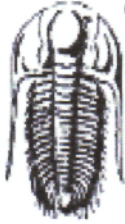
Recovery

Length (ft)	Description	Volume (bbl)
50.00	MW, 70%W	0.68

* Recovery from multiple tests

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: Clint Musgrove

23-15s-14w Russell,KS
Bender Trust #2
 Job Ticket: 54888 **DST#: 3**
 Test Start: 2014.01.14 @ 17:34:22

GENERAL INFORMATION:

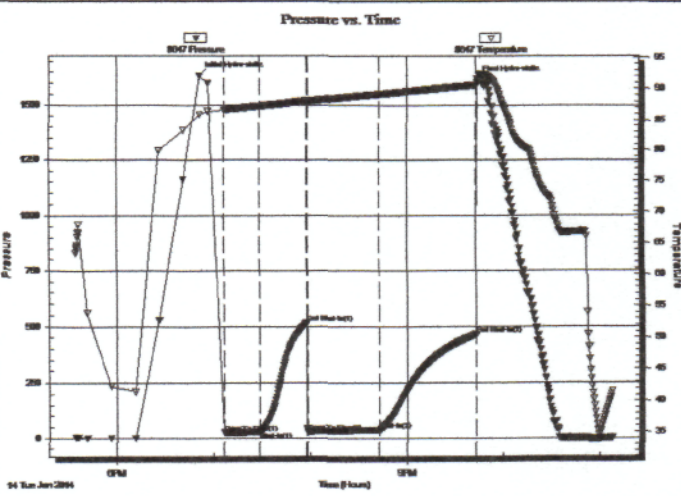
Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:06:22
 Time Test Ended: 23:07:52
 Interval: **3256.00 ft (KB) To 3300.00 ft (KB) (TVD)**
 Total Depth: 3300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan L
 Unit No: 68
 Reference Elevations: 1911.00 ft (KB)
 1903.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8647

Outside

Press@RunDepth: 38.00 psig @ 3257.00 ft (KB)
 Start Date: 2014.01.14 End Date: 2014.01.14
 Start Time: 17:34:27 End Time: 23:07:51
 Capacity: 8000.00 psig
 Last Calib.: 2014.01.14
 Time On Btm: 2014.01.14 @ 18:51:22
 Time Off Btm: 2014.01.14 @ 21:43:32

TEST COMMENT: 30- IF- Built slowly to 6"
 30- IS- No blow
 45- FF- Built to 9"
 60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.44	85.79	Initial Hydro-static
15	26.05	86.56	Open To Flow (1)
38	28.45	87.21	Shut-In(1)
67	515.23	88.05	End Shut-In(1)
67	28.64	87.95	Open To Flow (2)
112	38.00	89.10	Shut-In(2)
172	463.21	90.56	End Shut-In(2)
173	1619.27	90.97	Final Hydro-static

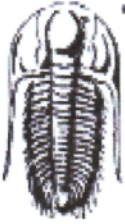
Recovery

Length (ft)	Description	Volume (bbl)
10.00	O	0.14
30.00	WM, 55%M	0.41
0.00	25' GIP	0.00

* Recovery from multiple tests

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: Clint Musgrove

23-15s-14w Russell,KS
Bender Trust #2
Job Ticket: 54889 **DST#: 4**
Test Start: 2014.01.15 @ 07:50:59

GENERAL INFORMATION:

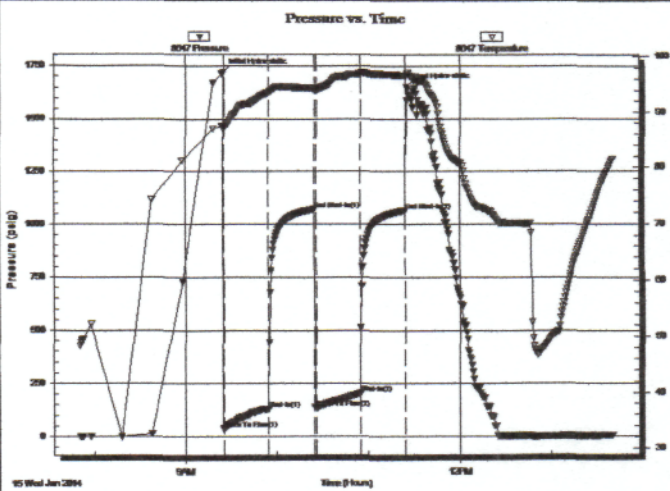
Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB) Test Type: **Conventional Bottom Hole (Reset)**
Time Tool Opened: 09:25:09 Tester: **Brannan L**
Time Test Ended: 13:40:29 Unit No: **68**
Interval: 3300.00 ft (KB) To 3346.00 ft (KB) (TVD) Reference Elevations: 1911.00 ft (KB)
Total Depth: 3346.00 ft (KB) (TVD) 1903.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: **Fair** KB to GR/CF: 8.00 ft

Serial #: 8647

Outside

Press@RunDepth: 203.62 psig @ 3301.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.15 End Date: 2014.01.15 Last Calib.: 2014.01.15
Start Time: 07:51:04 End Time: 13:40:28 Time On Btm: 2014.01.15 @ 09:24:39
Time Off Btm: 2014.01.15 @ 11:24:59

TEST COMMENT: 30- IF- BOB 5 mins
30- IS- No blow
30- FF- BOB 7 mins
30- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.37	87.54	Initial Hydro-static
1	35.35	87.17	Open To Flow (1)
30	130.88	93.60	Shut-In(1)
60	1069.18	94.35	End Shut-In(1)
61	133.96	94.13	Open To Flow (2)
90	203.62	96.89	Shut-In(2)
120	1063.74	96.61	End Shut-In(2)
121	1651.68	96.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	GSMCO, 80%O 15%G	0.96
190.00	GOCM, 75%M 15%G	2.60
190.00	GVMCO, 40%O 30%G 15%W 15%M	2.60
0.00	60' GIP	0.00

* Recovery from multiple tests

Gas Rates

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

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. 7710

Date	1-10-14	Sec.	23	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	2:45 Am.
------	---------	------	----	------	----	-------	----	--------	---------	-------	----	-------------	--	--------	----------

Location Russell 3 Stickney Rd NE Vinto

Lease	<u>Bender Trust</u>	Well No.	<u>2</u>	Owner	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.
Contractor	<u>Southwind #3</u>				
Type Job	<u>Surface</u>				
Hole Size	<u>12 1/4</u>	T.D.	<u>512</u>	Charge To	<u>Ma Oil</u>
Csg.	<u>8 5/8</u>	Depth	<u>511</u>	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<u>20</u>	Shoe Joint		Cement Amount Ordered	<u>250 60/40 3/CC 2-1.62</u>
Meas Line		Displace	<u>31 1/4 BCL</u>		

EQUIPMENT

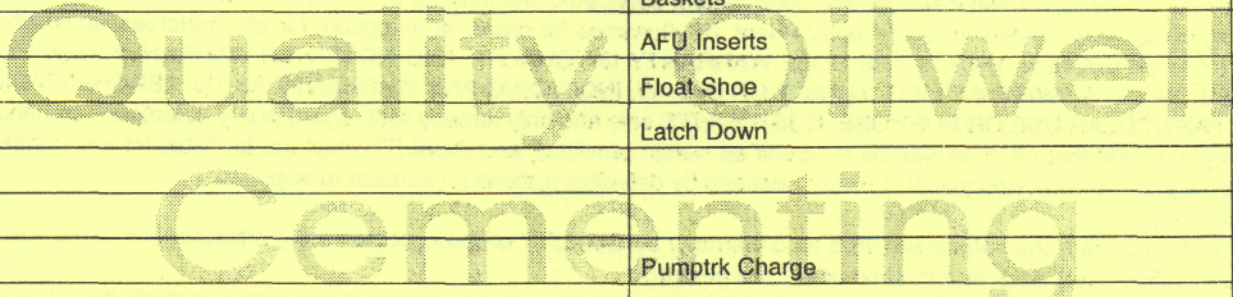
Pumptrk	<u>18</u>	No.	Cementer	<u>Craig</u>	Common
			Helper		
Bulktrk		No.	Driver	<u>Cody</u>	Poz. Mix
			Driver		Gel.
Bulktrk	<u>3</u>	No.	Driver	<u>Chris</u>	Calcium
			Driver		

JOB SERVICES & REMARKS

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
<u>8 5/8 on bottom. Fast Circulation.</u>	Sand
<u>Mix 250 60/40 3/CC 2-1.62</u>	Handling
<u>Cement Circulation 1</u>	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	<u>8 5/8 wooden Plug</u>
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	



Pumptrk Charge		Tax	
Mileage		Discount	
Signature	<u>Jay Miller</u>	Total Charge	

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. 7683

Date	1-16-14	Sec.	23	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	8:45 AM
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Location *Russell S to Stickney Rd, 1/2 E, Nn2*

Lease	<i>Bender Trust</i>	Well No.	<i>2</i>	Owner	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.
Contractor	<i>Southwind #3</i>			Charge To	<i>Mai Oil</i>
Type Job	<i>long string</i>	T.D.	<i>3399</i>	Street	
Hole Size	<i>7 7/8</i>	Depth	<i>3399</i>	City	State
Csg. Size	<i>5 1/2 #14</i>	Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size		Depth		Cement Amount Ordered	<i>160 60/40 10% salt 2% gel 1/4 # Flow</i>
Tool		Depth			
Cement Left in Csg.		Shoe Joint	<i>2137</i>		
Meas Line		Displace	<i>82.41 bbl</i>		

EQUIPMENT

Pumptrk	<i>17</i>	No.		Cementer		Common
				Helper	<i>Nick</i>	Poz. Mix
Bulktrk	<i>1</i>	No.		Driver	<i>Doug</i>	Gel.
Bulktrk	<i>14</i>	No.		Driver	<i>Travis</i>	Calcium

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole	<i>30sx</i>	Salt	
Mouse Hole		Flowseal	
Centralizers	<i>1,2,3,4,5,6,7,8,9,10</i>	Kol-Seal	
Baskets	<i>4' x 2</i>	Mud CLR 48	<i>1000 gal</i>
D/V or Port Collar		CFL-117 or CD110 CAF	<i>38</i>
<i>Pipe on bottom broke circulation. Pumped 1000gal Mud CLR 48 with 10111 lbs behind + Plugged Rat hole with 30sx. Hooked to 5 1/2 Mixed 130sx 60/40 10% salt, 2% gel, 1/4 # Flow. Shut down washed pump and lines. Released plug and displaced with 82.41 bbl fuc. Plug landed and held.</i>		Sand	
<i>lift pressure 750 psi</i>		Handling	
<i>Plug landed at 1400 psi</i>		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	<i>10 turbo's</i>
		Baskets	<i>1 Red</i>
		AFU Inserts	
		Float Shoe	<i>1</i>
		Latch Down	<i>1</i>
		Pumptrk Charge	
		Mileage	

X Signature *Burt A. ...*

Tax
Discount
Total Charge