Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1187165

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 # 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:

☑ 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 #:

11/20/2013	11/26/2013	11/26/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23918-00-00
Spot Description:
NW NE SW SE Sec. 23 Twp. 15 S. R. 14 ☐ East ☑ West
1250 Feet from ☐ North / ☑ South Line of Section
1925 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Russell
Lease Name: Bender Trust Well #: 1
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1903 Kelly Bushing: 1911
Total Vertical Depth: 3399 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 518 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: 81000 ppm Fluid volume: 80 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

☑ **Confidentiality Requested**
Date: 02/05/2014
☑ **Confidential Release Date:** 02/05/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/06/2014

[redacted] 1187165

Operator Name: Mai Oil Operations, Inc. Lease Name: Bender Trust Well #: 1

Sec. 23 Twp. 15 S. R. 14 ☐ East ☑ West County: Russell

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

CDNL
DIL
Micro

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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	12.25	8.625	23	518	60-40 POZ	250	2% gel, 3% CC
Production	7.875	5.5	14	3397	60-40 POZ	130	

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	-			
	-			

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 *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

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

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Bender Trust 1
Doc ID	1187165

Tops

Name	Top	Datum
Anhydrite	902	+1009
Tarkio Lime	2527	-616
Topeka	2800	-881
Heebner	3030	-1119
Toronto	3049	-1138
Lansing	3096	-1185
Base Kansas City	3300	-1389
Arbuckle	3343	-1432

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Bender Trust 1
Doc ID	1187165

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	518	60-40 POZ	250	2% gel, 3% CC
Production	7.875	5.5	14	3397	60-40 POZ	130	

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 #1
NW-NE-SW-SE (1250' FSL & 1925' FEL)
Section 23-15s-14w
Russell County, Kansas

5 ½" Production Casing Set

Contractor: Southwind Drilling Co. (Rig #3)

Commenced: November 20, 2013

Completed: November 26, 2013

Elevation: 1911' K.B; 1909' D.F; 1903' G.L.

Casing program: Surface; 8 5/8" @ 518'
Production; 5 ½" @ 3398'

Sample: Samples saved and examined 2300' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2300 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.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	902	+1009
Base Anhydrite	935	+976
Grand Haven	2457	-546
1st Tarkio Sand	2468	-557
Dover	2481	-570
2nd Tarkio Sand	2488	-577
Tarkio Lime	2527	-616
Elmont	2590	-679
Howard	2729	-818
Topeka	2800	-881
Heebner	3030	-1119
Toronto	3049	-1138
Lansing	3096	-1185
Base Kansas City	3300	-1389
Conglomerate	3326	-1415
Arbuckle	3343	-1432
Rotary Total Depth	3399	-1488
Log Total Depth	3399	-1488

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

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

1ST TARKIO SECTION

2468-2476' Poor samples; trace sand, gray, grayish green, very fine grained, micaceous, poorly developed.

2ND TARKIO SECTION

2488-2500' Sand; gray, white, very fine grained, micaceous, shaley, poorly develop sand, (no shows).

TOPEKA SECTION

2975-2990' Limestone; gray, finely crystalline, scattered intercrystalline porosity, black stain, no free oil and no odor in fresh samples.

TORONTO SECTION

3049-3060' Limestone; tan, finely crystalline, chalky, poor visible porosity, trace spotty brown stain, no show of free oil and no odor in fresh samples.

LANSING SECTION

3095-3106' Limestone; white, cherty in part, poor visible porosity, trace brown stain, no free oil and no odor.

3115-3120' Limestone; white, gray, finely crystalline, fossiliferous, chalky, fair porosity, brown stain, show of free oil and good odor in fresh samples.

3131-3142' Limestone; gray, oomoldic in part, chalky, poorly developed porosity, no shows.

Drill Stem Test #1 3104-3150'

Times: **30-30-30-30**

Blow: **Weak**

Recovery: **20' very slightly oil cut mud (2% oil, 98% mud)**

Pressures:

ISIP	**450**	**psi**
FSIP	**139**	**psi**
IFP	**34-35**	**psi**
FFP	**38-37**	**psi**
HSH	**1549-1452**	**psi**

3150-3160' Limestone; cream, cherty, dense.

3178-3191' Limestone; gray, finely crystalline, fossiliferous, poor visible porosity, trace poor stain, trace of free oil and questionable odor in fresh samples.

3188-3200' Limestone; gray, tan, oomoldic, good oomoldic porosity, trace stain, trace of free oil and faint odor in fresh samples.

3210-3236' Limestone; gray, white, chalky, no shows.

3258-3268' Limestone; cream, oolitic/fossiliferous, chalky, poorly developed porosity, light brown stain, no free oil and faint odor in fresh samples.

3276-3288' Limestone; cream, finely crystalline, oomoldic, fair oomoldic porosity, chalky, fair black stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #2 3257-3295'

Times: **30-30-45-60**

Blow: **Fair to good**

Recovery: **90' gas in pipe**
15' clean oil
20' slightly oil cut mud
(10% oil, 90% mud)

Pressures:		
ISIP	**521**	**psi**
FSIP	**497**	**psi**
IFP	**33-37**	**psi**
FFP	**31-38**	**psi**
HSH	**1665-1617**	**psi**

3313-3320' Limestone; gray, white, chalky, few cherty, dense.

ARBUCKLE SECTION

3342-3345' Dolomite; white, cream, finely crystalline, few medium crystalline, poor porosity, no shows.

3345-3349' Dolomite; gray, white, medium crystalline, fair to good intercrystalline porosity, good stain and saturation, show of free oil and fair odor in fresh samples.

Drill Stem Test #3 3300-3349'

Times: **30-30-30-30**

Blow: **Strong**

Recovery: **240' gas in pipe**
60' very slightly oil and gas cut mud
(35% gas, 5% oil, 60% mud)
200' gassy oil

Pressures:		
ISIP	**1014**	**psi**
FSIP	**999**	**psi**
IFP	**25-75**	**psi**
FFP	**78-120**	**psi**

HSH 1706-1611 psi

3349-3361' Dolomite; white, gray, medium crystalline, few coarse crystalline, good intercrystalline porosity, fair to good stain and saturation, good show of free oil and fair to good odor in fresh samples.

Drill Stem Test #4 3351-3361'

Times: **15-20-20-30**

Blow: **Strong**

Recovery: **310' slightly mud cut and gassy water cut oil**
(10% gas, 65% oil, 25% water, 5% mud)
310' gassy water cut oil
(10% gas, 60% oil, 30% water)
180' very slightly oil cut water
(2% oil, 98% water)

Pressures:

ISIP	**1078**	**psi**
FSIP	**1091**	**psi**
IFP	**449-744**	**psi**
FFP	**832-1005**	**psi**
HSH	**1706-1643**	**psi**

3361-3380' Dolomite; cream, white, finely crystalline, sucrosic, few medium crystalline, trace iron pyrite, brown stain, show of free oil and fair odor in fresh samples.

3380-3399' Dolomite; as above, trace stain, no free oil and fair odor, plus white chalk.

Rotary Total Depth **3399**
Log Total Depth **3399**

Recommendations:
5 ½" production casing was set and cemented on the Bender Trust #1.

Respectfully submitted;

James C. Musgrove and
Clint Musgrove,
Petroleum Geologists

JAMES C. MUSGROVE LICENSED 307 PETROLEUM GEOLOGIST

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd 800
Dallas TX 75225

ATTN: Jim Musgrove

23-15s-14w Russell,KS

Bender Trust #1

Job Ticket: 55476 **DST#: 1**

Test Start: 2013.11.24 @ 06:20:00

GENERAL INFORMATION:

Formation: **KC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:54:00
Time Test Ended: 12:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Brett Dickinson
Unit No: 59

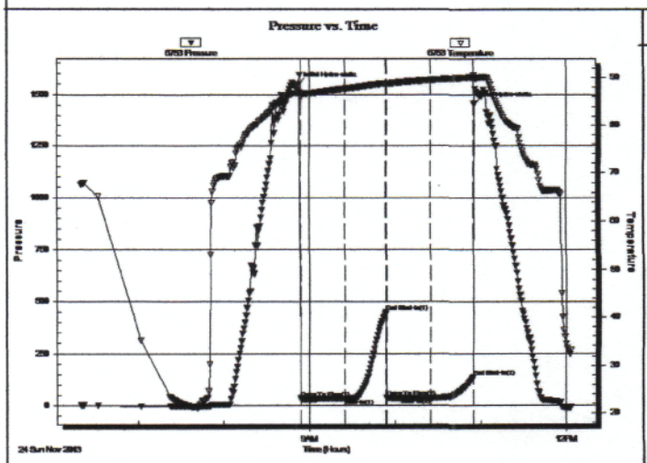
Interval: 3104.00 ft (KB) To 3150.00 ft (KB) (TVD)
Total Depth: 3150.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 37.21 psig @ 3114.00 ft (KB)
Start Date: 2013.11.24 End Date: 2013.11.24
Start Time: 06:20:05 End Time: 12:03:59

Capacity: 8000.00 psig
Last Calib.: 2013.11.24
Time On Btm: 2013.11.24 @ 08:52:15
Time Off Btm: 2013.11.24 @ 10:55:30

TEST COMMENT: IF-1" blow
ISI-No blow
FF-1" blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.67	86.84	Initial Hydro-static
2	34.23	86.52	Open To Flow (1)
33	35.36	87.76	Shut-In(1)
62	449.52	88.85	End Shut-In(1)
62	37.97	88.77	Open To Flow (2)
93	37.21	89.57	Shut-In(2)
123	138.61	90.17	End Shut-In(2)
124	1451.88	90.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOCM 2%O 98%M	0.28

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd 800
Dallas TX 75225

ATTN: Jim Musgrove

23-15s-14w Russell,KS

Bender Trust #1

Job Ticket: 55477 **DST#: 2**

Test Start: 2013.11.25 @ 01:35:00

GENERAL INFORMATION:

Formation: **KC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:04:15
Time Test Ended: 07:27:15

Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59

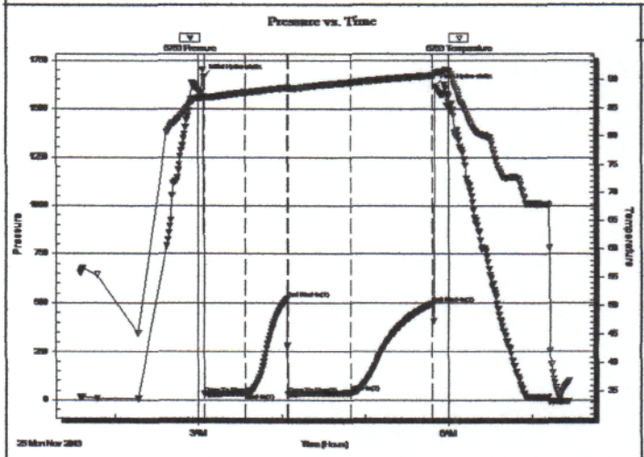
Interval: 3257.00 ft (KB) To 3295.00 ft (KB) (TVD)
Total Depth: 3295.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 38.31 psig @ 3259.00 ft (KB)
Start Date: 2013.11.25 End Date: 2013.11.25
Start Time: 01:35:05 End Time: 07:27:14

Capacity: 8000.00 psig
Last Calib.: 2013.11.25
Time On Btm: 2013.11.25 @ 03:03:45
Time Off Btm: 2013.11.25 @ 05:50:00

TEST COMMENT: IF-10" blow
ISI-No blow
FF-11" blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.61	86.92	Initial Hydro-static
1	33.29	86.42	Open To Flow (1)
30	36.58	87.60	Shut-In(1)
61	521.41	88.50	End Shut-In(1)
61	31.04	88.32	Open To Flow (2)
106	38.31	89.41	Shut-In(2)
165	496.97	90.62	End Shut-In(2)
167	1616.64	91.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	15%G 85%O	0.21
20.00	10%O 90%M	0.28
0.00	90ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd 800
Dallas TX 75225

ATTN: Jim Musgrove

23-15s-14w Russell,KS

Bender Trust #1

Job Ticket: 55478 **DST#: 3**

Test Start: 2013.11.25 @ 17:56:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:14:00
Time Test Ended: 22:43:15

Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59

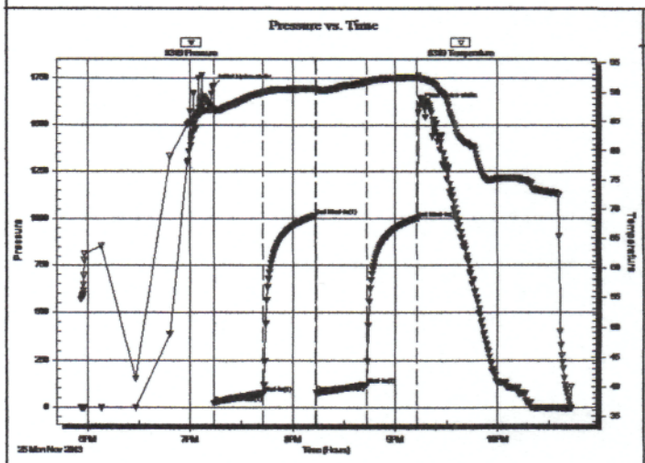
Interval: 3300.00 ft (KB) To 3349.00 ft (KB) (TVD)
Total Depth: 3349.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8319 **Outside**
Press@RunDepth: 120.09 psig @ 3312.00 ft (KB)
Start Date: 2013.11.25 End Date: 2013.11.25
Start Time: 17:56:05 End Time: 22:43:14

Capacity: 8000.00 psig
Last Calib.: 2013.11.25
Time On Btm: 2013.11.25 @ 19:13:30
Time Off Btm: 2013.11.25 @ 21:14:15

TEST COMMENT: IF-BOB in 7 1/2 min
ISI-1/8" blow
FF-BOB in 8 1/2 min
FSI-1/8" blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.46	87.16	Initial Hydro-static
1	24.94	86.71	Open To Flow (1)
30	74.50	89.94	Shut-In(1)
60	1013.68	90.65	End Shut-In(1)
61	77.67	90.45	Open To Flow (2)
90	120.09	91.67	Shut-In(2)
119	999.44	92.54	End Shut-In(2)
121	1610.66	92.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	GO 20%G 80%O	2.81
60.00	VGSOCM 35%G 5%O 60%M	0.84
0.00	240ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd 800
Dallas TX 75225

ATTN: Jim Musgrove

23-15s-14w Russell,KS

Bender Trust #1

Job Ticket: 55479 **DST#: 4**

Test Start: 2013.11.26 @ 03:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:18:30
Time Test Ended: 09:13:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59

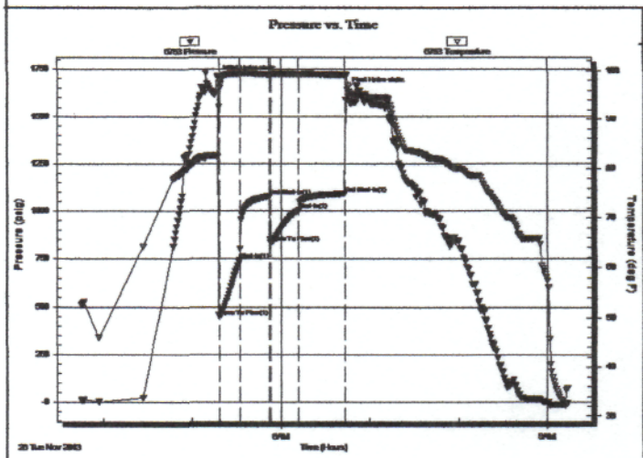
Interval: 3351.00 ft (KB) To 3361.00 ft (KB) (TVD)
Total Depth: 3361.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1911.00 ft (KB)
1903.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 1004.91 psig @ 3358.00 ft (KB)
Start Date: 2013.11.26 End Date: 2013.11.26
Start Time: 03:45:05 End Time: 09:13:29

Capacity: 8000.00 psig
Last Calib.: 2013.11.26
Time On Btm: 2013.11.26 @ 05:17:00
Time Off Btm: 2013.11.26 @ 06:44:15

TEST COMMENT: IF-BOB in 15 sec
ISI-1/8" blow
FF-BOB in 15 sec
FSI-1/8" blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.64	82.17	Initial Hydro-static
2	448.77	96.52	Open To Flow (1)
15	743.78	99.39	Shut-In(1)
36	1077.83	99.21	End Shut-In(1)
36	831.92	99.04	Open To Flow (2)
55	1004.91	99.23	Shut-In(2)
86	1091.41	99.05	End Shut-In(2)
88	1643.14	99.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	GVSMWCO 10%G 65%O 20%W 5%M	4.35
310.00	GWCO 10%G 60%O 30%W	4.35
180.00	VSOCW 2%O 98%W	2.52
1530.00	Water	21.46

* 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 **Home Office P.O. Box 32 Russell, KS 67665** **No. 7611**
Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-27-13	23	15	14	Russell	KS	12:30 AM	4:45 AM

Location Russell 5 to Stuchney RD

Lease Benedict Trust Well No. 1

Contractor Southwind Rig 3

Type Job Long String

Hole Size 7 7/8 T.D. 3394

Csg. 5 1/2 Depth 3377

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 19.56 Shoe Joint 19.56

Meas Line Displace 80.5 BBL

EQUIPMENT

Pumptrk 11	No.	Cementer	
		Helper	Matt
Bulktrk 1	No.	Driver	Nick
		Driver	
Bulktrk 14	No.	Driver	Doug
		Driver	Jason

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30 SKS

Mouse Hole

Centralizers 1-10 12 25

Baskets 2, 11 04 feet up

D/V or Port Collar

Dropped Ball Circulate for 45 min Run mud flush Change Rat hole mix 200 SK down hole Displace with water Lift 850 PSI Land 1350 PSI

Owner Y4 E Minto

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.

Charge To Mai Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 130 SK 60/40 18% Salt 2% Gel 1/4 flow

Common 100 SK 60/40 10% Salt

Poz. Mix 2 Gel 1/4 flow

Gel.

Calcium

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48 1000 Gal

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage 5%

FLOAT EQUIPMENT

Guide Shoe

Centralizer Turbos 12

Baskets 2 Red

AFU Inserts

Float Shoe 1

Latch Down 1

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature Brent Homan

Quality Oilwell Cementing

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 **Home Office P.O. Box 32 Russell, KS 67665** **No.** 7018
Cell 785-324-1041

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 11-20-13	23	15	14	Russell	KS		11:00 PM

Location Russell S to Sterling ½E N into

Lease Bender Trust Well No. #1

Contractor Southwind #3

Type Job Surface

Hole Size 12¼ T.D. 518'

Csg. 8 5/8 Depth 518'

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 30' Shoe Joint

Meas Line Displace 30½ bbl

EQUIPMENT

Pumptrk 16 No. Cementer / Helper Matt

Bulktrk 8 No. Driver / Driver Jason

Bulktrk PU No. Driver / Driver Brett

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement circulated

X Signature Jay Shrum

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.

Charge To Mai Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 250 60/40 3%cc 2%gel

Common

Poz. Mix

Gel.

Calcium

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

Quality Oilwell Cementing