



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153507
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: _____



1153507

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: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

July 30, 2013

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

Re: ACO1
API 15-009-25849-00-00
Axman-Schenk Unit 1
NW/4 Sec.19-17S-14W
Barton 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

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
Axman-Schenk Unit #1
SW-SE-SE-NW (2620' FNL & 2250' FWL)
Section 19-17s-14w
Barton County, Kansas
Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (Rig #3)

Commenced: June 26, 2013

Completed: July 2, 2013

Elevation: 1936' K.B; 1934' D.F; 1928' G.L.

Casing program: Surface; 8 5/8" @ 899'
Production; none.

Sample: Samples saved and examined 2800' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2800 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 Completion and Production Services Co; Dual Induction, Compensated Density/Neutron Log, and Micro Log.

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	921	+1015
Base Anhydrite	953	+983
Topeka	2879	-943
Heebner	3111	-1175
Toronto	3126	-1190
Douglas	3141	-1204
Brown Lime	3173	-1237
Lansing	3189	-1253
Base Kansas City	3390	-1454
Conglomerate	3405	-1469
Arbuckle	3447	-1511
Rotary Total Depth	3509	-1573
Log Total Depth	3510	-1574

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

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

TOPEKA SECTION

- 2898-2904' Limestone; tan, finely crystalline, few fossiliferous, trace stain, no free oil and no odor.
- 3055-3068' Limestone; tan, cream, finely crystalline, granular, oomoldic, chalky, trace light brown stain, trace of free oil and no odor.

TORONTO SECTION

- 3126-3137' Limestone; tan, finely crystalline, slightly dolomitic, poor stain, no free oil and no odor in fresh samples.

LANSING SECTION

- 3189-3197' Limestone; tan, oolitic, fair porosity, light brown stain, show of free oil and no odor.
- 3201-3214' Limestone; gray, white, oomoldic, chalky, scattered porosity, light black stain, show of free oil and no odor in fresh samples.

Drill Stem Test #1 **3170-3208''**

Times: 30-30-45-45

Blow: Fair

Recovery: 148' gas in pipe
40' oil cut muddy water
(25% oil, 25% water, 50% mud)

Pressures: ISIP 404 psi
FSIP 409 psi
IFP 15-20 psi
FFP 21-30 psi
HSH 1554-1510 psi

- 3243-3250' Limestone; tan, cream, finely crystalline, few chalky, trace light brown stain, no free oil and no odor.
- 3253-3260' Limestone; tan, cream, oolitic, scattered porosity, light brown stain, show of free oil and no odor in fresh samples.

Drill Stem Test #2 **3224-3262'**

Times: 30-30-30-30

Blow: Weak

Recovery: 40' muddy water
(30% water, 70% mud)

Pressures: ISIP 238 psi
FSIP 147 psi

IFP 15-27 psi
 FFP 28-34 psi
 HSH 1587-1545 psi

- 3268-3290' Limestone; tan, cream, oolitic, oomoldic, scattered porosity, brown spotty stain, no free oil and no odor.
- 3324-3334' Limestone; white, cream, finely crystalline, chalky, poor visible porosity trace black stain, no free oil and no odor.
- 3340-3350' Limestone; white, gray, few fossiliferous, poor scattered porosity, poor stain, weak show of free oil and faint odor.
- 3354-3372' Limestone; cream, tan, finely crystalline, oolitic, sub oomoldic, brown stain, no free oil and no odor.
- 3375-3385' Limestone; white, oolitic, poor porosity, chalky, brown and black stain, no free oil and no odor.

Drill Stem Test #3 3310-3387'

Times: 30-30-30-30
 Blow: Weak
 Recovery: 30' mud
 Pressures: ISIP 247 psi
 FSIP 197 psi
 IFP 45-54 psi
 FFP 54-58 psi
 HSH 1674-1634 psi

CONGLOMERATE SECTION

- 3404-3447' Varied colored chert in matrix of varied colored shake, no shows.

ARBUCKLE SECTION

- 3445-3460' Dolomite; white, gray, finely crystalline, scattered porosity, light brown stain, trace of free oil and fair odor in fresh samples.

Drill Stem Test #4 3398-3460'

Times: 30-30-45-45
 Blow: Strong
 Recovery: 120' muddy water
 456' water
 Pressures: ISIP 1093 psi
 FSIP 1089 psi
 IFP 17-122 psi
 FFP 124-273 psi
 HSH 1717-1652 psi

Mai Oil Operations
Axman-Schenk Unit #1
SW-SE-SE-NW (2620' FNL & 2250' FWL)
Section 19-17s-14w
Barton County, Kansas
Page 4

3460-3480'	Dolomite; white, gray, finely crystalline, poor porosity, light brown satin, no free oil and no odor.
3480-3500'	Dolomite; as above.
3500-3510'	Dolomite; white, finely crystalline, poor scattered porosity, no shows.

Rotary Total Depth	3509
Log Total Depth	3510

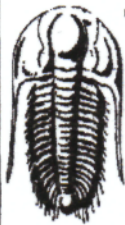
Recommendations:

The Axman-Schenk Unit #1 was plugged and abandoned at the Rotary Total Depth 3509.

Respectfully submitted;



Wyatt Urban,
Petroleum Geologist



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd Ste 800
Dallas TX 75225
ATTN: Wyatt Urban

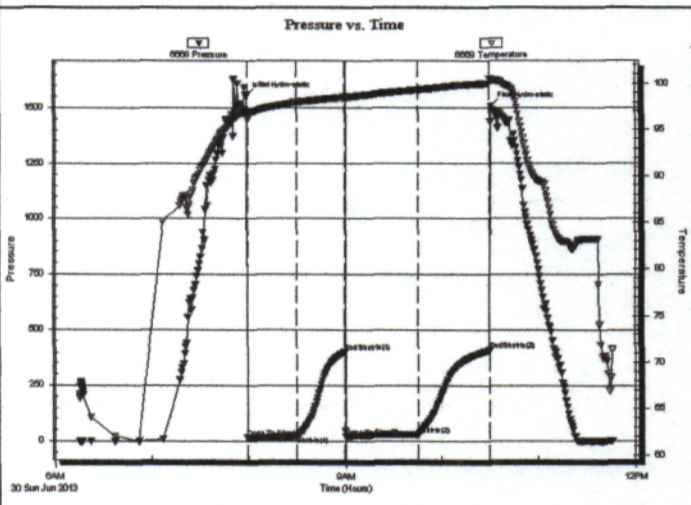
19-17s-14w Barton, KS
Axman-Schenk Unit #1
Job Ticket: 50437 DST#: 1
Test Start: 2013.06.30 @ 06:15:00

GENERAL INFORMATION:

Formation: **LKC A-C**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 07:59:15
 Time Test Ended: 11:46:00
 Interval: **3170.00 ft (KB) To 3208.00 ft (KB) (TVD)**
 Total Depth: **3208.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Randy Williams**
 Unit No: **54**
 Reference Elevations: **1936.00 ft (KB)**
1928.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 6668 **Outside**
 Press@RunDepth: **30.29 psig @ 3205.00 ft (KB)**
 Start Date: **2013.06.30** End Date: **2013.06.30**
 Start Time: **06:15:02** End Time: **11:46:00**
 Capacity: **8000.00 psig**
 Last Calib.: **2013.06.30**
 Time On Btm: **2013.06.30 @ 07:59:00**
 Time Off Btm: **2013.06.30 @ 10:30:45**

TEST COMMENT: IF-30- FBB, Built to 10"
 ISI-30- NBB
 FF-45- FBB, BOB in 24 min
 FSI-45- NBB



PRESSURE SUMMARY

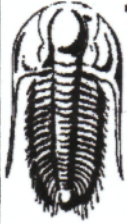
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.69	97.05	Initial Hydro-static
1	15.45	96.18	Open To Flow (1)
31	20.01	97.95	Shut-In(1)
61	403.55	98.50	End Shut-In(1)
62	21.26	98.42	Open To Flow (2)
107	30.29	99.29	Shut-In(2)
151	409.27	99.98	End Shut-In(2)
152	1510.06	100.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OWCM OIL 25%, WATER 25%, MUD 50%	0.56
0.00	148' GIP 100%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd Ste 800
Dallas TX 75225
ATTN: Wyatt Urban

19-17s-14w Barton,KS
Axman-Schenk Unit #1
Job Ticket: 50438 DST#: 2
Test Start: 2013.06.30 @ 19:35:00

GENERAL INFORMATION:

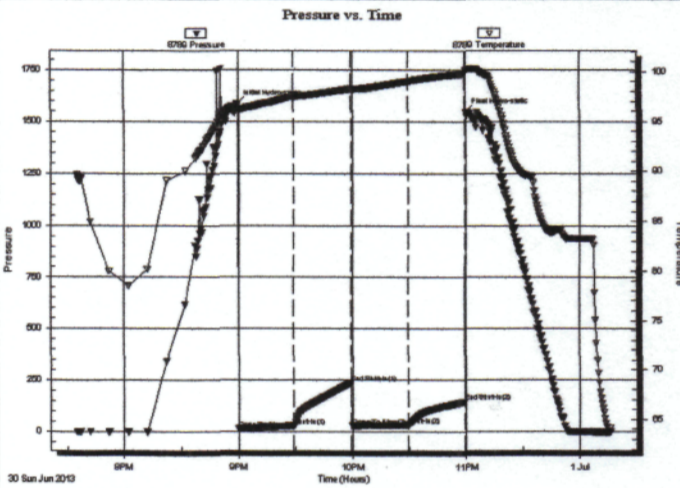
Formation: **LKC D-F**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 21:00:00
Time Test Ended: 00:15:45
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Randy Williams**
Unit No: **54**
Interval: **3224.00 ft (KB) To 3262.00 ft (KB) (TVD)**
Total Depth: **3262.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Reference Elevations: **1936.00 ft (KB)**
1928.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8789

Inside

Press@RunDepth: **34.11 psig @ 3259.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.06.30** End Date: **2013.07.01** Last Calib.: **2013.07.01**
Start Time: **19:35:02** End Time: **00:15:45** Time On Btm: **2013.06.30 @ 20:59:45**
Time Off Btm: **2013.06.30 @ 22:59:45**

TEST COMMENT: IF-30- WBB, Built to 2"
ISI-30- NBB
FF-30- WSB, 1"
FSI-30- NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.53	96.59	Initial Hydro-static
1	14.98	95.97	Open To Flow (1)
29	26.86	97.46	Shut-In(1)
60	237.96	98.26	End Shut-In(1)
61	28.30	98.21	Open To Flow (2)
90	34.11	99.04	Shut-In(2)
120	146.64	99.80	End Shut-In(2)
120	1544.87	100.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	WCM WATER 30%, MUD 70%	0.56

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations
 8411 Preston Rd Ste 800
 Dallas TX 75225
 ATTN: Wyatt Urban

19-17s-14w Barton,KS
Axman-Schenk Unit #1
 Job Ticket: 50439 **DST#: 3**
 Test Start: 2013.07.01 @ 11:25:00

GENERAL INFORMATION:

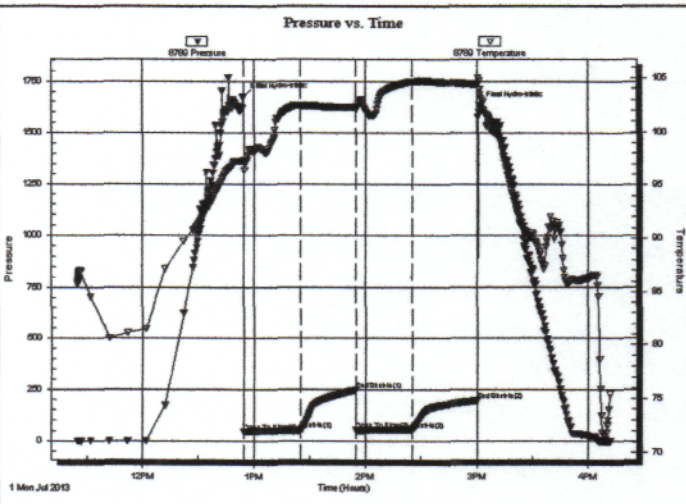
Formation: **LKC H-J**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 12:54:45
 Time Test Ended: 16:12:00
 Interval: **3310.00 ft (KB) To 3387.00 ft (KB) (TVD)**
 Total Depth: 3387.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Randy Williams
 Unit No: 54
 Reference Elevations: 1936.00 ft (KB)
 1928.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8789

Inside

Press@RunDepth: 57.94 psig @ 3377.00 ft (KB)
 Start Date: 2013.07.01 End Date: 2013.07.01
 Start Time: 11:25:02 End Time: 16:12:00
 Capacity: 8000.00 psig
 Last Calib.: 2013.07.01
 Time On Btrn: 2013.07.01 @ 12:54:30
 Time Off Btrn: 2013.07.01 @ 15:01:30

TEST COMMENT: IF-30- WBB, Built to 1 1/2"
 ISI-30- NBB
 FF-30- WSB, 1/4"
 FSI-30- NBB



PRESSURE SUMMARY

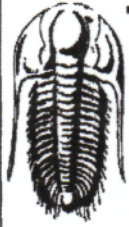
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.77	97.28	Initial Hydro-static
1	44.62	96.34	Open To Flow (1)
31	53.91	102.45	Shut-In(1)
61	247.13	102.29	End Shut-In(1)
61	53.79	102.17	Open To Flow (2)
91	57.94	104.66	Shut-In(2)
126	197.10	104.43	End Shut-In(2)
127	1633.59	103.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MUD 100%	0.42

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations
 8411 Preston Rd Ste 800
 Dallas TX 75225
 ATTN: Wyatt Urban

19-17s-14w Barton,KS
Axman-Schenk Unit #1
 Job Ticket: 50440 **DST#: 4**
 Test Start: 2013.07.02 @ 01:35:00

GENERAL INFORMATION:

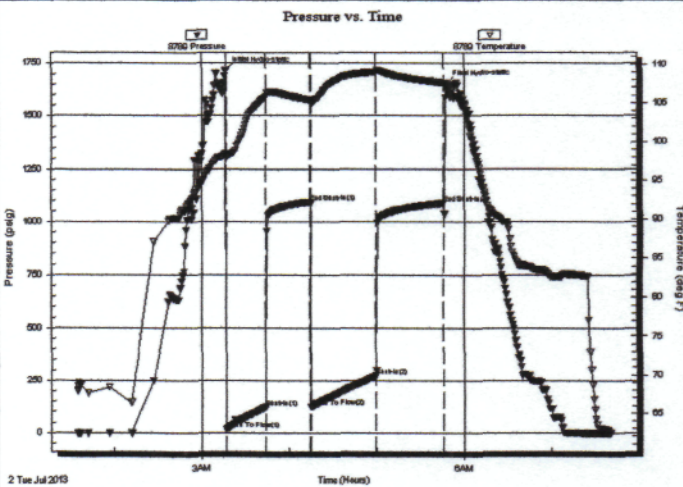
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:16:45
 Time Test Ended: 07:40:30
 Interval: **3398.00 ft (KB) To 3460.00 ft (KB) (TVD)**
 Total Depth: 3460.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: RAndy Williams
 Unit No: 54
 Reference Elevations: 1936.00 ft (KB)
 1928.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8789

Inside

Press@RunDepth: 273.15 psig @ 3432.00 ft (KB)
 Start Date: 2013.07.02 End Date: 2013.07.02
 Start Time: 01:35:02 End Time: 07:40:30
 Capacity: 8000.00 psig
 Last Calib.: 2013.07.02
 Time On Btm: 2013.07.02 @ 03:16:30
 Time Off Btm: 2013.07.02 @ 05:47:30

TEST COMMENT: IF-30- SBB, BOB 10 min
 ISI-30- NBB
 FF-45- SBB, BOB 11 min
 FSI-45- NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1716.75	98.49	Initial Hydro-static
1	17.32	97.98	Open To Flow (1)
28	122.22	105.84	Shut-In(1)
58	1093.07	105.37	End Shut-In(1)
59	124.25	104.98	Open To Flow (2)
103	273.15	109.03	Shut-In(2)
150	1086.89	107.62	End Shut-In(2)
151	1652.44	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MUD 50%, WATER 50%	1.68
456.00	WATER 100%	6.40

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. 7252

Date	6-27-13	Sec.	19	Twp.	17	Range	14	County	Bart	State	KS	On Location		Finish	11:15 AM
Lease	Axman-Schenk		Well No.	#1		Owner	Sinio								
Contractor	Southwind #3					To Quality Oilwell Cementing, Inc. You are hereby requested to rent, mounting equipment and furnish cementer and helper to assist own contractor to do work as listed.									
Type Job	Surface					Charge To									
Hole Size	12 1/4		T.D.	999		Street									
Csg.	95/8		Depth	900		City	Sta								
Tbg. Size			Depth			The above was done to satisfaction and sup									
Tool			Depth			of owner agent or contractor.									
Cement Left in Csg.	20ft		Shoe Joint			Cement Amount Ordered	350 60 300 Gel 2cc								
Meas Line			Displace	56 bb'											
EQUIPMENT						Common									
Pumptrk	15	No.	Cementer	Nick		Poz. Mix									
Bulktrk	4	No.	Helper	David		Gel.									
Bulktrk	PU	No.	Driver	Brett		Calcium									
JOB SERVICES & REMARKS						Hulls									
Remarks:						Salt									
Rat Hole						Flowseal									
Mouse Hole						Kol-Seal									
Centralizers						Mud CLR 48									
Baskets						CFL-117 or CD110 CAF 38									
D/V or Port Collar						Sand									
						Handling									
						Mileage									
						FLOAT EQUIPMENT									
						Guide Shoe									
						Centralizer									
						Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						Pumptrk Charge									
						Mileage									
						Tax									
						Discount									
						Total Charge									
X Signature	Jay Drier														

Cement

Circulated!

Quality

Cementing

ALLIED OIL & GAS SERVICES, LLC 056637

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>7.2.13</u>	SEC. <u>19</u>	TWP. <u>17</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>1000pm</u>	JOB FINISH <u>1100pm</u>
LEASE <u>Arman Schenk</u>	WELL # <u>#1</u>	LOCATION <u>K-4 and 281</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>2nd of K4 - 140' @ 3 1/2 W S into.</u>				

CONTRACTOR Southwind #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 3432'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT See "Remarks"

OWNER

CEMENT

AMOUNT ORDERED 700 60/40

41.2 gal 1/4" Flo-Seal

COMMON	<u>120sk</u>	@	<u>17.9</u>	\$ <u>2,148.00</u>
POZMIX	<u>80sk</u>	@	<u>9.35</u>	\$ <u>748.00</u>
GEL	<u>6.88sk</u>	@	<u>23.4</u>	\$ <u>160.99</u>
CHLORIDE		@		
ASC		@		

HANDLING 218.13 @ 2.43 \$ 540.97

MILEAGE 188.874 @ 2.60 \$ 491.07

TOTAL \$ 4,237.54

EQUIPMENT

PUMP TRUCK CEMENTER Tony I.

409 HELPER Nathan D.

BULK TRUCK

410 DRIVER Robert Y.

BULK TRUCK

DRIVER

REMARKS:

P1 = 50sk @ 3432' = 1.71 gal/slug
Dis = 4.99 gal/mud/ft

P2 = 25sk @ 951' = 4.10 gal/slug
Dis = 11.88 gal/ft

P3 = 85sk @ 373' = 13.96 gal/slug
Dis = .19 gal/ft

P4 = 10sk @ 40' = 1.64 gal/slug

1x 8 5/8" wooden Plug - Fill cement to surface

RATHOLE = 30sk

Thanks

SERVICE

DEPTH OF JOB 3432'

PUMP TRUCK CHARGE \$2,247.84

EXTRA FOOTAGE @

MILEAGE Accomp 21m @ 7.70 \$ 161.70

MANIFOLD Light 21m @ 4.40 \$ 92.40

TOTAL \$ 2,503.94

PLUG & FLOAT EQUIPMENT

1x 8 5/8" wooden Plug @ 85.41

TOTAL \$ 85.41

To: Allied Oil & Gas Services, LLC.
 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.

PRINTED NAME Jay Krue

SIGNATURE Jay Krue

SALES TAX (If Any)

TOTAL CHARGES \$ 6,826.87

DISCOUNT \$1,625.37 IF PAID IN 30 DAYS