Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1208908

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: Kitt Noah
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 #:

08/09/2010	08/17/2010	08/17/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25455-00-00
Spot Description:
NW NE SE SW Sec. 21 Twp. 17 S. R. 15 ☐ East ☑ West
1016 Feet from ☐ North / ☑ South Line of Section
3029 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: Barton
Lease Name: Biggs Well #: 2
Field Name:
Producing Formation: N/A
Elevation: Ground: 2017 Kelly Bushing: 2025
Total Vertical Depth: 3775 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1060 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: 44000 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:
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☑ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Deanna Garrison **Date:** 06/09/2014

1208908

Operator Name: Mai Oil Operations, Inc. Lease Name: Biggs Well #: 2

Sec. 21 Twp. 17 S. R. 15 ☐ East ☑ West County: Barton

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:

CNDL
DIL
Micro

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

Name	Top	Datum
Anhydrite	1056	+969
Topeka	3006	-981
Heebner	3240	-1215
Toronto	3252	-1227
Lansing	3299	-1274
Base Kansas City	3538	-1513
Arbuckle	3598	-1573

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	1060	60-40 POZ	350	2% gel, 3% CC
Production	7.875	5.5	14	3653	60-40 Poz	160	

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil Operations, Inc.

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Kitt Noah

Biggs #2

21-17s-15w-Barton, KS

Job Ticket: 39032 **DST#: 1**

Test Start: 2010.08.14 @ 12:59:17

GENERAL INFORMATION:

Formation: LKC-"B"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:31:45
Time Test Ended: 17:40:45

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3309.00 ft (KB) To 3328.00 ft (KB) (TVD)
Total Depth: 3328.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

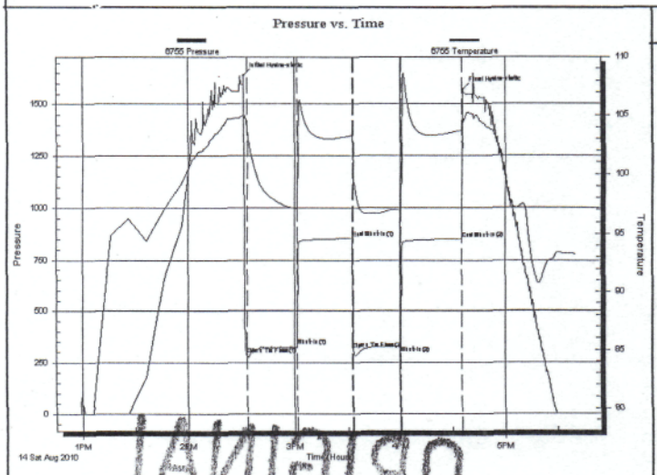
Reference Elevations: 2025.00 ft (KB)
2017.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 329.11 psig @ 3310.00 ft (KB)
Start Date: 2010.08.14 End Date: 2010.08.14
Start Time: 12:59:17 End Time: 17:40:45

Capacity: 8000.00 psig
Last Calib.: 2010.08.14
Time On Btm: 2010.08.14 @ 14:31:15
Time Off Btm: 2010.08.14 @ 16:36:00

TEST COMMENT: IFP-Strong,BOB on Open,Gas To Surface in 2 Min.,Gauging Gas
ISI-Dead
FFP-Strong,BOB in 2 Min.,Gauging Gas
FSI-Blow back Built to 1"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.09	105.02	Initial Hydro-static
2	286.54	103.86	Open To Flow (1)
31	329.11	97.14	Shut-In(1)
62	854.94	103.28	End Shut-In(1)
62	314.29	99.11	Open To Flow (2)
90	329.29	96.92	Shut-In(2)
124	851.95	103.72	End Shut-In(2)
125	1568.94	104.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Watery Mud-20%W-80%M	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	95.00	1708.81
Last Gas Rate	0.75	100.00	1786.91
Max. Gas Rate	0.75	100.00	1786.91

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil Operations,Inc.

8411 Preston Road
Suite 800
Dallas,TX. 75225
ATTN: Kitt Noah

Biggs #2

21-17s-15w-Barton,KS

Job Ticket: 39033 **DST#: 2**

Test Start: 2010.08.15 @ 03:10:58

GENERAL INFORMATION:

Formation: LKC-"E-F"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:49:13
Time Test Ended: 09:27:28

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

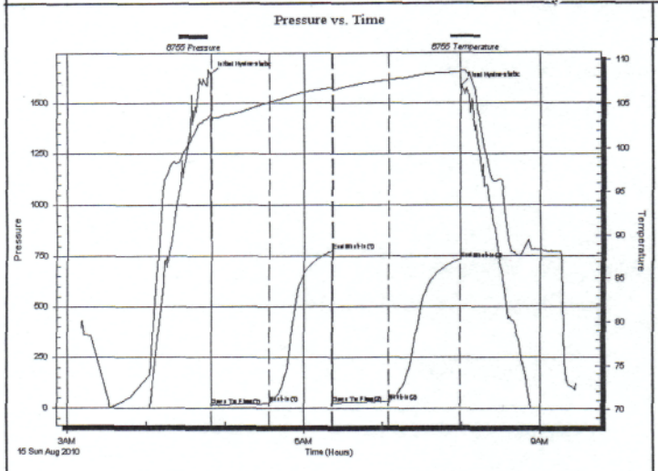
Interval: 3361.00 ft (KB) To 3392.00 ft (KB) (TVD)
Total Depth: 3392.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2025.00 ft (KB)
2017.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 **Inside**
Press@RunDepth: 33.56 psig @ 3364.00 ft (KB)
Start Date: 2010.08.15 End Date: 2010.08.15
Start Time: 03:11:00 End Time: 09:27:28

Capacity: 8000.00 psig
Last Calib.: 2010.08.15
Time On Btm: 2010.08.15 @ 04:48:58
Time Off Btm: 2010.08.15 @ 07:59:43

TEST COMMENT: IFP-Fair Blow ,Built to 8"
ISI-Dead
FFP-Fair Blow ,Built to 6"
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.38	103.85	Initial Hydro-static
1	13.77	102.91	Open To Flow (1)
45	25.06	105.22	Shut-In(1)
93	777.20	106.85	End Shut-In(1)
93	25.35	106.58	Open To Flow (2)
136	33.56	107.77	Shut-In(2)
190	735.90	108.64	End Shut-In(2)
191	1582.47	108.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	VSOCWM-5%O-20%W-75%M	0.70
0.00	70' Gas In Pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Kitt Noah

Biggs #2

21-17s-15w-Barton, KS

Job Ticket: 39034 **DST#: 3**

Test Start: 2010.08.15 @ 21:57:04

GENERAL INFORMATION:

Formation: LKC-"H-J"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:46:19
Time Test Ended: 02:23:34

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3436.00 ft (KB) To 3492.00 ft (KB) (TVD)
Total Depth: 3492.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

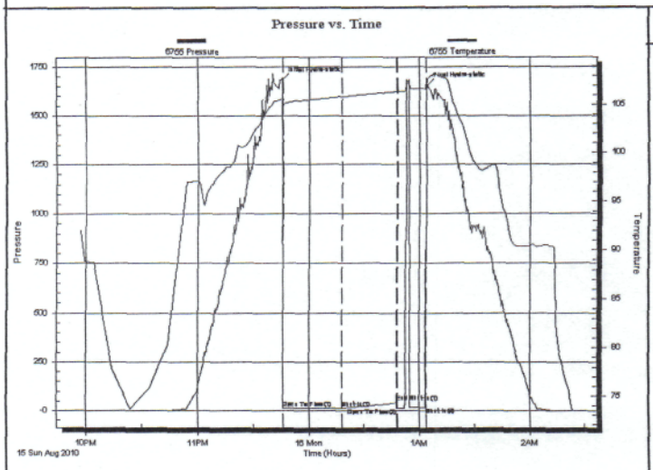
Reference Elevations: 2025.00 ft (KB)
2017.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 15.02 psig @ 3471.00 ft (KB)
Start Date: 2010.08.15 End Date: 2010.08.16
Start Time: 21:57:06 End Time: 02:23:34

Capacity: 8000.00 psig
Last Calib.: 2010.08.16
Time On Btm: 2010.08.15 @ 23:45:49
Time Off Btm: 2010.08.16 @ 01:04:04

TEST COMMENT: IFP-Surface Blow ,Died in 14 Min.
ISI-Dead
Dead,Flush Tool,Still Dead,Pull Tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.45	105.61	Initial Hydro-static
1	13.06	104.83	Open To Flow (1)
33	15.02	105.80	Shut-In(1)
62	42.80	106.33	End Shut-In(1)
63	14.38	106.31	Open To Flow (2)
78	16.91	106.63	Shut-In(2)
79	1656.32	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

Gas Rates

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

Rock Samples Included

MAI OIL OPERATIONS, INC.

Geological Report

Biggs #2

105'S & 145'E NW NE SE SW
Section 21-17S-15W
Barton County, Kansas

Kitt Noah
Petroleum Geologist
551 W. Ness . Valley Center, Kansas . 67147
316.755.0058
Kansas Licensed Geologist #229

Biggs #2 Summary

OPERATOR:	Mai Oil Operations, Inc.
WELL:	Biggs #2
LOCATION:	105'S & 145'E NW NE SE SW *(1000'FS & 2240'FW)* Section 21-17S-15W Barton County, Kansas API #15-009-25,455
FIELD:	Wildcat
CONTRACTOR:	Southwind Drilling Company – Rig #3
DRILLING COMMENCED:	August 9, 2010
DRILLING COMPLETED:	August 17, 2010
DRILLING TIME:	One (1) foot drilling time was recorded from 1000' to 1100' and 2950' to TD.
SAMPLES:	Samples were saved and examined from 2950' to TD.
ELEVATION:	2017 Ground Level 2025 Kelly Bushing
MEASUREMENTS:	All depths measured from **2025 KB**
CASING RECORD:	8 5/8" Surface set @ 1060' with 350 sxs. 60/40 poz 5 ½" Production set @ 3653' with 160 sxs.
FORMATION TESTING:	Trilobite Testing Co., Inc. - Hays Jason McLemore, Tester
MUD:	Mudco/Service Mud Co., Inc. – chemical mud Mud Up Depth: 2900' Rick Hughes/Gary Schmidtberger, Mud Engineer
OPEN HOLE LOGS:	Superior Wireline Services: CDNL, DIL, Micro Jeff Groneweg, Logging Engineer
TOTAL DEPTH:	RTD 3660 LTD 3660
PRODUCTION:	Saltwater Disposal Well

Biggs #2 Drilling Report

Mai Oil Operations, Inc.
Biggs #2
105'S & 145'E NW NE SE SW
(1000'FS & 2240'FW)
Section 21-17S-15W
Barton County, Kansas
#15-009-25,455
GALATIA SOUTH PROJECT

KB: 2025
GL: 2017

Reference Well A: *Mai Biggs #1 App NW NW SE SW Section 21-17S-15W*
Reference Well B: *Mai Gerard Axman #1 App SE NW NW NW Section 28-17S-15W*

All depths corrected to log measurements.

		A:	B:
SAMPLE TOPS			
Anhydrite	1056 (+969)	flat	+2
B/Anhydrite	1078 (+947)	+4	+7
Topeka	3007 (-982)	-1	+14
Heebner	3241 (-1216)	-1	+16
Toronto	3252 (-1227)	flat	+20
Lansing	3299 (-1274)	-2	+16
Mun Creek	3440 (-1415)	-2	+15
B/KC	3538 (-1513)	-3	+13
Arbuckle	3598 (-1573)	-37	-28
RTD	3660 (-1635)		

		A:	B:
ELECTRIC LOG TOPS			
Anhydrite	1056 (+969)	flat	+2
B/Anhydrite	1077 (+948)	+5	+8
Topeka	3006 (-981)	flat	+15
Heebner	3240 (-1215)	flat	+17
Toronto	3252 (-1227)	flat	+20
Lansing	3299 (-1274)	-2	+16
Mun Creek	3441 (-1416)	-3	+14
B/KC	3538 (-1513)	-3	+13
Arbuckle	3598 (-1573)	-37	-28
LTD	3660 (-1635)		

Sample Shows and Drill Stem Tests:

Plattsmouth 50' zn: *Circulate 3195'*
Limestone, cream-gray; fossiliferous; isolated vugular porosity; slightly dolomitic; 3-4 pieces dark brown saturated stain –appears tite in dry sample; fair show of free oil – possible show of gas on break; slight questionable odor.

Toronto: *Circulate 3270'*
Limestone, cream; fossiliferous and oolitic; poor to fair interparticle porosity; medium to dark brown spotty stain; 1 rare piece saturated stain; slight show of free oil; slight odor.

Lansing "A":
Limestone, cream; slightly fossiliferous; poor interparticle porosity – predominantly dense; few pieces light brown spotty edge stain; very slight show of free oil; no odor.

Lansing "B": *Circulate 3328'* **DST #1**
Limestone, cream; fossiliferous and oolitic; some suboolicastic; pelletoid; fair interparticle porosity; light golden brown subsaturated stain; slight show of free oil – some gas on break; slight odor. *Odor increasing in 40" circulation sample: fair gassy odor...*

DST #1: *Trilobite Testing Co., Inc. - Hays*
Lansing "B" *Jason McLemore; Tester*
3309-3328
1st Op: BOB Immediately; GTS in 2"; Gas Sample Taken
Ga 1,786.91 MCFD/100psi/3/4" orifice
No Blowback
2nd Op: BOB 2"
Ga 1,786.91 MCFD/100psi/3/4" orifice
1" Blowback

Rec:
GTS
75' WM (20%W, 80%M)

IFP: 329-374#/30"
ISIP: 855#/30"
FFP: 314-329#/30"
FSIP: 852#/30"

Pipe Strap at 3328': .11 Board Long

Lansing "C": *Circulate 3345'*
Limestone, cream-tan; very oolicastic; dolomitic; fair oolicastic porosity; light brown isolated spotty stain –oolicastic porosity predominantly barren; very slight show of free oil; fair gassy odor.

Lansing "Upr F": **DST #2**
Limestone, tan; fossiliferous; very oolitic; pelletoid; poor interparticle porosity; mealy and subchalky; medium to dark brown subsaturated stain; slight show of free oil; slight to fair odor.

Lansing "Lwr F": *Circulate 3392'* **DST #2**
Limestone, cream; fossiliferous and oolitic; dolomitic; poor to fair interparticle and pinpoint porosity; medium to dark brown saturated stain; slight to fair show of free oil; fair gassy odor; scattered pieces white chert.

DST #2: *Trilobite Testing Co., Inc. - Hays*
Lansing "E-F" *Jason McLemore; Tester*
3361-3392
1st Op: Fair Bldg 8"

No Blowback
2nd Op: Fair Bldg 6"
No Blowback
Rec:
70' GIP
50' VSOCWM (5%O,20%W, 75%M)

IFP: 14-25#/45"
ISIP: 777#/45"
FFP: 25-34#/45"
FSIP: 736#/45"

Lansing "G": *Circulate 3402'*
Limestone, white; fossiliferous and oolicastic; dolomitic; poor to fair oolicastic porosity; scattered pieces with medium brown spotty to subsaturated stain; good show of free oil; fair gassy odor; abundant pieces barren oolicastic porosity in 40" and 60" circulation sample.

Lansing "H": *Circulate 3456'* **DST #3**
Limestone, cream; fossiliferous and slightly oolicastic; poor to scattered fair interparticle porosity; few pieces very light brown spotty stain; very slight show of free oil; slight to fair gassy odor.

Lansing "I": *Circulate 3475'* **DST #3**
Limestone, cream; very oolitic; poor to fair interparticle porosity; very dark heavy asphaltic subsaturated stain – appears chalky in dry; heavy tar on break; fair to good gassy odor.

Lansing "J": *Circulate 3492'* **DST #3**
Limestone, cream; few scattered pieces oolicastic porosity; poor interparticle porosity; very dark brown subsaturated to saturated stain; slight show of free oil; slight odor.

DST #3: *Trilobite Testing Co., Inc. - Hays*
Lansing "H-J" *Jason McLemore; Tester*
3436-3492
1st Op: Weak Surface; Died 14"
No Blowback
2nd Op: Dead; Flush Tool; No Help; Pulled Test

Rec:
10' Mud

IFP: 13-15#/30"
ISIP: 43#/30"
FFP: 14-17#/10"
FSIP: Not Taken

Lansing "K":
Limestone, cream; very oolitic; isolated vugular porosity; poor interparticle porosity; 1-2 pieces very light brown spotty stain; very slight show of free oil; no odor.

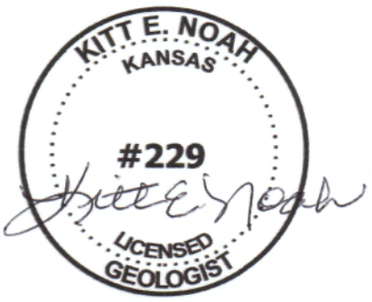
No shows in Arbuckle…barren and pyritic.

5 ½" production casing will be run for completion as saltwater disposal well…

FINAL REPORT

Respectfully submitted,

Kitt Noah
Petroleum Geologist



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. 4181

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-10-10	21	17	15	Barton	Kansas		5:00pm

Lease Biggs Well No. 2 Location Galatia 2W 5S 3E Mnto

Contractor Southwind Drilling Rig 3

Type Job Surface

Hole Size 12¼ T.D. 1060

Csg. 8⅝ 23# Depth 1060

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint

Meas Line Displace 64¾ BBL

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 Mac Oil Operations

Street

City State

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

Cement Amount Ordered 350 60/40 3%CC 2%Gel

EQUIPMENT

Pumptrk 1	No.	Cementer	
		Helper	Steve
Bulktrk 10	No.	Driver	
		Driver	Brandon
Bulktrk	No.	Driver	
		Driver	Rocky

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement did Circulate

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	
1 Big Blue Plug	
1 8⅝ Rubber Plug	
Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

X Signature

ALLIED CEMENTING CO., LLC. 041859

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell KS

DATE 8-17-10	SEC. 21	TWP. 17	RANGE 15	CALLED OUT	ON LOCATION	JOB START 8:00am	JOB FINISH 8:45am
LEASE Biggs	WELL # 2		LOCATION Galatia 2 West to Rd 120 South 130th Rd ½ East North into			COUNTY Barton	STATE KS
OLD OR ~~NEW~~ (Circle one)							

CONTRACTOR Southwind Drilling Rig #3
TYPE OF JOB Production String
HOLE SIZE 7 7/8 T.D. 3660'
CASING SIZE 86 jts 5½ 14# DEPTH 3653
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 21.30'
CEMENT LEFT IN CSG. 21.30
~~PERFS~~. Insert @ 3631.7
DISPLACEMENT 88.6 Bbl

OWNER

CEMENT
AMOUNT ORDERED 160 60/40 10% Salt 2% Gel ¼# Fl
1000 WFR-2

EQUIPMENT

PUMP TRUCK # 398 CEMENTER John Roberts
HELPER Richard TWS
BULK TRUCK # 410 DRIVER Daniel TWS
BULK TRUCK # DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
HANDLING	@	
MILEAGE		
	TOTAL	

REMARKS:

Ran 86 jts 5½ 14# casing 3653' insert @ 3631.7' Plug rathole w/ 30 sks cement Pump 1000 gal WFR-2 Mix 130 sk cement displace plug w/ 88 Bbl H2O.

Land plug @ 1600psi Float Did Hold.

Thanks!

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE @
MANIFOLD @
@
@
TOTAL

CHARGE TO: Mai Oil Operations
STREET
CITY STATE ZIP

5½ PLUG & FLOAT EQUIPMENT

AFU Float Shoe	@	
Latch down Plug	@	
9-Turbolizers	@	
	@	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment