Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1186983

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 #:

10/23/2013	10/29/2013	10/29/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23910-00-00
Spot Description:
NE - SW - SE - NW Sec. 21 Twp. 14 S. R. 12 ☐ East ☑ West
2125 Feet from ☑ North / ☐ South Line of Section
1875 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: Herber 'A' Well #: 1
Field Name:
Producing Formation: Tarkio sand
Elevation: Ground: 1717 Kelly Bushing: 1725
Total Vertical Depth: 3276 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 349 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: 54000 ppm Fluid volume: 80 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Mai oil Operations, Inc.
Lease Name: Letsch License #: 5259
Quarter NW Sec. 26 Twp. 14 S. R. 13 ☐ East ☑ West
County: Russell Permit #: D23087

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] 1186983

Operator Name: Mai Oil Operations, Inc. Lease Name: Herber 'A' Well #: 1

Sec. 21 Twp. 14 S. R. 12 ☐ 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	349	60-40 POZ	200	2% gel, 3% CC
Production	7.875	5.5	14	3264	60-40 POZ	225	

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	Herber 'A' 1
Doc ID	1186983

Tops

Name	Top	Datum
Anhydrite	626	+1099
Tarkio Lm	2275	-550
Topeka	2551	-826
Heebner	2791	-1066
Toronto	2809	-1084
Lansing	2875	-1150
Base Kansas City	3159	-1434
Arbuckle	3225	-1500

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Herber 'A' 1
Doc ID	1186983

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	349	60-40 POZ	200	2% gel, 3% CC
Production	7.875	5.5	14	3264	60-40 POZ	225	

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 Inc.
Herber 'A' #1
NE-SW-SE-NW (2125' FNL & 1875' FWL)
Section 21-14s-12w
Russell County, KS

5 ½" Production Casing Set

Contractor: Southwind Drilling Company (Rig #3)

Commenced: October 23, 2013

Completed: October 29, 2013

Elevation: 1725' K.B; 1723' D.F; 1717' G.L.

Casing program: Surface; 8 5/8" @ 349'
Production 5 ½" @ 3273'

Sample: Samples saved and examined 2100' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2100 ft to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There were three (3) 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.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	626	+1099
Base Anhydrite	649	+1076
Grand Haven	2200	-475
1st Tarkio Sand	2213	-488
Dover	2224	-499
2nd Tarkio Sand	2232	-507
Tarkio Lime	2275	-550
3rd Tarkio Sand	2308	-583
Elmont	2336	-611
Howard	2477	-752
Topeka	2551	-826
Heebner	2791	-1066
Toronto	2809	-1084
Lansing	2875	-1150
Base Kansas City	3159	-1434
Conglomerate	3175	-1447
Arbuckle	3225	-1500
Rotary Total Depth	3274	-1549
Log Total Depth	3276	-1551

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

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

1ST TARKIO SAND SECTION

2213-2218' Sand; gray, very fine grained, silty, micaceous, poor visible porosity, trace stain, trace free oil and no odor.

2ND TARKIO SAND SECTION

2232-2246' Sand; white and gray, very fine grained, calcareous, poor visible porosity, trace stain, show of free oil and questionable odor.

Drill Stem Test #1 2207-2246'

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

Blow: **Weak**

Recovery: **230' gas in pipe**
70' oil and gas cut mud
(15% gas, 10% oil, 75% mud)

Pressures:			
	ISIP	**522**	**psi**
	FSIP	**572**	**psi**
	IFP	**14-29**	**psi**
	FFP	**31-48**	**psi**
	HSH	**1018-1008**	**psi**

3RD TARKIO SAND THROUGH TOPEKA SECTION

2308-2790' There were several zones of well-developed porosity encountered in the drilling of the Willard Sand (3rd Tarkio Sand) through Topeka section but no shows of oil and/or gas was noted.

TORONTO SECTION

2809-2820' Limestone; white/gray, fine and medium crystalline, dolomitic, brown stain, no free oil and no odor in fresh samples.

LANSING SECTION

2883-2896' Limestone; white, cream, tan, oolitic, chalky, trace brown stain, trace of free oil and questionable odor in fresh samples.

2910-2916' Limestone; tan, finely oomoldic, few highly oolitic, questionable stain, no free oil and no odor in fresh samples.

2935-2944' Limestone; tan, gray, fossiliferous, oolitic, chalky, poor visible porosity, no shows.

2956-2960' Limestone; white, cream, oolitic, sub oomoldic, chalky, trace poor stain, trace of free oil and no odor in fresh samples.

Drill Stem Test #2 **2881-2964'**

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

Blow: **Weak**

Recovery: **35' mud, few oil spots**

Pressures:

ISIP	**564**	**psi**
FSIP	**529**	**psi**
IFP	**16-29**	**psi**
FFP	**29-37**	**psi**
HSH	**1443-1387**	**psi**

2966-2980' Limestone; white, cream, finely oomoldic/oolitic, fair porsotiy, no shows.

2980-2995' Limestone; as above.

3022-3030' Limestone; white, gray, finely crystalline, few fossiliferous, no shows.

3043-3050' Limestone; tan, white, oolitic, poorly developed porsoity, no shows.

3058-3068' Limesotne; white, cream, oomoldic, chalky, trace stain, show of free oil and no odor in fresh samples.

3095-3104' Limestone; white, sub oomoldic, chalky, no shows.

Drill Stem Test #3 **3046-3114'**

Times: **20-20-20-20**

Blow: **Weak**

Recovery: **20' mud**

Pressures:

ISIP	**784**	**psi**
FSIP	**765**	**psi**
IFP	**16-23**	**psi**
FFP	**24-28**	**psi**
HSH	**1505-1489**	**psi**

3125-3140' Limestone; white, gray, fine and medium crstyalline, chalky, poor porosity, no shows.

CONGLOMERATE SECTION

3175-3225' Varied colored chert in matrix of varied colored sandy shale, with loose rounded quartz grains, no shows.

ARBUCKLE SECTION

3225-3230' Dolomite; tan, finely crystalline, slightly cherty, dense.

3230-3250'	Dolomite; tan, finely cryatline, sucrosic, poorly developed porosity, cherty in part, no shows.
3250-3260'	Dolomite; as above, sucrosic, no shows.
3260-3274'	Dolomite; white/gray, finely crystalline, oolitic, few with vuggy type porosity, no shows.

Rotary Total Depth **3274 (-1549)**
Log Total Depth **3276 (-1551)**

Recommendations:
5 ½" production casing was set and cemented on the Herber 'A' #1.

Respectfully submitted;

James C. Musgrove
Petroleum Geologist

JAMES C. MUSGROVE LICENSED 307 KANSAS GEOLOGIST

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Mai Oil Co Inc

8411 Preston Rd.
STE 800
Dallas Tx 75225-5520
ATTN: Kurt Mai, Jim Musgro

21-14s-12w Russell,KS

Herber "A" #1

Job Ticket: 54360 **DST#: 1**

Test Start: 2013.10.26 @ 03:55:10

GENERAL INFORMATION:

Formation: **Tarkio**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:27:35
Time Test Ended: 09:12:04

Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 70

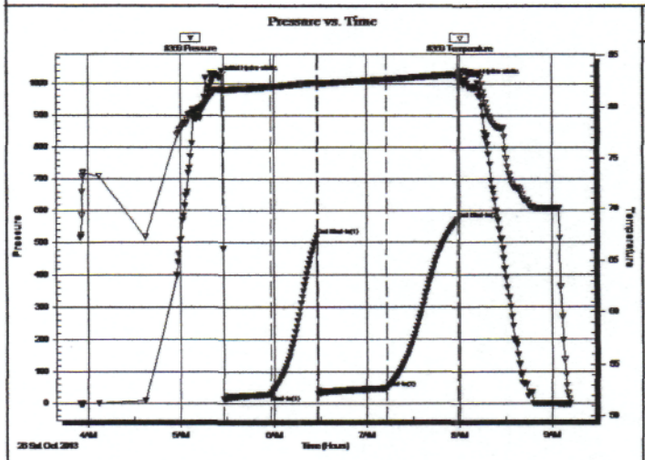
Interval: 2207.00 ft (KB) To 2246.00 ft (KB) (TVD)
Total Depth: 2246.00 ft (KB) (TVD)
Hole Diameter: 7.88 *inches Hole Condition: Fair*

Reference Elevations: 1723.00 ft (KB)
1715.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8369 **Inside**
Press@RunDepth: 48.77 psig @ 2213.00 ft (KB)
Start Date: 2013.10.26 End Date: 2013.10.26
Start Time: 03:55:10 End Time: 09:12:04

Capacity: 8000.00 psig
Last Calib.: 2013.10.26
Time On Btm: 2013.10.26 @ 05:24:50
Time Off Btm: 2013.10.26 @ 08:01:50

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1 1/4" bl
30-ISIP-no bl
30-FFP-w k to a strg bl in 35 min
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1018.63	81.68	Initial Hydro-static
3	14.44	81.61	Open To Flow (1)
33	29.33	81.94	Shut-In(1)
64	522.76	82.36	End Shut-In(1)
64	31.67	82.29	Open To Flow (2)
109	48.77	82.70	Shut-In(2)
155	572.36	83.20	End Shut-In(2)
157	1008.32	83.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	230' GIP	0.00
70.00	O&GCM 15%G10%O75%M	0.34

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Co Inc

8411 Preston Rd.
STE 800
Dallas Tx 75225-5520
ATTN: Kurt Mai, Jim Musgro

21-14s-12w Russell,KS

Herber "A" #1

Job Ticket: 54361 **DST#: 2**

Test Start: 2013.10.27 @ 16:01:03

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:19:58
Time Test Ended: 20:26:27

Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 70

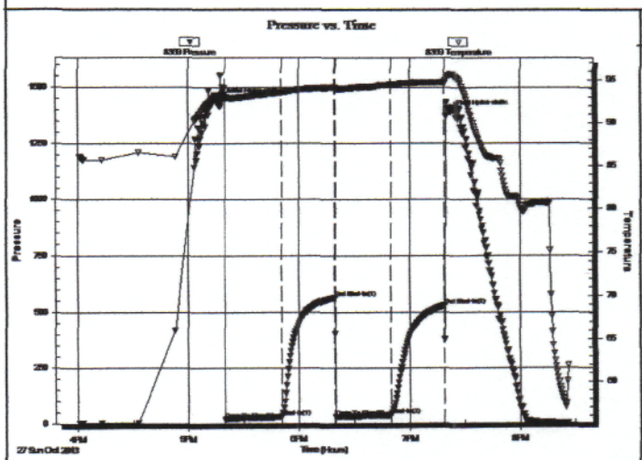
Interval: 2881.00 ft (KB) To 2964.00 ft (KB) (TVD)
Total Depth: 2964.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches *Hole Condition:* Fair

Reference Elevations: 1723.00 ft (KB)
1715.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8369 **Inside**
Press@RunDepth: 37.13 psig @ 2883.00 ft (KB)
Start Date: 2013.10.27 End Date: 2013.10.27
Start Time: 16:01:03 End Time: 20:26:27

Capacity: 8000.00 psig
Last Calib.: 2013.10.27
Time On Btm: 2013.10.27 @ 17:18:28
Time Off Btm: 2013.10.27 @ 19:22:13

TEST COMMENT: 30-IFP-wk bl thru-out 1/4" bl
30-ISIP-no bl
30-FFP-vy wk surface bl thru-out
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1443.49	93.24	Initial Hydro-static
2	16.56	92.65	Open To Flow (1)
32	29.53	93.53	Shut-In(1)
61	564.12	94.10	End Shut-In(1)
62	29.72	93.96	Open To Flow (2)
92	37.13	94.43	Shut-In(2)
121	529.09	94.73	End Shut-In(2)
124	1387.08	95.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud	0.17

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Co Inc

8411 Preston Rd.
STE 800
Dallas Tx 75225-5520
ATTN: Kurt Mai, Jim Musgro

21-14s-12w Russell,KS

Herber "A" #1

Job Ticket: 54362 **DST#: 3**

Test Start: 2013.10.28 @ 08:35:37

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:53:17
Time Test Ended: 12:22:32

Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 70

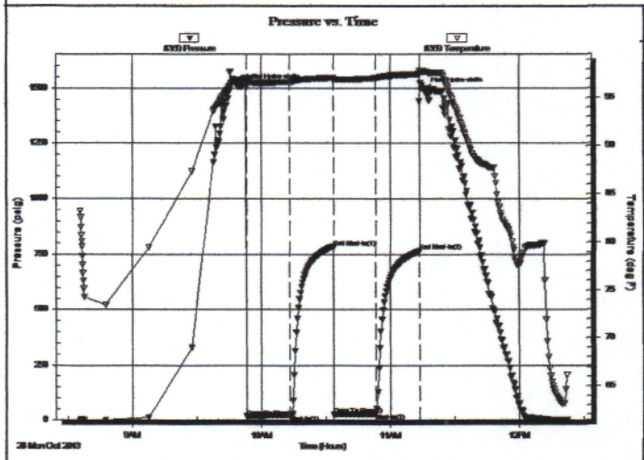
Interval: 3046.00 ft (KB) To 3114.00 ft (KB) (TVD)
Total Depth: 3114.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1723.00 ft (KB)
1715.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8369 **Inside**
Press@RunDepth: 28.91 psig @ 3053.00 ft (KB)
Start Date: 2013.10.28 End Date: 2013.10.28
Start Time: 08:35:37 End Time: 12:22:32

Capacity: 8000.00 psig
Last Calib.: 2013.10.28
Time On Btm: 2013.10.28 @ 09:50:47
Time Off Btm: 2013.10.28 @ 11:16:17

TEST COMMENT: 20-IFP-w k bl thru-out 1/4" bl
20-ISIP-no bl
20-FFP-no bl
20-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1505.57	96.83	Initial Hydro-static
3	16.10	96.13	Open To Flow (1)
23	23.19	96.64	Shut-In(1)
43	784.13	97.07	End Shut-In(1)
43	24.65	96.79	Open To Flow (2)
63	28.91	97.02	Shut-In(2)
83	765.69	97.45	End Shut-In(2)
86	1489.44	97.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.28

* Recovery from multiple tests

Gas Rates

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

ALLIED OIL & GAS SERVICES, LLC 054814

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell KS

DATE 10-24-13	SEC. 21	TWP. 14	RANGE 12	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Herber	WELL # A-1		LOCATION Bunker Hill 2E 2S Einlo			COUNTY Russell	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Southwind #3
TYPE OF JOB surface
HOLE SIZE 12¼ T.D. 349
CASING SIZE 8⅝ 23# DEPTH 349
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 15
CEMENT LEFT IN CSG. 15
PERFS.
DISPLACEMENT 21¼ bbl

OWNER

CEMENT
AMOUNT ORDERED 200 60/40 3%cc 2%gel

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y
417 HELPER Woody O
BULK TRUCK
378 DRIVER Joe G
BULK TRUCK
DRIVER

COMMON	120	@ 17.90	2148.00
POZMIX	80	@ 9.35	748.00
GEL	3.44	@ 23.40	80.50
CHLORIDE	6.45	@ 64.00	412.80
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	134.88 CFT	@ 2.48	334.51
MILEAGE	72.84 t/m	2.60	189.38
		TOTAL	3913.19

REMARKS:

ran 8 jts 8⅝ 23# csg receive circulation mix 200 sk 60/40 3%cc 2%gel displaced 21¼ bbl of water shut in

cement did circulate to surface

Thank you

SERVICE

DEPTH OF JOB 349
PUMP TRUCK CHARGE 1512.25
EXTRA FOOTAGE @
MILEAGE 12 HVMI @ 7.70 92.40
MANIFOLD @
12 LVMI @ 4.40 52.80
@
TOTAL 1657.45

CHARGE TO: Mai Oil
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any)
TOTAL CHARGES 5570.64
DISCOUNT 1114.13 IF PAID IN 30 DAYS
4456.51

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 Krier

SIGNATURE Jay Krier

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 **Home Office P.O. Box 32 Russell, KS 67665** **No.** 7226
Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-29-13	21	14	12	Russell	KS		4:00 PM

Location Bunker hill & Hwy 40, 2E, 2S, En2

Lease Herber A Well No. #1

Contractor Southwind #3

Type Job long string

Hole Size 7 7/8 T.D. 3276

Csg. 5 1/2 #14 Depth 3266.74

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint 21.45

Meas Line Displace 79.18661

EQUIPMENT

Pumptrk 16 No. Cementer Helper Billy Travis

Bulktrk 8 No. Driver Driver Lonnie M.

Bulktrk 3 No. Driver Driver Chad

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30sx

Mouse Hole

Centralizers 1-9, 12, 24, 27

Baskets #2, 14

D/V or Port Collar

Pipe on bottom break circulation pumped 1000gal Mud CLR 48 with 10661 tubbing + Pluged Rat hole with 30sx Hooked to 5 1/2 Mud #195 sx 60/40 18% salt 2% gel 1/4 Flow followed by 100 sx 60/40 10% salt 2% gel 1/4 Flow shut down washed pump and lines Realsed plug and displaced with 79.18661 fw plug landed and held

Lift pressure 900 psi

Plug landed @ 1400 psi

X Signature

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 Maj Oil

Street

City State

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

Cement Amount Ordered 125 sx 60/40 18% salt 2% gel 1/4 Flow
100 sx 60/40 10% salt 2% gel 1/4 Flow

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	1000gal
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	12 Turbo's
Baskets	2 Red
AFU Inserts	
Float Shoe	1
Latch Down	1
Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	