Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1119390

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 #:

01/09/2013	01/15/2013	01/15/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23849-00-00
Spot Description:
NE - NE - NW - NE Sec. 9 Twp. 15 S. R. 14 ☐ East ☑ West
80 Feet from ☑ North / ☐ South Line of Section
1605 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: Schmitt Well #: 7
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1770 Kelly Bushing: 1778
Total Vertical Depth: 3291 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 430 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: 71000 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: 02/21/2013
☑ **Confidential Release Date:** 02/21/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/27/2013

1119390

Operator Name: Mai Oil Operations, Inc. Lease Name: Schmitt Well #: 7

Sec. 9 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:

CNDL
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	430	60-40 POZ	225	2% gel, 3% CC
Production	7.875	5.5	14	3285	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	Schmitt 7
Doc ID	1119390

Tops

Name	Top	Datum
Anhydrite	761	+1017
Tarkio Lime	2414	-636
Topeka	2679	-901
Heebner	2709	-1131
Toronto	2925	-1147
Lansing	2968	-1190
Base Kansas City	3174	-1396
Arbuckle	3223	-1445

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

February 21, 2013

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

Re: ACO1
API 15-167-23849-00-00
Schmitt 7
NE/4 Sec.09-15S-14W
Russell 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
Schmitt #7
NE-NE-NW-NE (80' FNL & 1605' FEL)
Section 9-15s-14w
Russell County, Kansas

5 ½" Production Casing Set

Contractor: Southwind Drilling Co. (Rig #3)

Commenced: January 9, 2013

Completed: January 15, 2013

Elevation: 1778' K.B; 1776' D.F; 1770' G.L.

Casing program: Surface; 8 5/8" @ 430'
Production; 5 ½" @ 3290'

Sample: Samples saved and examined 2200' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2200 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; Dual Induction, Compensated Density/Neutron Log and Micro.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	761	+1017
Base Anhydrite	800	+978
Grand Haven	2344	-566
1st Tarkio Sand	2351	-573
Dover	2369	-591
2nd Tarkio Sand	2376	-598
Tarkio Lime	2414	-636
Elmont	2476	-698
Howard	2614	-836
Topeka	2679	-901
Heebner	2709	-1131
Toronto	2925	-1147
Lansing	2968	-1190
Base Kansas City	3174	-1396
Arbuckle	3223	-1445
Rotary Total Depth	3290	-1512
Log Total Depth	3291	-1513

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

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

1ST TARKIO SAND SECTION

2351-2361 Sand; gray, very fine grained, silty, shaley, no shows.

2ND TARKIO SAND SECTION

Sand; gray, green, very fine grained, sub rounded, few sub angular, friable, brown stain, trace of free oil and faint odor.

Drill Stem Test #1 2340-2400'

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

Blow: **Weak to strong**

Recovery: **135' oil cut gassy mud**
(10% gas, 10% oil, 80% mud)

Pressures:

ISIP	**566**	**psi**
FSIP	**558**	**psi**
IFP	**26-68**	**psi**
FFP	**68-81**	**psi**
HSH	**1116-1080**	**psi**

TOPEKA SECTION

2846-2853' Limestone; gray, white, finely crystalline, chalky, scattered porosity, trace brown stain, no show of free oil and no odor in fresh samples.

TORONTO SECTION

2925-2940' Limestone; tan, cream, finely crystalline, poor visible porosity, trace brown stain, no free oil and no odor in fresh samples.

LANSING SECTION

2968-2980' Limestone; tan, brown, few fossiliferous, chalky, questionable brown stain, no show of free oil and faint to fair odor in fresh samples.

2992-2998' Limestone; cream, white, finely crystalline, fossiliferous/oolitic, chalky, brown black stain, weak show of free oil and fair odor in fresh samples, few sub oomoldic.

3008-3014' Limestone; tan, finely crystalline, oomoldic, poor visible porosity, light brown edge staining, no free oil and questionable odor in fresh samples.

Drill Stem Test #2 **2969-3017'**

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

Blow: **Weak**

Recovery: **15' mud**

Pressures:

ISIP	**602**	**psi**
FSIP	**572**	**psi**
IFP	**22-22**	**psi**
FFP	**25-30**	**psi**
HSH	**1488-1466**	**psi**

3043-3045' Limestone; white, tan, finely crystalline, few fossiliferous, chalky, poor visible porosity, no shows.

3064-3074' Limestone; white, gray, oomoldic, poorly developed porosity, trace edge staining, no free oil and no odor in fresh samples.

3113-3120' Limestone; gray, white, fossiliferous, chalky, scattered porosity, trace brown stain, no show of free oil and no odor in fresh samples.

3134-3144' Limestone; tan, cream, sub oomoldic, poorly developed porosity, few scattered vuggy porosity, chalky few cherty, light brown stain, no show of free oil and questionable odor in fresh samples.

3151-3162' Limestone; cream, tan, finely crystalline, poor visible porosity, brown and black stain, no free oil and no odor.

3185-3192' Limestone; white, tan, finely crystalline, few fossiliferous, poor visible porosity, cherty, no shows.

ARBUCKLE SECTION

3223-3232' Dolomite; white, gray, medium crystalline, golden brown stain, trace of free oil and fair to good odor in fresh samples.

Drill Stem Test #3 **3200-3234'**

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

Blow: **Strong**

Recovery: **1733' gassy oil**
252' mud cut gassy oil
(30% gas, 40% oil, 30% mud)

Pressures:

ISIP	**991**	**psi**
FSIP	**991**	**psi**
IFP	**142-509**	**psi**
FFP	**535-734**	**psi**
HSH	**1597-1571**	**psi**

3234-3250'	Dolomite; white, fine crystalline, scattered intercrystalline porosity, light brown stain, show of free oil and faint odor in fresh samples.
3250-3270'	Dolomite; white, fine and medium crystalline, poor vuggy type porosity, light brown stain, weak show of free oil and faint odor.
3270-3290'	Dolomite; white, finely crystalline, poorly developed vuggy type porosity, no shows.

Rotary Total Depth **3290**
Log Total Depth **3291**

Recommendations:
5 ½" production casing was set and cemented on the Schmitt #7.

Respectfully submitted;

Wyatt Urban,
Petroleum Geologist

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd. Ste. #800
Dallas, TX 75225

ATTN: Jim Musgrove

9-15s-14w Russell

Schmitt #7

Job Ticket: 50326 **DST#: 1**

Test Start: 2013.01.12 @ 11:56:15

GENERAL INFORMATION:

Formation: **Tarkio**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:06:55
Time Test Ended: 16:41:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 66

Interval: 2340.00 ft (KB) To 2400.00 ft (KB) (TVD)
Total Depth: 2400.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

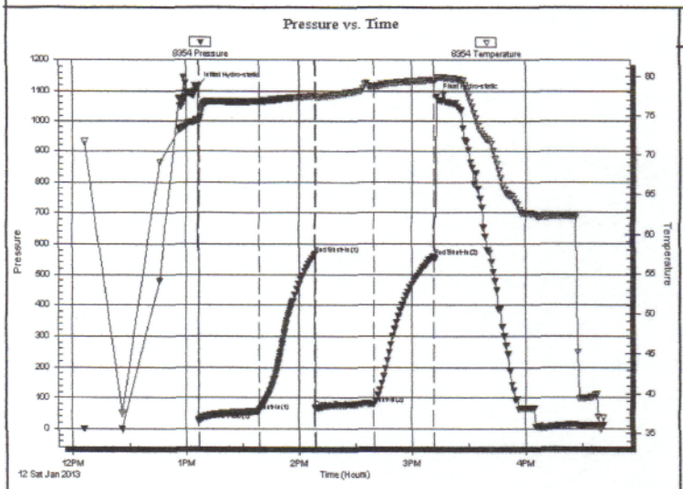
Reference Elevations: 1778.00 ft (KB)
1770.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8354 **Inside**

Press@RunDepth: 80.73 psig @ 2380.00 ft (KB)
Start Date: 2013.01.12 End Date: 2013.01.12
Start Time: 12:06:15 End Time: 16:41:45

Capacity: 8000.00 psig
Last Calib.: 2013.01.12
Time On Btm: 2013.01.12 @ 13:06:25
Time Off Btm: 2013.01.12 @ 15:12:45

TEST COMMENT: IF-Weak building blow . Built to 6 inches. Died off to 1 inch.
ISI-Return @ 1 minute. Built to 7 inches.
FF-Weak building blow . BOB @ 18 minutes.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1116.28	74.57	Initial Hydro-static
1	26.35	74.45	Open To Flow (1)
33	57.40	76.89	Shut-In(1)
62	566.09	77.53	End Shut-In(1)
63	68.45	77.38	Open To Flow (2)
94	80.73	78.71	Shut-In(2)
125	558.40	79.53	End Shut-In(2)
127	1080.18	79.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	10%Gas/10%Oil/80%Mud	0.79
0.00	165' G.I.P.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd. Ste. #800
Dallas, TX 75225

ATTN: Jim Musgrove

9-15s-14w Russell

Schmitt #7

Job Ticket: 50327 **DST#: 2**

Test Start: 2013.01.13 @ 22:51:15

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:29:25
Time Test Ended: 04:42:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 66

Interval: 2969.00 ft (KB) To 3017.00 ft (KB) (TVD)
Total Depth: 3017.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

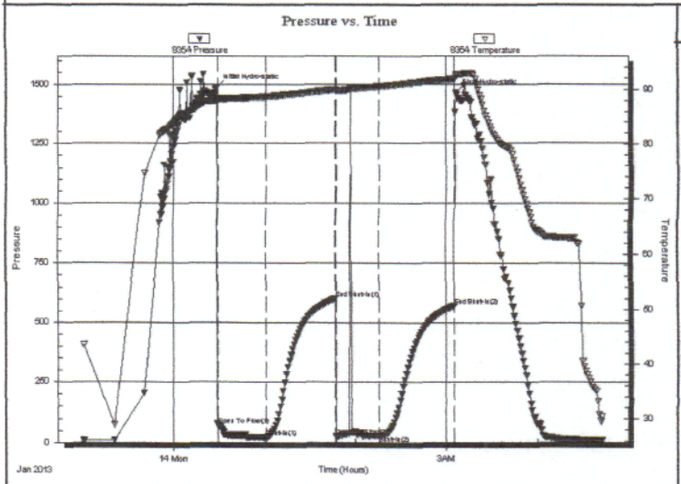
Reference Elevations: 1778.00 ft (KB)
1770.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8354 **Inside**

Press@RunDepth: 30.48 psig @ 3004.00 ft (KB)
Start Date: 2013.01.13 End Date: 2013.01.14
Start Time: 23:01:15 End Time: 04:42:45

Capacity: 8000.00 psig
Last Calib.: 2013.01.14
Time On Btm: 2013.01.14 @ 00:28:45
Time Off Btm: 2013.01.14 @ 03:06:15

TEST COMMENT: IF-Few bubbles then died.
ISI-No Return.
FF-No Blow. Flushed Tool. No Blow.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1487.95	88.45	Initial Hydro-static
1	72.43	88.32	Open To Flow (1)
33	21.98	88.71	Shut-In(1)
78	602.12	89.95	End Shut-In(1)
79	25.40	89.81	Open To Flow (2)
107	30.48	90.53	Shut-In(2)
157	571.80	91.89	End Shut-In(2)
158	1465.51	92.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%Mud	0.21

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Rd. Ste. #800
Dallas, TX 75225

ATTN: Jim Musgrove

9-15s-14w Russell

Schmitt #7

Job Ticket: 50328 **DST#: 3**

Test Start: 2013.01.14 @ 23:48:15

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:23:55
Time Test Ended: 07:22:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 66

Interval: 3200.00 ft (KB) To 3234.00 ft (KB) (TVD)
Total Depth: 3234.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

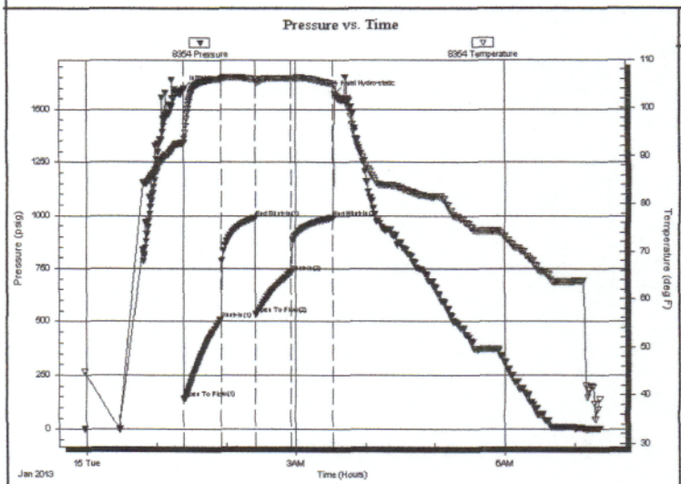
Reference Elevations: 1778.00 ft (KB)
1770.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8354 **Inside**

Press@RunDepth: 733.85 psig @ 3203.00 ft (KB)
Start Date: 2013.01.14 End Date: 2013.01.15
Start Time: 23:58:15 End Time: 07:22:45

Capacity: 8000.00 psig
Last Calib.: 2013.01.15
Time On Btm: 2013.01.15 @ 01:23:25
Time Off Btm: 2013.01.15 @ 03:33:45

TEST COMMENT: IF-Strong building blow . BOB @ 45 seconds.
ISI-Return @ 1 minute. Built to 1&1/2 inches.
FF-Strong building blow . BOB @ 1 minute.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.52	92.51	Initial Hydro-static
1	141.65	92.62	Open To Flow (1)
32	509.18	105.98	Shut-In(1)
62	990.52	105.80	End Shut-In(1)
63	534.67	105.52	Open To Flow (2)
93	733.85	106.08	Shut-In(2)
129	991.07	104.96	End Shut-In(2)
131	1570.68	104.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	30%Gas/40%Oil/30%Mud	3.53
1733.00	30%Gas/70%Oil	24.31

Gas Rates

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

ALLIED OIL & GAS SERVICES, LLC 056089

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell KS

DATE 1-10-13	SEC. 9	TWP. 15	RANGE 14	CALLED OUT	ON LOCATION	JOB START 900AM	JOB FINISH 930AM
LEASE Schm. 'A'	WELL # 7		LOCATION Russell KS			COUNTY Russell	STATE KS
OLD OR NEW (Circle one)			231 S & 1 West South into				

CONTRACTOR Southwind Drilling #3
TYPE OF JOB Surface.
HOLE SIZE 12¼ T.D.
CASING SIZE 8 5/8 DEPTH 430.56'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 15'
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 26.47 bbl fw

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Tony P., Glenn G.
409 HELPER Kevin R.
BULK TRUCK
473 DRIVER Kiko M.
BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 225 sk
60/40 2% gel 3% cc

COMMON	135 sk	@ 17.90	$2,416.50
POZMIX	90 sk	@ 9.35	$841.50
GEL	4 sk	@ 23.40	$93.60
CHLORIDE	7 sk	@ 64.00	$448.00
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	151.60 ft³	@ 2.48	$375.96
MILEAGE	63.25 T/m	2.60	$177.45

TOTAL $4,353.01

REMARKS:

- Circulate mud to surface.
- Pump Cement @ 50.01 bbl slurry = 30.58 bbl H20
- Displace 8 5/8 Rubber Plug @ 26.47 bbl H20
- Cmt to surface. 1 Yards

SERVICE

DEPTH OF JOB 430.56'
PUMP TRUCK CHARGE $1,512.25

EXTRA FOOTAGE		@	
MILEAGE	Heavy 10 miles	@ 7.70	$77.00
MANIFOLD	Light 10 miles	@ 4.40	$44.00
		@	
		@	

TOTAL $1,693.90

CHARGE TO: Mai Oil Operations
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

1	8 5/8 x Rubber Plug	@	$131.04
		@	
		@	
		@	
		@	

TOTAL $131.04

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.

SALES TAX (If Any)
TOTAL CHARGES $6,177.95
DISCOUNT $1,645.35 IF PAID IN 30 DAYS

PRINTED NAME Jay Krier

SIGNATURE Jay Krier

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. 6340

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-16-13	9	15	14	Russell	KS		4:45 AM

Location Russell S River 1W 1S 1/2W S into

Lease Schmitt Well No. 7

Contractor Southwind #3

Type Job Production String

Hole Size 7 7/8 T.D. 3290

Csg. 5 1/2 14# Depth 3285

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 21.74 Shoe Joint 21.74

Meas Line Displace 79 1/2 BL

EQUIPMENT

Pumptrk 9 No. Cementer Craig / Helper

Bulktrk 8 No. Driver Cody / Driver

Bulktrk 14 No. Driver Lonnie M. / Driver Heath

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30SK

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

5 1/2 set @ 3285 - Insert @ 3263.26
Est. Circulation. Pump 1000 gal mud clean
10 BL Spacer. Plug Rathole Cement. 5 1/2
Gearlines Displace Plug.
Plug Landed @ 2000# Held. Release
Pressure Dry.

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 Mai Oil

Street

City State

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

Cement Amount Ordered 125 60/40 18% Salt + 2% Gel 1/4# FC
100 60/40 10% Salt + 2% Gel 1/4# FC 1000 gal mud clean

Common	135
Poz. Mix	90
Gel.	5
Calcium	
Hulls	
Salt	43
Flowseal	50#
Kol-Seal	
Mud CLR 48	1000 gal
CFL-117 or CD110 CAF 38	
Sand	
Handling	213
Mileage	

FLOAT EQUIPMENT

Guide Shoe	5 1/2
~~Centralizer~~	13 Turbolizers
Baskets	1 Red Basket
AFU Inserts	
Float Shoe	1
Latch Down	1

Pumptrk Charge	Prod Long String
Mileage	11
Tax	
Discount	
Total Charge	