



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1151840
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: _____



1151840

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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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Little 2
Doc ID	1151840

Tops

Name	Top	Datum
Anhydrite	1305	+773
Heebner	3397	-1319
Toronto	3415	-1337
Lansing	3441	-1363
Base Kansas City	3710	-1632
Marmaton	3749	-1671
Conglomerate Sand	3799	-1721
Arbuckle	3815	-1737

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 16, 2013

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

Re: ACO1
API 15-165-22026-00-00
Littler 2
SW/4 Sec.31-16S-19W
Rush 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
Littler #2
N/2-Sw-NW-SW (1825' FSL & 330' FWL)
Section 31-16s-19w
Rush County, Kansas
Page 1

5 1/2" Production Casing

Contractor: Southwind Drilling Co. (Rig #3)
Commenced: May 21, 2013
Completed: May 28, 2013
Elevation: 2078' K.B; 2076' D.F; 20703' G.L.
Casing program: Surface; 8 5/8" @ 218'
Production; 5 1/2" @ 3899".
Sample: Samples saved and examined 3300' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 3300 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 & Production Service Co.; Dual Induction, Compensated Density/Neutron Log, and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1305	+773
Base Anhydrite	1338	+740
Heebner	3397	-1319
Toronto	3415	-1337
Lansing	3441	-1363
Base Kansas City	3710	-1632
Marmaton	3749	-1671
Conglomerate Sand	3799	-1721
Arbuckle	3815	-1737
Rotary Total Depth	3900	-1822
Log Total Depth	3899	-1821

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

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

TORONTO SECTION

3415-3430' Limestone; tan, gray, fossiliferous, poorly developed porosity, no shows.

LANSING SECTION

- 3441-3450' Limestone; white, gray, finely crystalline, slightly fossiliferous, chalky, trace gray chert.
- 3468-3476' Limestone; white/gray, oomoldic, scattered porosity, trace brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 3458-3480'

Times: 30-30-30-30

Blow: Weak

Recovery: 65' muddy water, show of oil

Pressures: ISIP 803 psi
FSIP 793 psi
IFP 10-26 psi
FFP 29-42 psi
HSH 1685-1607 psi

- 3486-3493' Limestone; tan, oolitic, fossiliferous, chalky, increasing cherty, poorly developed porosity, no shows.
- 3543-3555' Limestone; white, oomoldic, fair to good oomoldic porosity (barren).
- 3588-3598' Limestone; tan, sub oomoldic, chalky, no shows.
- 3613-3622' Limestone; white, highly oolitic, few sub oomoldic, chalky, no shows.
- 3636-3652' Limestone; tan, oomoldic, good oomoldic porosity, (barren).
- 3688-3700' Limestone; white, gray, highly fossiliferous/oolitic, fair porosity, no shows.

MARMATON SECTION

- 3748-3760' Limestone; gray, white, dense, chalky, plus salmon/peach and orange chert.
- 3760-3795' Chert and limestone; as above.

CONGLOMERATE SECTION

- 3798-3805' Sand; gray and white, quartzitic, sub rounded, friable, brown and gray stain, show of free oil and questionable odor.

ARBUCKLE SECTION

- 3815-3818' Dolomite; tan and brown, finely crystalline, sucrosic, fair vuggy type porosity, brown stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #2 **3758-3818'**

Times: 30-30-30-45
Blow: Strong
Recovery: 519' gas in pipe
869' clean gassy oil
378' muddy gassy oil
(20% gas, 55% oil, 25% mud)
Pressures: ISIP 1118 psi
FSIP 1116 psi
IFP 39-267 psi
FFP 279-455 psi
HSH 1883-1764 psi

3818-3828' Dolomite; as above, brown and golden brown stain, show of free oil and fair odor in fresh samples, plus white chert.

Drill Stem Test #3 **3818-3828'**

Times: 30-30-30-45
Blow: Strong
Recovery: 126' gas in pipe
786' clean oil
126' mud cut oil
(80% oil, 20% mud)
Pressures: ISIP 1134 psi
FSIP 1136 psi
IFP 39-184 psi
FFP 197-326 psi
HSH 1944-1800 psi

3828-3840' Dolomite; white, gray and tan, finely crystalline, fair vuggy and sub oomoldic porosity, brown and black stain, show of free oil and odor in fresh samples.

Drill Stem Test #4 **3828-3840'**

Times: 30-30-30-45
Blow: Strong
Recovery: 186' gas in pipe
50' water cut oil
(70% oil, 30% water and gas)
504' oil cut water
(15% gas, 35% oil, 50% water)
126' muddy water
Pressures: ISIP 1167 psi
FSIP 1166 psi
IFP 67-190 psi

Mai Oil Operations
Littler #2
N/2-Sw-NW-SW (1825' FSL & 330' FWL)
Section 31-16s-19w
Rush County, Kansas
Page 4

FFP 191-296 psi
HSH 1848-1819 psi

3840-3850' Dolomite; gray, white, finely crystalline and sucrosic, scattered intercrystalline and pinpoint porosity, brown and golden brown stain, show of free oil and faint odor.

3850-3870' Dolomite; gray, finely crystalline, fair vuggy type porosity, plus white chert.

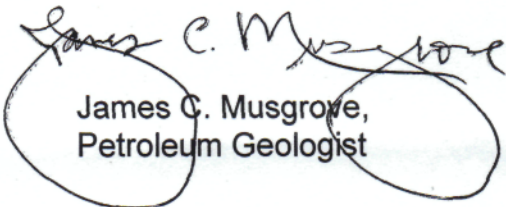
3870-3900' Dolomite and chert; as above.

Rotary Total Depth 3900'
Log Total Depth 3899'

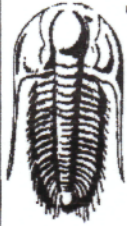
Recommendations:

5 1/2" production casing was set and cemented on the Littler #2.

Respectfully submitted;


James C. Musgrove,
Petroleum Geologist





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd Ste 800
Dallas TX 75225-5520
ATTN: Jim Musgrove

31-16s-19w Rush,KS
Little #2
Job Ticket: 53803 **DST#: 1**
Test Start: 2013.05.25 @ 05:55:00

GENERAL INFORMATION:

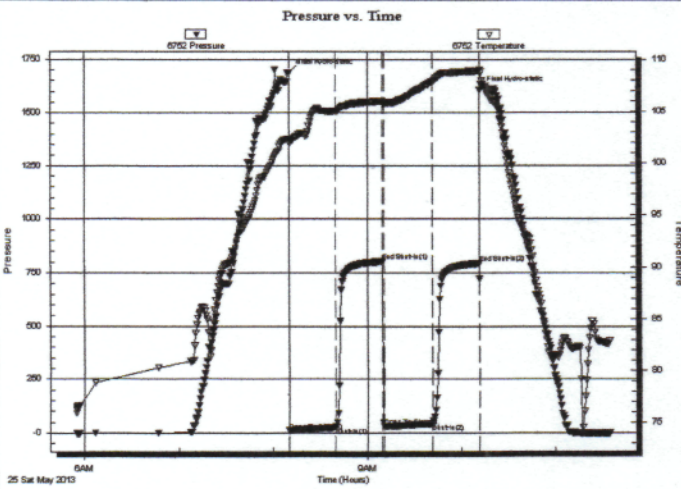
Formation: **LKC " B "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:10:30
Time Test Ended: 11:35:00
Interval: **3458.00 ft (KB) To 3480.00 ft (KB) (TVD)**
Total Depth: 3480.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty
Unit No: 41
Reference Elevations: 2079.00 ft (KB)
2071.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 42.67 psig @ 3477.00 ft (KB)
Start Date: 2013.05.25 End Date: 2013.05.25
Start Time: 05:55:01 End Time: 11:34:10
Capacity: 8000.00 psig
Last Calib.: 2013.05.25
Time On Btm: 2013.05.25 @ 08:10:20
Time Off Btm: 2013.05.25 @ 10:11:30

TEST COMMENT: 30-IFP- Very Weak Surface Blow in 5 min.
30-ISIP- No Blow
30-FFP- Very Weak Surface Blow in 6 min.
30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.73	102.36	Initial Hydro-static
1	10.25	101.93	Open To Flow (1)
30	26.33	104.98	Shut-In(1)
60	803.08	105.97	End Shut-In(1)
61	29.98	105.82	Open To Flow (2)
91	42.67	107.86	Shut-In(2)
121	793.97	108.87	End Shut-In(2)
122	1607.87	109.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCW 30% m 70% w Show of Oil	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd Ste 800
Dallas TX 75225-5520
ATTN: Jim Musgrove

31-16s-19w Rush,KS
Littler #2
Job Ticket: 53805 **DST#: 3**
Test Start: 2013.05.26 @ 23:25:00

GENERAL INFORMATION:

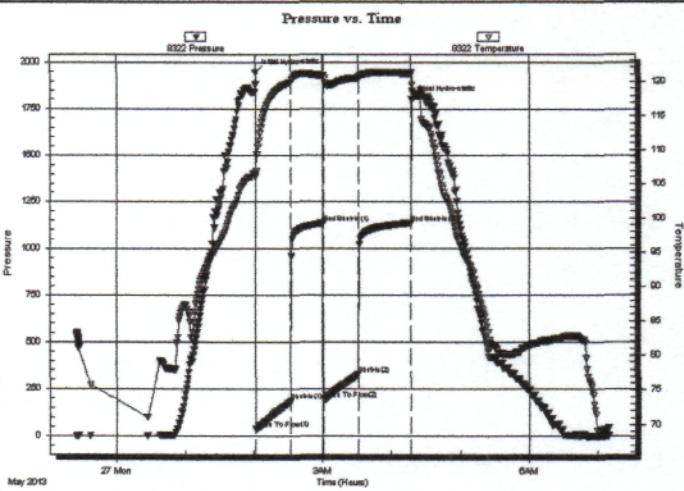
Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:01:40
Time Test Ended: 07:10:00
Interval: **3818.00 ft (KB) To 3828.00 ft (KB) (TVD)**
Total Depth: 3828.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 41
Reference Elevations: 2079.00 ft (KB)
2071.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8322

Outside

Press@RunDepth: 326.78 psig @ 3825.00 ft (KB)
Start Date: 2013.05.26 End Date: 2013.05.27
Start Time: 23:25:01 End Time: 07:09:40
Capacity: 8000.00 psig
Last Calib.: 2013.05.27
Time On Btm: 2013.05.27 @ 02:01:30
Time Off Btm: 2013.05.27 @ 04:17:20

TEST COMMENT: 30-IFP- BOB in 3 1/2 min.
30-ISIP- Surface Blow Building to 10 in.
30-FFP- BOB in 3 1/2 min.
45-FSIP- Weak Surface Blow in 4 min. Died in 12 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.67	106.43	Initial Hydro-static
1	39.92	105.97	Open To Flow (1)
31	184.50	119.90	Shut-In(1)
59	1134.75	120.78	End Shut-In(1)
60	197.93	120.38	Open To Flow (2)
90	326.78	120.46	Shut-In(2)
136	1136.75	121.12	End Shut-In(2)
136	1800.08	121.25	Final Hydro-static

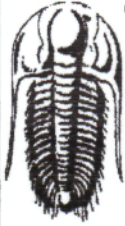
Recovery

Length (ft)	Description	Volume (bbl)
786.00	CO 100%	11.03
126.00	MCO 20% m 80% o	1.77
0.00	126 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd Ste 800
Dallas TX 75225-5520
ATTN: Jim Musgrove

31-16s-19w Rush,KS
Little #2
Job Ticket: 53806 **DST#: 4**
Test Start: 2013.05.27 @ 13:09:00

GENERAL INFORMATION:

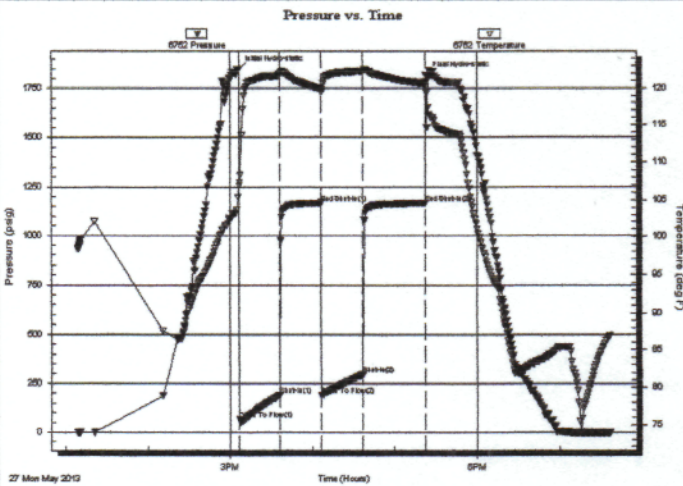
Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:06:50
Time Test Ended: 19:38:00
Interval: **3828.00 ft (KB) To 3840.00 ft (KB) (TVD)**
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 41
Reference Elevations: 2079.00 ft (KB)
2071.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 296.19 psig @ 3837.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.05.27 End Date: 2013.05.27 Last Calib.: 2013.05.27
Start Time: 13:09:01 End Time: 19:37:20 Time On Btm: 2013.05.27 @ 15:06:40
Time Off Btm: 2013.05.27 @ 17:22:40

TEST COMMENT: 30-IFP- BOB in 5 min.
30-ISIP- 1/4 in. Blow Back
30-FFP- BOB in 9 min.
45-FSIP- Weak Surface Blow in 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.59	107.27	Initial Hydro-static
1	67.32	106.82	Open To Flow (1)
30	190.63	121.81	Shut-In(1)
60	1167.98	119.88	End Shut-In(1)
60	191.89	119.42	Open To Flow (2)
90	296.19	122.21	Shut-In(2)
136	1166.00	120.51	End Shut-In(2)
136	1819.79	120.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	WCO 30%w 70%o	0.70
504.00	GOCW 15%g 35%o 50%w	7.07
126.00	MCW 2%m 98%w	1.77
0.00	186 GIP	0.00

* 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
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6908

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-21-13	31	16	19	Rush	KS		8:45 PM

Location *13 800 N 16th 1235 E*

Lease	Well No.	Owner
<i>6111R</i>	<i>2</i>	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.
Contractor		
Type Job		
Hole Size	T.D.	Charge To
Csg.	Depth	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered

Meas Line Displace *12/3BC*

EQUIPMENT			Common
Pumptrk	No.	Cementor	Poz. Mix
		Helper	
Bulktrk	No.	Driver	Gel.
		Driver	
Bulktrk	No.	Driver	Calcium
		Driver	

JOB SERVICES & REMARKS		
Remarks:		Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		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

X Signature *[Signature]*

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. **6955**

Date	5-28-13	Sec.	31	Twp.	16	Range	19	County	RUSH	State	KANSAS	On Location	Finish	6:00pm
Lease								Location		LITERBENTHAL 15-8 1/2 W-1/8 S-E/INTO				
LITNER								Well No.		#2				
Contractor								Owner		MAT OIL OPERATIONS				
S.W.D #3								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.				
Type Job								Charge To		MAT OIL OPERATIONS				
PROD. STRING								Street		8411 PRESTON RD, STE 800				
Hole Size								City		DALLAS				
7 7/8"								State		TX, 75225				
Csg.								Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
5 1/2" - 14 LB NEW								Cement Left in Csg.		Shoe Joint 20.51				
Tbg. Size								Displace		94 1/2 Bbls				
Tool								EQUIPMENT		Common				
Cement Left in Csg.								Pumptrk #15		No. Cementer				
Meas Line								No. Helper		NICK W.				
Displace								No. Driver		CLAYTON B.				
EQUIPMENT								No. Driver		CRISCO A.				
JOB SERVICES & REMARKS								Hulls		Salt				
Remarks:								Flowseal		Mud CLR 48 1,000 GAL				
Rat Hole								Kol-Seal		CFL-117 or CD110 CAF 38				
Mouse Hole								Sand		Handling				
Centralizers								Mileage		FLOAT EQUIPMENT				
1, 2, 3, 4, 6, 7, 8, 10, 160								Guide Shoe		Centralizer 9-5/8" TURBO				
Baskets #101								Baskets		1-5/8" WEATHERFORD				
D/V or Port Collar								AFU Inserts		Float Shoe 1-5/8" w/BALL				
COLLAR OF #61								Latch Down		1-5/8" w/PLUG				
DROPPED BALL - BROKE CIRCULATION								Pumptrk Charge		Tax				
CIRCULATED ON BOTTOM 1 hr - PUMPED								Mileage		Discount				
1,000 GAL. MUD FLUSH DOWN 5 1/2" - PLUGGED								Signature		Total Charge				
RATHOLE 30 SKS - MIXED & PUMPED								THANK YOU!						
DOWN 5 1/2" - WASHED PUMP - RELEASED								KSK						
PLUG & DISPLACED PLUG LAMEN & HELD!														
LIFT PRESSURE @ 1,000 LBS.														
PLUG LAMEN @ 94 1/2 Bbls @ 1,500 LBS.														



CHARGE TO: MAZ OPERATIONS
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 24802

PAGE 1 OF 1

SERVICE LOCATIONS
 1. NESS CITY, KS
 WELL/PROJECT NO. #2
 LEASE LITTLER
 COUNTY/PARISH RUSH
 STATE KS
 CITY
 DATE 6-13-13
 OWNER SAME
 2. TICKET TYPE SERVICE SALES CONTRACTOR EXPRESS WELL SERVICE RIG NAME/NO. SHIPPED VIA CT DELIVERED TO LOCATION ORDER NO.
 3. WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE CEMENT PORT COLLAR WELL PERMIT NO. WELL LOCATION MCCONNELL JCT - SE, 1 1/2 S
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE # 115	35		MI		6.00	210	00
576D		1			PUMP CHARGE	1	1282	JOB	FT	1500.00	1500	00
105		1			PORT COLLAR OPENING TOOL	1		JOB		350.00	350	00
330		1			SWIFT MULTI-DENSITY STANDS	160		SKS		17.00	2720	00
276		1			FLOCELE	50		LBS		2.00	100	00
290		1			D-ADR	2		GAL		42.00	84	00
581		1			SERVICE CHARGE CEMENT	175		SKS		2.00	350	00
583		1			DRAVAGE	17390	304.33	LBS	TM	1.00	304	33

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X *[Signature]*
 DATE SIGNED 6-13-13 TIME SIGNED 1000 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?				5618.33
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TAX
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

JOB LOG

SWIFT Services, Inc.

DATE 6-13-13 PAGE NO. 1

CUSTOMER MAZ OPERATION WELL NO. #2 LEASE LITTLER JOB TYPE CEMENT PORT COLLAR TICKET NO. 24802

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
								TUBING - 2 7/8 CASING - 5 1/2" PORT COLLAR = 1282'
	1020				✓		1000	PSZ TEST CASING - HEAD
	1025	3	2	✓		300		OPEN PORT COLLAR - LOW RATE
	1030	4	88	✓		350		MIX CEMENT - 160 SKS SMD @ 11.2 PPG
	1055	4	6 1/2	✓		500		DISPLACE CEMENT
	1100			✓		1000		CLOSE PORT COLLAR - PSZ TEST - HEAD
								CIRCULATED 15 SKS CEMENT TO PRT
	1115	4	25	✓		400		RUN 5 JTS - CIRCULATE CLEAN
								WASH TRUCK
	1200							JOB COMPLETE
								THANK YOU WAYNE, JEFF, GUNDON