

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1259875  
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: \_\_\_\_\_

1259875

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Cress-Beach 2
Doc ID	1259875

All Electric Logs Run

CDNL
DIL
Micro
Sonic



**JAMES C. MUSGROVE**

Petroleum Geologist, LLC  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations  
Cress-Beach #2  
N/2-S/2-NE-SW (1800' FSL & 1980' FWL)  
Section 13-11s-17w  
Ellis County, Kansas

Page 1

**5 1/2" Production Casing Set**

**Contractor:** Southwind Drilling Co. (rig #3)  
**Commenced:** May 19, 2015  
**Completed:** May 25, 2015  
**Elevation:** 1854' K.B., 1852' D.F., 1846' G.L.  
**Casing program:** Surface; 8 5/8" @ 1046'  
Production, 5 1/2" @ 3447'  
**Sample:** Samples saved and examined 2700' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There were two (2) Drill Stem Tests ran by Trilobite Testing Co.  
**Electric Log:** By Nabors, Dual Induction, Compensated Density/Neutron and Micro and Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1045	+809
Base Anhydrite	1080	+774
Topeka	2772	-918
Heebner	3003	-1149
Toronto	3023	-1169
Lansing	3048	-1194
Base Kansas City	3284	-1430
Marmaton	3309	-1455
Conglomerate	3319	-1465
Simpson Shale	3342	-1488
Arbuckle	3356	-1502
Rotary Total Depth	3450	-1596
Log Total Depth	3448	-1594

All tops and zones corrected to Electric Log Measurement

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

**TOPEKA SECTION**

- 2772-2784' Limestone, light gray/cream, finely crystalline, fossiliferous, poor visible porosity, slightly chalky in part, no shows.
- 2800-2810' Limestone, cream, finely crystalline, fossiliferous, poor inter-crystalline type porosity, chalky, no shows.
- 2826-2846' Limestone, cream, white, finely crystalline, questionable black discoloration (stain??) no free oil and no odor.
- 2943-2950' Limestone, white, light gray, fossiliferous, poor porosity, chalky, no shows.
- 2950-2964' Limestone, white, finely crystalline, fossiliferous, dark brown stain, no show of free oil and no odor in fresh samples.

**TORONTO SECTION**

- 3024-3032' Limestone, white, cream, finely crystalline, few fossiliferous, poor inter-crystalline porosity, trace brown stain, no show of free oil and no odor.

**LANSING SECTION**

- 3048-3051' Limestone, white, gray, oolitic/fossiliferous, poor visible porosity, no shows.
- 3058-3067' Limestone, white, cream, finely crystalline, oolitic, poor visible porosity, chalky in part, no shows.
- 3076-3090' Limestone, as above.
- 3096-3110' Limestone, cream, white, finely crystalline, oolitic, poor developed porosity, chalky, no shows.
- 3122-3128' Limestone, tan, cream, oolitic, finely crystalline, few fossiliferous, poorly developed porosity, black heavy stain, trace of free oil and fair odor in fresh samples.
- 3130-3142' Limestone, cream, white, finely crystalline, oolitic/fossiliferous, oomoldic, scattered oomoldic porosity, chalky in part, no shows.
- 3180-3196' Limestone, white, cream, tan, finely crystalline, poor pinpoint to inter-crystalline porosity, chalky, plus tan/gray chert.
- 3204-3210' Limestone, light gray, cream, finely crystalline, poor scattered porosity, chalky, trace stain, no free oil and no odor.
- 3223-3234' Limestone, white, gray, cream, finely crystalline, poor visible porosity, chalky in part, plus tan/gray chert; no shows.

3250-3260' Limestone, white, cream, finely crystalline, poor pinpoint porosity, spotty brown stain, no free oil and no odor, chalky in part.

**MARMATON SECTION**

3309-3316' Chert, white, cream, boney; no shows.

**CONGLOMERATE SECTION**

3319-3324' Sand, white, red tinted, fine grained, shaley, poorly developed, no shows.

**SIMPSON SECTION**

3346-3350' Sand; white very fine grained, few dolomitic, no shows.

**ARBUCKLE SECTION**

3356-3363' Dolomite, cream, tan, fine and medium crystalline, poor to fair inter-crystalline porosity, few with scattered vuggy type porosity, golden brown to dark brown stain, show of free oil and fair odor in fresh samples.

**Drill Stem Test #1** **3287-3363**

**Times:** 30-45-45-60

**Blow:** Strong

**Recovery:** 693' slightly water cut gassy oil  
(20% gas; 60% oil; 5% water; 15% mud)  
189' slightly oil and gas cut mud  
(10% gas; 10% oil; 80% mud)  
171' muddy gassy oil  
(15% gas; 80% oil; 5% mud)

**Pressures:** ISIP 835 psi  
FSIP 834 psi  
IFP 37-257 psi  
FFP 269-495 psi  
HSH 1682-1604 psi

3363-3368' Dolomite, tan, fine and medium crystalline, fair vuggy type porosity, golden brown stain, show of free oil and faint/fair odor in fresh samples.

**Drill Stem Test #2**

**3360-3368**

**Times: 30-45-30-60**

**Blow: Strong**

**Recovery: 786' clean gassy oil  
630' muddy water  
(90% water; 10% mud)**

**Pressures: ISIP 862 psi  
FSIP 864 psi  
IFP 76-428 psi  
FFP 495-640 psi  
HSH 1780-1665 psi**

3368-3380' Dolomite, cream, tan, fine and medium crystalline poor to fair vuggy porosity, dark brown stain; trace of free oil and faint odor in fresh samples.

3380-3400' Dolomite, tan, fine and medium crystalline, fair to good inter-crystalline and vuggy type porosity, dark brown stain, trace of free oil and faint odor in fresh samples.

3400-3420' Dolomite, tan, cream, white, fine and medium crystalline, scattered porosity, plus white/cream, boney chert.

3420-3440' Dolomite, light gray, tan, fine and medium crystalline, poorly developed inter-crystalline porosity, cherty in part, trace spotty stain no show of free oil and faint odor in fresh samples.

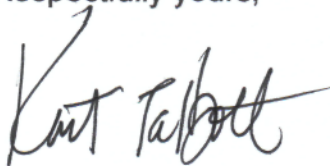
3440-3448' Dolomite, light gray/cream, fine and medium crystalline, scattered porosity, chalky luster, scattered stain, no free oil and no odor in fresh samples. Plus white/cream boney chert.

**Rotary Total Depth 3450  
Log Total Depth 3448**

**Recommendations:**

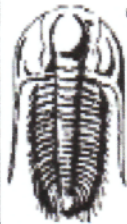
The 5 1/2" production casing was set and cemented on Mai Oil Operation Inc., Cress-Beach #2.

Respectfully yours,



Kurt Talbott  
Petroleum Geologist





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.  
 8411 Preston Rd STE 800  
 Dallas, TX 75225  
 ATTN: Kurt Talbott

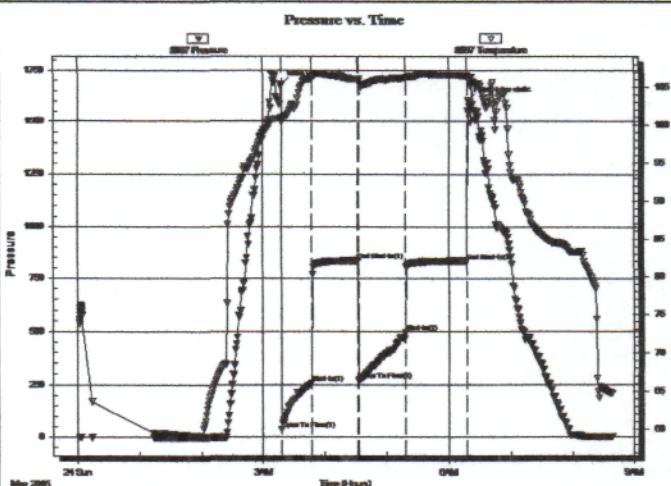
**13-11s-17w Ellis,KS**  
**Cress-Beach #2**  
 Job Ticket: 62471 **DST#: 1**  
 Test Start: 2015.05.24 @ 00:02:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:17:40  
 Time Test Ended: 08:38:10  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Phillip Gage  
 Unit No: 77  
 Interval: **3287.00 ft (KB) To 3363.00 ft (KB) (TVD)**  
 Total Depth: 3363.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Reference Elevations: 1852.00 ft (KB)  
 1844.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8897** Inside  
 Press@RunDepth: 495.82 psig @ 3288.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.05.24 End Date: 2015.05.24 Last Calib.: 2015.05.24  
 Start Time: 00:02:01 End Time: 08:38:10 Time On Btm: 2015.05.24 @ 03:17:30  
 Time Off Btm: 2015.05.24 @ 06:18:20

**TEST COMMENT:** 30-IF-BOB in 5 mins.  
 45-ISI-1" Return in 13 mins, died in 29 mins.  
 45-FF-BOB in 6 mins.  
 60-FSI-1 3/4" Return, died in 20 mins.



## PRESSURE SUMMARY

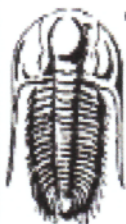
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.83	100.89	Initial Hydro-static
1	37.65	100.34	Open To Flow (1)
30	257.39	106.22	Shut-in(1)
75	835.14	106.07	End Shut-in(1)
75	269.77	105.84	Open To Flow (2)
121	495.82	106.29	Shut-in(2)
180	834.54	106.56	End Shut-in(2)
181	1604.49	106.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
693.00	VSWMGCO, 5%w, 15%m, 20%g, 60%o	9.72
189.00	SOGCM, 10%o, 10%g, 80%m	2.65
171.00	VSMGCO, 5%m, 15%g, 80%o	2.40

## 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  
 ATTN: Kurt Talbott

**13-11s-17w Ellis,KS**  
**Cress-Beach #2**  
 Job Ticket: 62472      **DST#: 2**  
 Test Start: 2015.05.24 @ 12:17:00

## GENERAL INFORMATION:

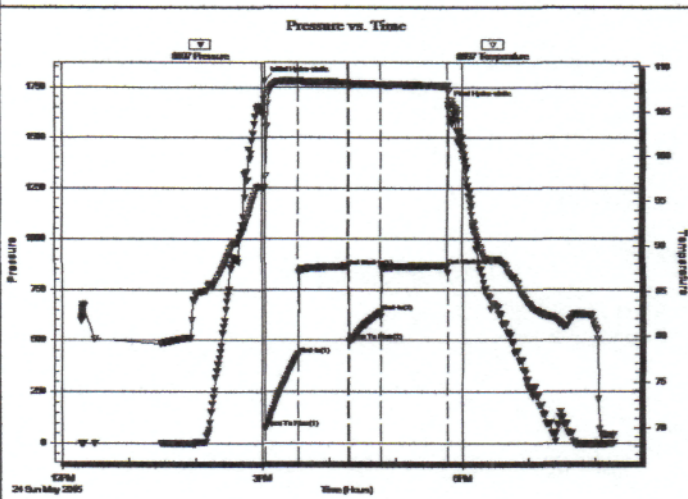
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:03:00  
 Time Test Ended: 20:16:30  
 Interval: **3360.00 ft (KB) To 3368.00 ft (KB) (TVD)**  
 Total Depth: 3368.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 77  
 Reference Elevations: 1852.00 ft (KB)  
 1844.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8897

Inside

Press@RunDepth: 640.27 psig @ 3361.00 ft (KB)  
 Start Date: 2015.05.24 End Date: 2015.05.24  
 Start Time: 12:17:01 End Time: 20:16:30  
 Capacity: 8000.00 psig  
 Last Calib.: 2015.05.24  
 Time On Btm: 2015.05.24 @ 15:02:40  
 Time Off Btm: 2015.05.24 @ 17:47:39

TEST COMMENT: 30-IF-BOB in 2 mins.  
 45-ISI-6" Return  
 30-FF-BOB in 3 mins.  
 60-FSI-2 1/2" Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1780.68	96.51	Initial Hydro-static
1	76.71	97.83	Open To Flow (1)
30	428.80	108.37	Shut-In(1)
75	862.65	108.21	End Shut-In(1)
76	495.51	108.03	Open To Flow (2)
105	640.27	108.05	Shut-In(2)
165	864.60	107.89	End Shut-In(2)
165	1665.76	107.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
630.00	SMCW, 10%m, 90%w, with oil spots	8.84
504.00	GCO, 25%g, 75%o	7.07
282.00	SGCO, 10%g, 90%o	3.96

\* 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. 942

Date	5-20-15	Sec.	13	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	12:00PM
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Location Catherine 2E N10 River view 1E N10

Lease	Cross-Beach	Well No.	#2	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.
Contractor	Southwind #3			Charge To	Ma. Oil
Type Job	Surface			Street	
Hole Size	12 1/4	T.D.	10' 16"	City	
Csg.	8 5/8	Depth	10' 6"	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	425 6 1/4 3 1/2 cc 2 1/2 gal
Cement Left in Csg.	20'	Shoe Joint			
Meas Line		Displace	65 1/4 bbl		

**EQUIPMENT**

Pumptrk	18	No.	Cementer		Common
			Helper	Cody	Poz. Mix
Bulktrk	4	No.	Driver	Lonnie	Gel.
Bulktrk	PU	No.	Driver	Brett	Calcium

**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**

Cement		Guide Shoe
		Centralizer
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down
		Rubber Plug
		Pumptrk Charge
		Mileage

X Signature *Jay [unclear]*

Tax	
Discount	
Total Charge	

# 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. 1272

Date	5-25-15	Sec.	13	Twp.	11	Range	17	County	ELLIS	State	KANSAS	On Location	6:15 PM	Finish	6:15 PM
Location								Codell & ROR RD JCT. 1 S 1 E 3/4							

Lease		CRESS-BEACH		Well No.		2		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.							
Contractor		SOUTHWIND DRILLING RIG #3 "gay"		Type Job		PRODUCTION STRING		Charge To		MAI OIL OPERATIONS INC							
Hole Size		7 7/8		T.D.		3450		Csg.		5 2 USED 14"		Depth		3444'			
Tbg. Size				Depth				Street				City		State			
Tool		LATCH DOWN PLUG		Depth ASSY @		3417'		The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.		27.62		Shoe Joint		27.62		Cement Amount Ordered		160 SX 60 10% SALT 29 gel							
Meas Line		KON LOC.		Displace		83.40 / BBL		V4#FD-SEAL									

**EQUIPMENT**

Pumptrk		5		Cementer		GLENN G.		Common							
				Helper				Poz. Mix							
Bulktrk				Driver		DAVID L.		Gel.							
Bulktrk		9		Driver		CHAD M.		Calcium							

**JOB SERVICES & REMARKS**

Remarks:				Hulls				Salt							
Rat Hole		30 SX		Flowseal				Kol-Seal							
Mouse Hole				Mud CLR 48		1,200 GEL		CFL-117 or CD110 CAF 38							
Centralizers		1-10 TURBO		Sand				Handling							
Baskets				Mileage				Guide Shoe							
D/V or Port Collar				FLOAT EQUIPMENT				Centralizer		X 10 TURBO					
				Baskets				AFU Inserts							
				AFU Inserts				Float Shoe		X 1					
				Latch Down				Latch Down		X 1					
				Pumptrk Charge				Mileage							
				Mileage				Tax							
				Tax				Discount							
				Discount				Total Charge							

X Signature *[Handwritten Signature]*

(15#)?  
Ran 82 used JOINTS OF 14" CSG.  
Set @ 3444. Receive C.C.L.  
Drop "AFU" Balls CIRCULATE A TOTAL  
OF 45 MIN. on bottom. Pump 1,000  
GAL MUD-CLR. Plug Rat hole w/30  
Pump 130 SX 60 10% SALT 29 gel 4 FD  
Down Hole - STOP - CLEAR - LIVE  
Release Latch Down Plug. & Displace  
@ TOTAL OF 822/BBL H<sub>2</sub>O.  
HAD 700 # LIFT PRESSURE  
AND LATCH DOWN PLUG  
@ 1500 #.  
Release Pressure - AFU Plug (HOLD)  
THANKS!