

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1251849  
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: \_\_\_\_\_

1251849



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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**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  
Dechant Unit #1  
NE-NW-SE-NE (1430' FNL & 815' FEL)  
Section 17-20s-22w  
Ness County, Kansas

Page 1

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

**Contractor:** Southwind Drilling Co. (rig #2)  
**Commenced:** January 19, 2015  
**Completed:** January 27, 2015  
**Elevation:** 2200' K.B., 2198' D.F., 2191' G.L.  
**Casing program:** Surface; 8 5/8" @ 263'  
Production, 5 1/2" @ 4613'  
**Sample:** Samples saved and examined 3600' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 3600' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There were one (1) Drill Stem Tests ran by Trilobite Testing Co.  
**Electric Log:** By Nabors, Dual Induction, Compensated Density/Neutron Log and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1428	+772
Base Anhydrite	1464	+736
Heebner	3684	-1484
Toronto	3698	-1498
Lansing	3730	-1530
Stark	3989	-1789
Base Kansas City	4056	-1856
Marmaton	4097	-1897
Pawnee	4177	-1977
Fort Scott	4260	-2060
Cherokee Shale	4274	-2074
Conglomerate	4330	-2130
Mississippian "Osage"	4360	-2160
Gilmore City	4481	-2281
Viola	4551	-2351
Simpson Shale	4723	-2523
Arbuckle	4753	-2553
Rotary Total Depth	4850	-2650
Log Total Depth	4856	-2656

All tops and zones corrected to Electric Log Measurement

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

**TOPEKA/TORONTO/LANSING SECTIONS**

3600-4054' There were several zones of well-developed porosity encountered in the drilling of the Topeka/Toronto/Lansing Sections but no shows of oil and/or gas was noted (see attached sample log/geologist report).

**MARMATON SECTION**

4097-4120' Limestone, white, cream, chalky, poor porosity, plus white chert, no shows.

4130-4150' Limestone, white, gray, oolitic, chalky, few with sparry calcite cement, no shows.

4153-4175' Limestone, tan, gray, finely crystalline, slightly cherty, dense, no shows plus maroon tinted limestone.

**PAWNEE SECTION**

4177-4200' Limestone, gray, finely crystalline, fair granular, slightly cherty (dense).

4200-4230' Limestone, as above.

4230-4256' Limestone, as above, dense; slightly argillaceous, no shows.

**FORT SCOTT SECTION**

4260-4273' Limestone, gray, finely crystalline, few oolitic, dense, no shows.

**CHEROKEE SECTION**

4278-4296' Limestone, white, gray, finely crystalline, chalky, no shows.

4300-4330' Limestone, gray, white, finely crystalline, chalky, few cherty, tan/gray chert, no shows.

**CONGLOMERATE SECTION**

4331-4353' Chert, white, gray, yellow, boney, opaque, trace black stain, plus trace white, very fine grained, calcareous, sand, poor porosity, plus black stain, no shows.

**MISSISSIPPIAN SECTION**  
**'OSAGE'**

4360-4365' Chert, white, cream, boney, fresh; trace brown spotty stain, trace of free oil and no odor.

4365-4377' Chert, as above, few weathered brown stain, trace of free oil and no odor in fresh samples.

**Drill Stem Test #1** **4282-4371**  
**Log Measurements (4288-4377)**

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

**Blow:** Strong

**Recovery:** 1290' muddy water

**Pressures:** ISIP 1360 psi  
FSIP 1375 psi  
IFP 82-374 psi  
FFP 381-625 psi  
HSH 2126-2080 psi

- 4371-4400' Chert, as above, glauconitic, boney in part, no shows.
- 4400-4420' Chert; as above, plus dolomitic white, sucrosic, glauconitic, scattered porosity, no shows.
- 4420-4440' Dolomite and chert, as above.
- 4440-4460' Dolomite and chert, as above, no shows.
- 4460-4481' Dolomite, as above.

**GILMORE CITY SECTION**

- 4481-4523' Limestone, white/tan, fine and medium crystalline, few dolomitic, no shows.
- 4523-4530' Limestone, white, gray, oolitic, chalky, no shows.
- 4530-4551' Limestone, as above, no shows.

**VIOLA SECTION**

- 4554-4580' Dolomite, gray, white, sucrosic, dense, poor porosity, no shows.
- 4580-4600' Dolomite, white, pink, peach, finely crystalline, sucrosic, poor visible porosity, no shows.
- 4600-4620' Dolomite, white, gray, fine to medium crystalline, few with chalky luster, no shows.
- 4620-4650' Dolomite, as above, plus white, gray boney chert.
- 4650-4680' Dolomite, as above, plus white, cream gray opaque chert.
- 4680-4723' Dolomite and chert as above.

**SIMPSON SECTION**

- 4724-4734' Sand, gray, sub-angular, dolomitic in part poorly developed, plus gray shale inclusions, no shows.

Mai Oil Operations  
Dechant Unit #1  
NE-NW-SE-NE (1430' FNL & 815' FEL)  
Section 17-20s-22w  
Ness County, Kansas

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**ARBUCKLE SECTION**

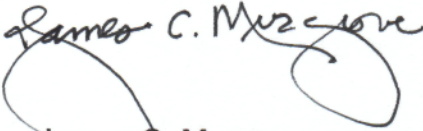
4753-4760'	Dolomite, tan, pink, finely crystalline, few sucrosic, fair porosity, no shows.
4760-4780'	Dolomite, pink, gray, tan, fine and medium crystalline, fair inter-crystalline porosity, no shows.
4780-4800'	Dolomite, as above, plus white chert, no shows.
4800-4820'	Dolomite, as above, sandy in part, no shows.
4820-4850'	Dolomite, as above, fair porosity, no shows.

**Rotary Total Depth            4850**  
**Log Total Depth             4856**

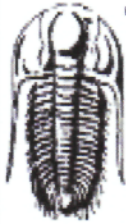
**Recommendations:**

The 5 ½" disposal casing was set and cemented on Mai Oil Operation Inc., Dechant Unit #1.

Respectfully yours,

  
James C. Musgrove  
Petroleum Geologist





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

**17-20s-22w Ness,KS**

8411 Preston Rd STE 800 Dallas TX 75225-5520

**Dechant Unit #1**

ATTN: Jim Musgrove

Job Ticket: 61977

**DST#: 1**

Test Start: 2015.01.26 @ 05:27:00

## GENERAL INFORMATION:

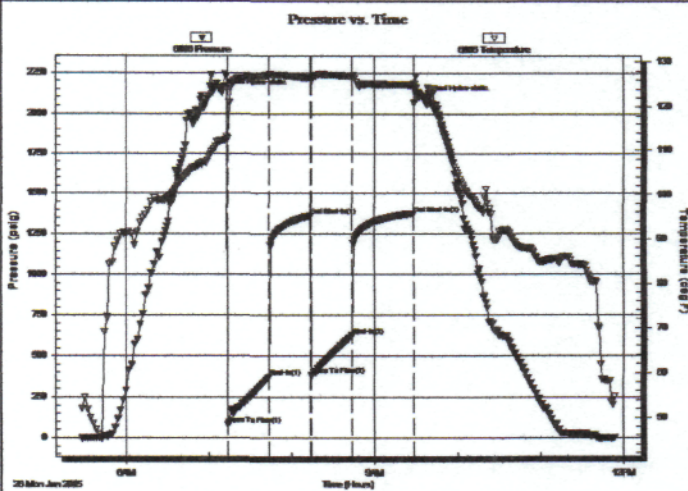
Formation: **Mississippian**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:13:30  
 Time Test Ended: 11:53:30  
 Interval: **4208.00 ft (KB) To 4371.00 ft (KB) (TVD)**  
 Total Depth: 4371.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Shane Konzern  
 Unit No: 56  
 Reference Elevations: 2200.00 ft (KB)  
 2191.00 ft (CF)  
 KB to GR/CF: 9.00 ft

## Serial #: 6806

Inside

Press@RunDepth: 625.10 psig @ 4293.50 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.01.26 End Date: 2015.01.26 Last Calib.: 2015.01.26  
 Start Time: 05:28:00 End Time: 11:53:30 Time On Btm: 2015.01.26 @ 07:09:30  
 Time Off Btm: 2015.01.26 @ 09:36:30

TEST COMMENT: FFP 30 Minutes. BOB in 4 minutes and 45 seconds.  
 ISI 30 Minutes. No blow back.  
 FFP 30 Minutes. BOB in 5 minutes and 30 seconds.  
 FSI 45 Minutes. No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.65	112.17	Initial Hydro-static
4	82.19	112.63	Open To Flow (1)
34	374.06	126.93	Shut-In(1)
64	1360.72	126.44	End Shut-In(1)
65	381.73	126.10	Open To Flow (2)
94	625.10	126.85	Shut-In(2)
139	1375.66	124.86	End Shut-In(2)
147	2088.14	122.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
156.00	Muddy w ater 50% Mud, 50% w ater	2.19
126.00	Muddy w ater 40% mud, 60% w ater	1.77
252.00	Muddy w ater 20% mud, 80% w ater	3.53
315.00	Muddy w ater 10% mud, 90% w ater	4.42
126.00	Muddy w ater 5% mud, 95% w ater	1.77
315.00	100% w ater	4.42

## 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. 0999

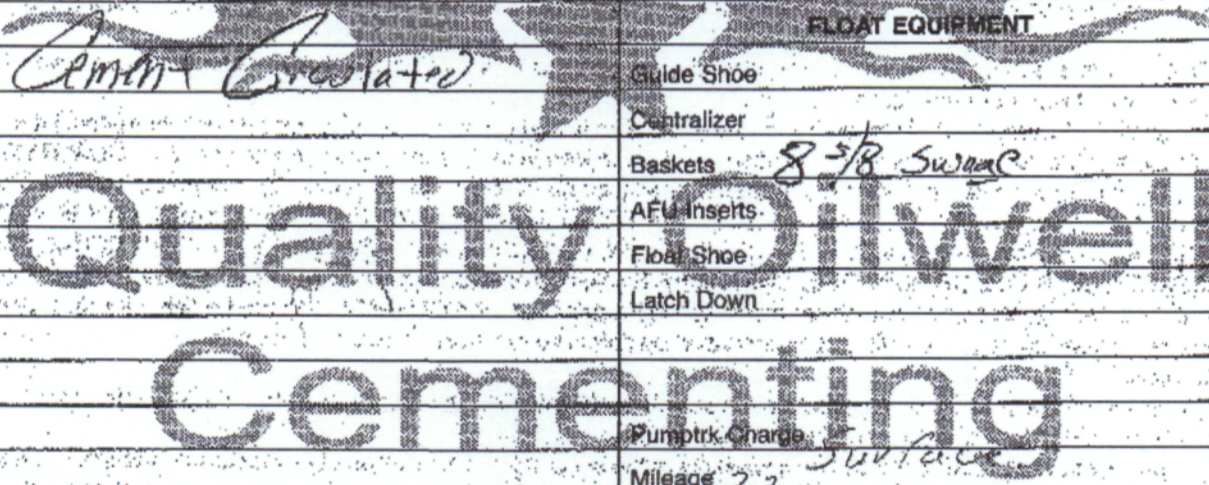
Date	1-19-15	Sec.	17	Twp.	20	Range	22	County	WASS	State	KS	On Location		Finish	11:30p.m.
------	---------	------	----	------	----	-------	----	--------	------	-------	----	-------------	--	--------	-----------

Location *Barne 32 BAR 9S 40R 1W 2R 1S WINTO*

Lease	<i>Dechant Unit</i>	Well No.	<i>1</i>	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	<i>Southwind #2</i>	Type Job	<i>Surface</i>	Charge To	<i>Mat Oil</i>
Hole Size	<i>12 1/4</i>	T.D.	<i>264</i>	Street	
Csg.	<i>8 5/8</i>	Depth	<i>263</i>	City	State
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered <i>170<sup>60</sup>/403-LL 2.6EL</i>	
Cement Left in Csg.	<i>15</i>	Shoe Joint			

Meas Line		Displace	<i>15 3/4 BBL</i>	Common	<i>100</i>
EQUIPMENT				Poz. Mix	<i>70</i>
Pumptrk	<i>18</i>	No.		Get.	<i>3</i>
		Cement	<i>bars</i>	Calcium	<i>2</i>
		Helper		Hulls	
Bulktrk		Driver	<i>Nick</i>	Salt	
Bulktrk	<i>15</i>	Driver	<i>Ryan</i>	Flowseal	

JOB SERVICES & REMARKS					
Remarks:					
Rat Hole					
Mouse Hole					
Centralizers					
Baskets					
D/V or Port Collar					
<i>8 5/8 on bottom For Sealed Mix</i>					
<i>170.5H Displace</i>					



Cement Grouted				FLOAT EQUIPMENT	
				Guide Shoe	
				Centralizer	
				Baskets	<i>8 5/8 Swamc</i>
				AFU Inserts	
				Float Shoe	
				Latch Down	
				Pumptrk Charge	<i>Surface</i>
				Mileage	<i>32</i>
Signature <i>[Signature]</i>				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. 1125

Date	1-28-15	Sec.	17	Twp.	20	Range	22	County	NESS	State	KS	On Location		Finish	2:00pm
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Location Bazine 3w to AARD 9s to 40RD 1w 1/2s winto

Lease	<u>Dechant unit</u>		Well No.	<u>1</u>		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	<u>Southwind</u>			<u>2</u>		Charge To	<u>Main oil operations</u>								
Type Job	<u>Production</u>					Street									
Hole Size	<u>7 7/8</u>		T.D.	<u>4850</u>		City									
Csg.	<u>5 1/2</u>		Depth	<u>4613</u>		State									
Tbg. Size			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Tool			Depth			Cement Amount Ordered	<u>160sx 60/40 10% salt</u>								
Cement Left in Csg.	<u>20.5</u>		Shoe Joint	<u>20.5</u>		Meas Line	<u>Displace 112 bbls 2% gel 1/4 flow seal 1000 gal mud clear</u>								

**EQUIPMENT**

Pumptrk	<u>16</u>	No.	Cementer Helper	<u>Rick</u>	Common
Bulktrk	<u>3</u>	No.	Driver	<u>Doug</u>	Poz. Mix
Bulktrk	<u>2</u>	No.	Driver	<u>Billy</u>	Gel.
			Driver		Calcium

**JOB SERVICES & REMARKS**

Remarks:	
Rat Hole	<u>30sx</u>
Mouse Hole	<u>20sx</u>
Centralizers	<u>1, 3, 5, 7, 10, 72</u>
Baskets	<u>1, 73</u>
D/V or Port Collar	<u>144" top of joint 73</u>
Pipe on bottom	<u>Hooked to 5 1/2</u>
Broke circulation for 10 min	<u>Drop ball</u>
Wait 10 min for ball to drop	<u>set</u>
Packer shoe	<u>Pump 1000 gal mud clear. Plug rat hole w 30sx</u>
Mouse hole	<u>20sx Hook to 5 1/2 Pumped 110sx 40 bbls plug. Unhook</u>
Wash dump & lines	<u>Released plug</u>
Displace cc w 112 bbls water	<u>Landed Plug. Released &amp; plug held.</u>
Lift PSI	<u>1600</u>
Landed Plug	<u>PSI 1500</u>
Packer set at	<u>1000 PSI</u>

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	<u>6</u>
Baskets	<u>2</u>
AFU Inserts	
Float Shoe	
Latch Down	<u>1 + plug</u>
Packer shoe	<u>Port collar</u>
Pumptrk Charge	
Mileage	

X Signature William Sanders

Tax	
Discount	
Total Charge	



CHARGE TO: MAI Oil Operations  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 28235

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1.	e1 SWD	Dechant Unit	Nes	KS	Ness City	27 Feb 15	
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
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 TRK 114	20	mi			5.00	100.00
576D		1			Pump Charge	1	eq			1250.00	1250.00
33D		1			SWD cement	140	sk			15.75	2205.00
276		1			Fluore	50	lb			2.25	112.50
290		1			D-AIR	1	gal			42.00	42.00
104		1			opening tool rental	1	ea			200.00	200.00
581		1			service charge	175	sk			1.50	262.50
583		1			Drayage (min)	1	eq			250.00	250.00

**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 *Walter Banzert*  
 DATE SIGNED TIME SIGNED  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	4463.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 27 Feb 15 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
WAF OIL OPERATIONS		#1540		Dechant Unit		cement port collar		28235	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
									175 sk SMD cement w/ 4# floccle 28x5 1/2 Port collar - 144'
	1700								on loc TRK 114
	1255					1000	1000		test to 1000psi - hold open port collar
	1258	3 1/2	2			350			inj rate 3 1/2 bpm @ 350 psi
	1302	3 1/2				350			Mix SMD cement @ 11.2 ppg
	1324	3 1/2	75			400			— cement to surface —
			8						Displace w/ 8 bbl H <sub>2</sub> O { 140 sk mixing 15 trip }
									close port collar
	1330					1000	1000		test to 1000psi - hold
	1342								Run 5 joints
	1353		25						Reverse hole clean - 2 cement plugs -
									pull tool wash truck
									Rock up
	1430								job complete
									Trucks Flat, Heine # 15000