



KANSAS CORPORATION COMMISSION 1108497
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33025
Name: Smitherman, Leon C., Jr.
Address 1: 14331 TIPPERARY CIR
Address 2: _____
City: WICHITA State: KS Zip: 67230 + 1517
Contact Person: Leon C. Smitherman, Jr.
Phone: (316) 733-5434
CONTRACTOR: License # 32854
Name: Gulick Drilling Co., Inc.
Wellsite Geologist: William Stout
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

<u>10/22/2012</u>	<u>10/26/2012</u>	<u>11/9/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-015-23957-00-00

Spot Description: _____

NE SE SW SW Sec. 19 Twp. 24 S. R. 5 East West

560 Feet from North / South Line of Section

1300 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Butler

Lease Name: WEBER Well #: A-3

Field Name: Plum Grove East

Producing Formation: Mississippi

Elevation: Ground: 1443 Kelly Bushing: 1449

Total Depth: 2749 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 224 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: 1000 ppm Fluid volume: 500 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Leon C. Smitherman, Jr.

Lease Name: Weber "A" License #: 33025

Quarter SW Sec. 19 Twp. 24 S. R. 5 East West

County: Butler Permit #: E-30891

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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 01/24/2013



1108497

Operator Name: Smitherman, Leon C., Jr. Lease Name: WEBER Well #: A-3
 Sec. 19 Twp. 24 S. R. 5 East West County: Butler

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: Attached</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Cherokee</td> <td>2500</td> <td>-1051</td> </tr> <tr> <td>Ardmore</td> <td>2536</td> <td>-1087</td> </tr> <tr> <td>Mississippi</td> <td>2566</td> <td>-1117</td> </tr> <tr> <td>Mississippi Chert</td> <td>2571</td> <td>-1122</td> </tr> <tr> <td>Kinderhook</td> <td>2699</td> <td>-1250</td> </tr> </table>	Name	Top	Datum	Cherokee	2500	-1051	Ardmore	2536	-1087	Mississippi	2566	-1117	Mississippi Chert	2571	-1122	Kinderhook	2699	-1250
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CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	224	Class A	125	
Long string	7.875	5.5	15.5	2727.35	Thickset	185	

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	-			

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
2	2576-2604 28ft	1000 gal acid	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>2618</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12/14/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>22</u>	Gas Mcf <u>0</u>	Water Bbls. <u>280</u> Gravity <u>43</u>

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i></p> <p><input type="checkbox"/> Other (Specify) _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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Form	ACO1 - Well Completion
Operator	Smitherman, Leon C., Jr.
Well Name	WEBER A-3
Doc ID	1108497

All Electric Logs Run

Gama-neutron
Density
Induction
Sonic
Micro

GEOLOGICAL REPORT

Leon C. Smitherman, Jr.

Webber A #3

NE SE SW Section 19, T24S-R2E

Butler County, Kansas

CHALLENGER: 1620-12
 CONTRACTOR: 1028-12
 CONTRACTOR: Gash Dilling Company
 SIZE OF HOLE: 7 7/8"
 SURFACE PIPE: 4.50"
 CASING/STRETCH WITH: 3/4"
 LOGS: 100' PER CENT
 CASING/STRETCH WITH: 3/4"
 R.T.D. 2749

STATUS: OK

A.P.L. # 16418-2887

OPERATION NO.: 3828

FIELD: Penn. Ohio Basin

REMARKS: 1449 K.B.

LOGS: 100' PER CENT

LOGS: 100' PER CENT

OTHER:

10-28-12
 L.C. Smitherman, Jr.
 Geologist

FORMATION TOPS

1441 O.L. 1449 K.B.

	Depth	Top
Cherokee	2502-1053	2500-1051
Arkansas	2540-1091	2536-1087
Mississippi	2566-1117	2566-1117
Mississippi Chert	2572-1123	2571-1122
Kansas	2701-1252	2699-1250
Total Depth	2749-1300	2749-1300

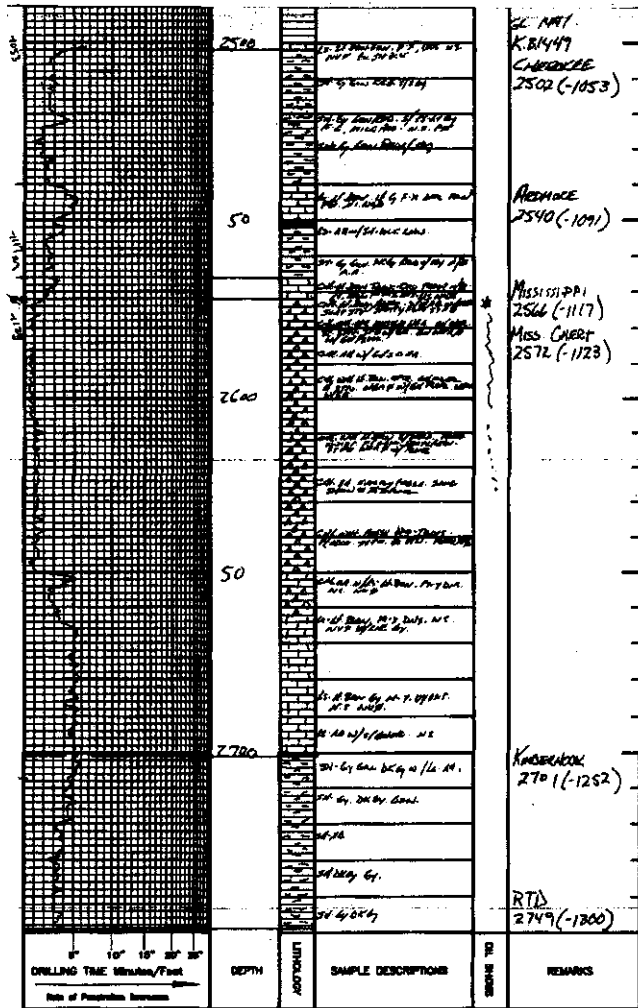
SAMPLE DESCRIPTIONS

Mississippi Chert 2566' (-1123)
 2566' - 2609'

Chert - white, light brown, opaque to translucent, good edges, light stain, weathered with pits and irregular porosity, shows fine silty with gas bubbles, good fluorescence.

CONCLUSIONS

The decision to run casing was made to further evaluate the chert in the Mississippi through perforations.





ENTERED

TICKET NUMBER 35629
 LOCATION Eureka
 FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API# 15-015-23957

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/26/12	2682	Weber A-3	19	2WS	SE	Butte
CUSTOMER Lem C. Smithman Jr.			Guhett Dr/9			
MAILING ADDRESS 14331 Typewrite Circle			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			STATE KS	ZIP CODE 67230		
			520	John		
			611	Jay		
			637	Merle		

JOB TYPE 1/2 0 HOLE SIZE 7 7/8" HOLE DEPTH 2750' CASING SIZE & WEIGHT 5 1/2"
 CASING DEPTH 2736' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 136# SLURRY VOL 55 BW WATER gal/sk 9.0 CEMENT LEFT IN CASING 14'
 DISPLACEMENT 16.4 Bbl DISPLACEMENT PSI 1000 PSI 1500 Bump plug RATE _____

REMARKS: Safety meeting. Rig up to 5 1/2" casing. Break circulation w/ 15 Bbl fresh water. Mixed 165 sacks thickset cement w/ 5# Kal-seal/xx @ 136#/gal. Washbit pump + 1 hrs. Release latch down plug. Displace w/ 16.4 Bbl fresh water. Final pump pressure 1000 PSI. Bump plug to 1500 PSI. release pressure. Flood + plug held. Good circulation @ all times while cementing. Job complete. Rig down.

Plugged cathode w/ 20 sacks

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	20	MILEAGE	4.00	80.00
1126A	185 sacks	Thickset cement	19.20	3552.00
110A	225#	5# Kal-seal/xx	.46	425.50
5407	10.17	ton mileage bulk truck	30.00	350.00
5502C	4 hrs	80 Bbl WAC TRK	90.00	360.00
1123	3000 gals	city water	16.50/1000	49.50
4104	1	5 1/2" cement basket	229.00	229.00
4130	4	5 1/2" x 7 7/8" centralizers	48.00	192.00
4203	1	5 1/2" Guide shoe	140.00	140.00
4228A	1	5 1/2" AFU insert float valve	172.00	172.00
4454	1	5 1/2" latch down plug	254.00	254.00
			Subtotal	6854.00
			SALES TAX (6.5%)	329.74
			ESTIMATED TOTAL	7183.74

Rayvin 5737

AUTHORIZATION Jay Smith TITLE 554013 DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



ENTERED

TICKET NUMBER 35626
 LOCATION Eureka
 FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-015-23957

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-23-12	7682	Weber A-3	19	243	SE	Butte
CUSTOMER			Gulick Dr 19			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
19331 Tippecanoe Cir			445	Dave		
CITY	STATE	ZIP CODE	515	Calin		
Wichita	KS	67230				

JOB TYPE surface HOLE SIZE 12 1/4" HOLE DEPTH _____ CASING SIZE & WEIGHT 95lb
 CASING DEPTH 224' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL 30 bbl WATER gal/bk 6.5 CEMENT LEFT IN CASING 20'
 DISPLACEMENT 13 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - Rig up to 95lb casing. Break circulation w/ 10 bbl fresh water. Mixed 125 sacks class A cement w/ 37m casing, 22m gal + 1/4" Elcask/3m @ 15"/gal. Displace w/ 13 bbl fresh water. Shut casing in w/ good cement returns to surface = 6 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	825.00	825.00
5406	1.0	MILEAGE	4.00	40.00
1145	125 sacks	class A cement	14.95	1868.75
1142	350'	37m casing	.74	257.00
1188	235'	22m gal	.21	49.35
1142	31'	1/4" Elcask/3m	2.35	72.95
5407	5.98	for mileage built truck	57.1	350.00
			Subtotal	3464.95
			SALES TAX 6.55%	147.36
			ESTIMATED TOTAL	3612.31

Rev 01/07

AUTHORIZATION Mind Smith TITLE Tool Pusher DATE 10-23-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.