



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1094615
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: _____

1094615

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

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> _____	PRODUCTION INTERVAL: _____ _____
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810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561



Cementing & Acidizing of Kansas, LLC



Cement or Acid Field Report	
Ticket No.	1334
Foreman	<u>Rick Ledford</u>
Camp	<u>Eureka</u>

API* 15-015-24028

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
6-24-14		Mellor 1-1	1	24S	3E	Butler	KS
Customer	Mailing Address	City	State	Zip Code	Safety Meeting	Unit #	Driver
Leon Smitherman Jr.	14331 Tipperary Cir.	Wichita	KS	67230	PL 2B 3F	102	Chris B.
						112	Shannon F

Job Type <u>surface</u>	Hole Depth <u>225' L.B</u>	Slurry Vol. <u>27 Bbl</u>	Tubing _____
Casing Depth <u>213 G.L.</u>	Hole Size <u>12 1/4"</u>	Slurry Wt. <u>14.8"</u>	Drill Pipe _____
Casing Size & Wt. <u>8 5/8"</u>	Cement Left in Casing <u>20'</u>	Water Gal/SK <u>2.5</u>	Other _____
Displacement <u>13 Bbl</u>	Displacement PSI _____	Bump Plug to _____	BPM _____

Remarks: Safety meeting - Rig up to 8 5/8" casing. Mixed 110 sacs class A cement w/ 370 sacs 270 gal + 74" floccle/sk @ 14.8"/gal. Displace w/ 13 Bbl fresh water. Lost circulation while displacing. wait 2 hrs, tagged cement w/ 1" pipe @ 22'. Mixed 15 sacs cement. well stayed full. Job complete. Rig down.

"Thank You"

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	840.00	840.00
C107	25	Mileage	3.95	98.75
C200	125 sacs	class A cement	15.00	1875.00
C205	350	370 sac	.60	210.00
C206	235"	270 gal	.20	47.00
C209	25"	74" floccle/sk	2.25	56.25
C108A	5.88	con mileage bulk tri	m/c	345.00
			Subtotal	3472.00
			Sales Tax	140.05
			Total	3612.05

Authorization Witnessed by Mike Stafford Title Partner

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561



**Cementing & Acidizing
of Kansas, LLC**



Cement or Acid Field Report
Ticket No. 1436
Foreman Rick Ledford
Camp Eureka KS

API# 15-015-24028

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
6-28-14		Mellor # 1-1	1	24S	3E	Butler	KS	
Customer	Mailing Address	City	State	Zip Code	Unit #	Driver	Unit #	Driver
Leon Smithson Jr.	14331 Tipperary Cir.	Wichita	KS	67230	102	Chris B.		
					114	Rudy M.		

Job Type L/S Hole Depth 2725' K.B. Slurry Vol. 50 Bbl Tubing _____
 Casing Depth 2719' K.B. Hole Size 7 7/8" Slurry Wt. 13.2# Drill Pipe _____
 Casing Size & Wt. 5 1/2" Cement Left in Casing 15' ± J Water Gal/SK 9.0 Other _____
 Displacement 64.8 Bbl Displacement PSI 500 Bump Plug to 1000 BPM _____

Remarks: Safety meeting. Rig up to 5 1/2" casing. Break circulation w/ 5 Bbl fresh water. Pump 100# metasilicate pre-flush w/ 10 Bbl water 5 Bbl water spacer. Mixed 150 sacks thickset cement w/ 15# Kat-seal /sk @ 13.2#/gal. Washout pump + lines, release 5 1/2" latch down plug. Displace w/ 64.8 Bbl fresh water. Final pump pressure 500 PSI. Bump plug to 1000 PSI release pressure, flat + plug hard. Good circulation @ all times while cementing. Job complete. Rig down.

Cont. on job 1, 3, 5, 7, 9, 11 "THANK YOU"
 BASH on job 12

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1050.00	1050.00
C107	25	Mileage	3.95	98.75
C201	150 SKS	thickset cement	19.50	2925.00
C207	750#	5# Kat-seal /sk	.45	337.50
C216	100#	metasilicate pre-flush	2.00	200.00
C108A	8.25	ten mileage bulk truck	m/c	345.00
C691	1	5 1/2" Guide shoe	1162.00	1162.00
C703	1	5 1/2" AFU insert w/ latchdown	145.00	145.00
C921	1	5 1/2" latch down plug	230.00	230.00
C604	1	5 1/2" cement basket	225.00	225.00
C504	6	5 1/2" x 7 7/8" centralizers	48.00	288.00
			Subtotal	6011.25
			Sales Tax	289.12
			Total	6300.37

Authorization Witnessed by Nice Stafford Title Supervisor

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810 E 7TH
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EUREKA, KS 67045
(620) 583-5561



**Cementing & Acidizing
of Kansas, LLC**



Cement or Acid Field Report
Ticket No. 1474
Foreman Kevin McCoy
Camp EUREKA

API # 15-015-24028

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
7-7-14	1080	Mellor # 1-1	1	24S	3E	Butler	Ks
Customer	Mailing Address	City	State	Zip Code	Safety Meeting	Unit #	Driver
Leon Smitherman Jr.	14331 Tipperary Circle	Wichita	Ks	67230	KM AM CM JK	104 113 145	Alan M. Chris M. Joey K.

Job Type <u>Squeeze</u>	Hole Depth <u>2725' KB</u>	Slurry Vol. <u>17.5 BBL</u>	Tubing <u>2 7/8</u>
Casing Depth _____	Hole Size <u>7 7/8"</u>	Slurry Wt. <u>14.2 - 14.5</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2 14"</u>	Cement Left in Casing <u>100' ±</u>	Water Gal/SK _____	Other _____
Displacement <u>15.2 BBL</u>	Displacement PSI <u>2000 PSI</u>	Bump Plug to _____	BPM _____

Remarks: SAFETY Meeting: MISSISSIPPI PERFS 2514' - 2550' (2 SPF). 2 7/8 Tubing & Packer Set @ 2421'. Rig up Squeeze MANIFOLD. Load ANNULUS w/ 17.5 BBL FRESH WATER. PRESSURE ANNULUS to 400 PSI. Establish INJECTION RATE w/ WATER into FORMATION w/ FRESH WATER @ 3 BPM @ 1100 PSI. 15IP 500 PSI 1 minute on VACUM. MIX & Pump 75 SKS CLASS 'A' CEMENT w/ 1 1/2% CACL2 @ 14.2 - 14.5 #/GAL = 17.5 BBL SLURRY. MIXING PRESSURE 1100 PSI - 750 PSI. Start Displacement @ 1.22 BPM @ 400 PSI. 4 BBL Displaced @ 2250 PSI. BROKE BACK to 1250 PSI. 15 BBL Displaced w/ PRESSURE @ 1300 PSI. 15IP 250 PSI. @ 12:40 PM STAGE IN ADDITIONAL 1/4 BBL OVER 45 MINUTES. FINAL STAGE PRESSURE 2000 PSI. Holding @ 1850 PSI. Release PRESSURE. NO FLOW BACK. Release PACKER. BACK WASH w/ 20 BBL WATER the SHORT WAY. Reset PACKER. RePRESSURE to 1800 PSI. Holding @ 1800 PSI. Release & Pull 2 JTS of Tubing. Reset PACKER. RePRESSURE Cement to 1850 PSI. STAGE FOR 30 minutes. Holding @ 1850 PSI. Pull Tubing & PACKER. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1050.00	1050.00
C 107	25	Mileage	3.95	98.75
C 200	75 SKS	CLASS 'A' CEMENT	15.00	1125.00
C 205	100 #	CACL2 1 1/2%	.60 *	60.00
C 108A	3.52 TONS	TON MILEAGE	M/C	345.00
C 113	6 HRS	80 BBL VAC TRUCK	85.00	510.00
C 224	3000 GALS	CITY WATER	10.00 / 1000	30.00
C 117	1	Squeeze MANIFOLD Rental	100.00	100.00
			Sub TOTAL	3318.75
			Sales Tax 6.4%	84.16
			Total	3402.91

Authorization [Signature] Title X

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GEOLOGICAL REPORT

Leon C. Smitherman, Jr.

Mellor #1-1

W/2 SE SW SW Section 19-T24S-R5E

Butler County, Kansas

COMMENCED: 06-25-14
 COMPLETED: 06-28-14
 CONTRACTOR: Gulick Drilling Company
 SIZE OF HOLE: 7 7/8"
 SURFACE PIPE: 8 5/8"
 CEMENTED WITH: N/A
 LONG STRING: 5 1/2"
 CEMENTED WITH: N/A
 R.T.D.: 2775'

William M. Stout
 Geologist

William M. Stout
 6-29-14

FORMATION TOPS

1368 G.L. 1376 K.B.

	Sample	Log
Mississippi Chert	2514 -1138	2512 -1136
Mississippi Lime	2624 -1248	2623 -1247
Kinderhook	2634 -1258	2628 -1252
Total Depth	2775 -1399	2775 -1399

SAMPLE DESCRIPTIONS

Mississippi Chert 2514' (-1138)
 2514' - 2544'

Chert - light brown, off white, amber, opaque to translucent, some weathered, fair odor, brown stain, scattered pin point and vugular porosity with show free oil few gas bubbles and good fluorescence.

CONCLUSIONS

The decision was made to set and cement 5 1/2" casing to further evaluate the shows in the Mississippian through perforations.

