



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1154088
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: _____



1154088

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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

August 03, 2013

P.J. Buck
Jones & Buck Development, LLC
PO BOX 68
SEDAN, KS 67361-0068

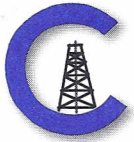
Re: ACO1
API 15-019-27225-00-00
Calvin 16-4
NE/4 Sec.16-34S-12E
Chautauqua County, Kansas

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,
P.J. Buck



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 259214

=====
Invoice Date: 05/30/2013 Terms: 15/15/30,n/30 Page 1

J. B. D. % P. J. BUCK
P.O. BOX 68
SEDAN KS 67361
(620)725-3636

Carter
CALVIN 16-4
5000000613
05/28/13
15-34S-12E
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	50.00	15.7000	785.00
1118B	PREMIUM GEL / BENTONITE	150.00	.2200	33.00
1107A	PHENOSEAL (M) 40# BAG)	40.00	1.3500	54.00
1102	CALCIUM CHLORIDE (50#)	100.00	.7800	78.00

Sublet Performed	Description	Total
9995-240	CEMENT EQUIPMENT DISCOUNT	-209.58
9994-240	ACID MATERIAL DISCOUNT	-142.50

	Description	Hours	Unit Price	Total
419	CEMENT PUMP (SURFACE)	1.00	870.00	870.00
419	CASING FOOTAGE	53.00	.23	12.19
419	EQUIPMENT MILEAGE (ONE WAY)	35.00	4.20	147.00
551	MIN. BULK DELIVERY	1.00	368.00	368.00

Amount Due 2426.04 if paid after 06/29/2013

Parts:	950.00	Freight:	.00	Tax:	67.02	AR	2062.13
Labor:	.00	Misc:	.00	Total:	2062.13		
Sublt:	-352.08	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

5/28/2013

#259214



500000613

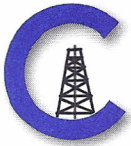
CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	JBD	State, County	Chautauqua, Kansas	Cement Type	CLASS A
Job Type	Surface	Section	15	Excess (%)	
Customer Acct #	4291	TWP	34S	Density	15.6
Well No.	Carter Galvint 16-4	RGE	12E	Water Required	5.2
Mailing Address		Formation		Yield	1.18
City & State		Tubing		Sacks of Cement	50
Zip Code		Drill Pipe		Slurry Volume	10.5bbl
Contact		Casing Size	8 5/8"	Displacement	2.1bbl
Email		Hole Size	12 1/4"	Displacement PSI	200
Cell		Casing Depth	53'	MIX PSI	200
Dispatch Location	BARTLESVILLE	Hole Depth		Rate	4bpm
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401S	CEMENT PUMP (SURFACE PIPE)	1	2 HRS MAX	\$870.00	\$ 870.00
5402	FOOTAGE	53	PER FOOT	\$0.23	\$ 12.19
5406	EQUIPMENT MILEAGE (ONE-WAY)	35	PER MILE	\$4.20	\$ 147.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				EQUIPMENT TOTAL	\$ 1,397.19
Cement, Chemicals and Water					
1104S	CLASS A CEMENT (SALES) BLEND(SK)	50	0	\$15.70	\$ 785.00
1118B	PREMIUM GEL/BENTONITE (50#)	150	0	\$0.22	\$ 33.00
1107A	PHENOSEAL	40	0	\$1.35	\$ 54.00
1102	CALCIUM CHLORIDE	100	0	\$0.78	\$ 78.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				CHEMICAL TOTAL	\$ 950.00
Water Transport					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				TRANSPORT TOTAL	\$ -
Cement Floating Equipment (TAXABLE)					
Cement Basket					
0			0	\$0.00	\$ -
Centralizer					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Float Shoe					
0			0	\$0.00	\$ -
Float Collars					
0			0	\$0.00	\$ -
Guide Shoes					
0			0	\$0.00	\$ -
Baffle and Flapper Plates					
0			0	\$0.00	\$ -
Packer Shoes					
0			0	\$0.00	\$ -
DV Tools					
0			0	\$0.00	\$ -
Ball Valves, Swedges, Clamps, Misc.					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Plugs and Ball Sealers					
0			0	\$0.00	\$ -
Downhole Tools					
0			0	\$0.00	\$ -
				CEMENT FLOATING EQUIPMENT TOTAL	\$ -
				SUB TOTAL	\$ 2,347.19
				8.30% SALES TAX	\$ 193.82
				TOTAL	\$ 2,426.04
				15% (-DISCOUNT)	\$ 363.91
				DISCOUNTED TOTAL	\$ 2,062.13
DRIVER NAME					
577	Kirk Sanders				
419	James Ness				
551	Johnnie Goad				

AUTHORIZATION

TITLE

FOREMAN



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 259379

=====
Invoice Date: 06/10/2013 Terms: 15/15/30,n/30 Page 1

J. B. D. % P. J. BUCK
P.O. BOX 68
SEDAN KS 67361
(620)725-3636

Carter
CALVIN 16-4
2550000599
06/3/13
16-34S-12E
KS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	105.00	19.7500	2073.75
1118B	PREMIUM GEL / BENTONITE	150.00	.2200	33.00
1107A	PHENOSEAL (M) 40# BAG)	80.00	1.3500	108.00
1110A	KOL SEAL (50# BAG)	600.00	.4600	276.00
1111	SODIUM CHLORIDE (GRANULA	700.00	.3900	273.00
1123	CITY WATER	5460.00	.0173	94.46
4404	4 1/2" RUBBER PLUG	1.00	47.2500	47.25

Sublet Performed	Description	Total
9995-240	CEMENT EQUIPMENT DISCOUNT	-332.17
9996-240	CEMENT MATERIAL DISCOUNT	-435.82

	Description	Hours	Unit Price	Total
419	CEMENT PUMP	1.00	1085.00	1085.00
419	CASING FOOTAGE	1015.00	.23	233.45
419	EQUIPMENT MILEAGE (ONE WAY)	40.00	4.20	168.00
T-90	WATER TRANSPORT (CEMENT)	3.00	120.00	360.00
551	MIN. BULK DELIVERY	1.00	368.00	368.00

Amount Due 5361.06 if paid after 07/10/2013

Parts:	2905.46	Freight:	.00	Tax:	204.98	AR	4556.90
Labor:	.00	Misc:	.00	Total:	4556.90		
Sublt:	-767.99	Supplies:	.00	Change:	.00		

Signed _____

Date _____

6/3/2013

#259379



255000599

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Kansas energy company	State, County	Chautauqua, Kansas	Cement Type	CLASS A
Job Type	longstring	Section	16	Excess (%)	30
Customer Acct #	4297	TWP	34s	Density	14
Well No.	Calvin 16-4	RGE	12e	Water Required	
Mailing Address		Formation		Yield	1.73
City & State		Tubing		Sacks of Cement	105sks
Zip Code		Drill Pipe		Slurry Volume	33bbbls
Contact		Casing Size	4 1/2 INCH,	Displacement	16.1
Email		Hole Size	6 1/4	Displacement PSI	250/1100
Cell		Casing Depth	1015	MIX PSI	200
Dispatch Location	BARTLESVILLE	Hole Depth		Rate	4.2

Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$ 1,085.00
5402	FOOTAGE	1015	PER FOOT	\$0.23	\$ 233.45
5406	EQUIPMENT MILEAGE (ONE-WAY)	40	PER MILE	\$4.20	\$ 168.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
EQUIPMENT TOTAL					\$ 1,854.45

Cement, Chemicals and Water					
1126	WC. CEMENT (CAL SEAL) 6%OWC, 2% CAL. CLORIDE 2% GE	105	0	\$19.75	\$ 2,073.75
1118B	PREMIUM GEL/BENTONITE (50#)	150	0	\$0.22	\$ 33.00
1107A	PHENOSEAL	80	0	\$1.35	\$ 108.00
1110A	KOL SEAL (50 # SK)	600	0	\$0.46	\$ 276.00
1111	GRANULATED SALT (50#) SELL BY #	700	0	\$0.39	\$ 273.00
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
1123	CITY WATER (PER 1000 GAL)	5460	Per 1000 Gal	\$17.30	\$ 94.46
Chemical Total					\$ 2,858.21

Cement Water Transports					
5501C	WATER TRANSPORT (CEMENT)	3	ATER TRANSPORT (CEME	\$120.00	\$ 360.00
0				\$0.00	\$ -
0				\$0.00	\$ -
Transports Total					\$ 360.00

Cement Floating Equipment (TAXABLE)					
Cement Basket					
0				\$0.00	\$ -
Centralizer					
0				\$0.00	\$ -
0				\$0.00	\$ -
Float Shoe					
0				\$0.00	\$ -
Float Collars					
0				\$0.00	\$ -
Guide Shoes					
0				\$0.00	\$ -
Baffle and Flapper Plates					
0				\$0.00	\$ -
Packer Shoes					
0				\$0.00	\$ -
DV Tools					
0				\$0.00	\$ -
Ball Valves, Swedges, Clamps, Misc.					
0				\$0.00	\$ -
0				\$0.00	\$ -
0				\$0.00	\$ -
Plugs and Ball Sealers					
4404	4' 1/2" RUBBER PLUG	1	PER UNIT	\$47.25	\$ 47.25
Downhole Tools					
0				\$0.00	\$ -
CEMENT FLOATING EQUIPMENT TOTAL					\$ 47.25

DRIVER NAME					
419	james n		0	SUB TOTAL	\$ 5,119.91
551	james b		8.30%	SALES TAX	\$ 425.19
552 T90	james w			TOTAL	\$ 5,545.10
			15%	(-DISCOUNT)	\$ 767.99
DISCOUNTED TOTAL					\$ 4,556.90

AUTHORIZATION _____
DATE _____

TITLE _____
FOREMAN _____

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.

6/3/2013



2550000599

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Kansas energy company	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Job Type	longstring	Section	16	Excess (%)	30
Customer Acct #	0	TWP	34s	Density	14
Well No.	Calvin 16-4	RGE	12e	Water Required	0
Mailing Address	0	Formation	0	Yeild	1.73
City & State	0	Tubing	0	Sacks of Cement	105sks
Zip Code	0	Drill Pipe	0	Slurry Volume	33bbbls
Contact	0	Casing Size	4 1/2INCH,	Displacement	16.1
Email	0	Hole Size	6 1/4	Displacement PSI	250/1100
Cell	0	Casing Depth	1015	MIX PSI	200

Remarks:

Ran 3sks of gel and established circulation. Ran 105sks of class a chap mix cement. Shut down washed out pump and lines.

Dropped plug and displaced to bottom. Plug landed and held. Cement was circulated to surface.