



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1255635
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: _____



1255635

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> _____
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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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CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Shoreline Operating	State, County	Chautauqua , Kansas	Cement Type	CLASS A	
Job Type	Surface	Section	16	Excess (%)	50%	
Customer Acct #		TWP	34	Density	15.6	
Well No.	David Lowe #14	RGE	12	Water Required	5.2	
Mailing Address		Formation		Yeild	1.18	
City & State		Tubing		Sacks of Cement	50	
Zip Code		Drill Pipe		Slurry Volume	10.5 bbl	
Contact		Casing Size	8 5/8"	Displacement	1.9	
Email		Hole Size	11"	Displacement PSI	100	
Cell		Casing Depth	43'	MIX PSI	100	
Dispatch Location	BARTLESVILLE	Hole Depth		Rate	3 bpm	
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	43	PER FOOT	\$0.23	\$ 9.89	
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	\$ -	
0		0		\$0.00	\$ -	
EQUIPMENT TOTAL					\$ 1,394.89	
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	
1102	CALCIUM CHLORIDE	100	0	\$0.78	\$ 78.00	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
1123	CITY WATER (PER 1000 GAL)	2100	Per Gal	\$0.02	\$ 36.33	
Chemical Total					\$ 932.33	
Cement Water Transports						
5501C	WATER TRANSPORT (CEMENT)	2.5	ATER TRANSPORT (CEMENT)	\$120.00	\$ 300.00	
0		0	0	\$0.00	\$ -	
0		0	0	\$0.00	\$ -	
Transports Total					\$ 300.00	
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					\$ -	
TRUCK#	DRIVER NAME			0	SUB TOTAL	\$ 2,627.22
577	Kirk Sanders			8.15%	SALES TAX	\$ 75.98
492	Jake Cole				TOTAL	\$ 2,703.20
579	James Bonner			5%	(-DISCOUNT)	\$ 135.16
	H2O Xpress TP				DISCOUNTED TOTAL	\$ 2,568.04

AUTHORIZATION _____
DATE _____

TITLE _____
FOREMAN *[Signature]*

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.

12/17/2014



CEMENT FIELD TICKET AND TREATMENT REPORT

Invoice # 802722

2724000670
JM 1578
FT 1524

Customer	SHORELINE	State, County	Chautauqua, Kansas	Cement Type	CLASS A												
Job Type	LONG STRING	Section	16	Excess (%)	50%												
Customer Acct #	7776	TWHP	34 S	Density	14.5												
Well No.	LOWE # 14	RGE	12 E	Water Required	7.94												
Mailing Address		Formation		Yield	1.74												
City & State		Tubing	4 1/2"	Sacks of Cement	105												
Zip Code		Drill Pipe		Slurry Volume	33												
Contact		Casing Size	6 3/4"	Displacement	16												
Email		Hole Size	8 5/8"	Displacement PSI	300-900												
Cell		Casing Depth		MIX PSI	100-300												
Dispatch Location	BARTLESVILLE	Hole Depth	1002'	Rate	4-4.5 BPM												
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	1002	PER FOOT	\$0.23	\$ 230.46												
5406	EQUIPMENT MILEAGE (ONE-WAY)	37	PER MILE	\$4.20	\$ 155.40												
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00												
5621	4 1/2 INCH PLUG CONTAINER	1	PER UNIT	\$215.00	\$ 215.00												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
EQUIPMENT TOTAL					\$ 2,053.86												
Cement, Chemicals and Water																	
1104S	CLASS A CEMENT (SALES) BLEND(S/K)	105	0	\$15.70	\$ 1,648.50												
1118B	PREMIUM GEL/BENTONITE (50#)	200	0	\$0.22	\$ 44.00												
1101	CAL SEAL (100#) (OWC)	600	0	\$0.42	\$ 252.00												
1107A	PHENOSEAL	40	0	\$1.35	\$ 54.00												
1110A	KOL SEAL (50 # SK)	650	0	\$0.46	\$ 299.00												
1102	CALCIUM CHLORIDE	200	0	\$0.78	\$ 156.00												
1111	GRANULATED SALT (50#) SELL BY #	700	0	\$0.39	\$ 273.00												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
1123	CITY WATER (PER 1000 GAL)	5040	Per Gal	\$0.02	\$ 87.19												
Chemical Total					\$ 2,813.69												
Cement Water Transports																	
5501C	WATER TRANSPORT (CEMENT)	4	ATER TRANSPORT (CEME	\$120.00	\$ 480.00												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
Transports Total					\$ 480.00												
Cement Floating Equipment (TAXABLE)																	
Cement Basket																	
0		0		\$0.00	\$ -												
Centralizer																	
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
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Ball Valves, Swedges, Clamps, Misc.																	
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
0		0		\$0.00	\$ -												
Plugs and Ball Sealers																	
4404	4 1/2" RUBBER PLUG	1	PER UNIT	\$47.25	\$ 47.25												
Downhole Tools																	
0		0		\$0.00	\$ -												
CEMENT FLOATING EQUIPMENT TOTAL					\$ 47.25												
SUB TOTAL					\$ 5,394.80												
SALES TAX					\$ 178.80												
TOTAL					\$ 5,573.60												
5% (-DISCOUNT)					\$ 278.68												
DISCOUNTED TOTAL					\$ 5,294.92												
<table border="1"> <thead> <tr> <th>TRUCK#</th> <th>DRIVER NAME</th> </tr> </thead> <tbody> <tr> <td>656</td> <td>Bryan S</td> </tr> <tr> <td>398</td> <td>Scott C</td> </tr> <tr> <td>551</td> <td>RYAN P</td> </tr> <tr> <td>403 T64</td> <td>JUSTIN R</td> </tr> <tr> <td></td> <td>CHARLES</td> </tr> </tbody> </table>						TRUCK#	DRIVER NAME	656	Bryan S	398	Scott C	551	RYAN P	403 T64	JUSTIN R		CHARLES
TRUCK#	DRIVER NAME																
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551	RYAN P																
403 T64	JUSTIN R																
	CHARLES																

2844

8.15 6.25%

5,294.92
tax 221.51

5346.58

AUTHORIZATION _____
DATE _____

TITLE _____
FOREMAN By - [Signature]

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.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.