



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1208402  
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: \_\_\_\_\_

1208402

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:  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

<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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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**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 # 267428

Invoice Date: 04/17/2014 Terms: 0/30/10,n/30 Page 1

HARCON ENERGY, LLC  
1749 5TH LN. SE  
LEROY KS 66857  
(620) 964-2547

REAMER H1-12  
5220000847  
28-22-16  
04-16-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	25.00	11.5000	287.50
1118B	PREMIUM GEL / BENTONITE	50.00	.2200	11.00
1110A	KOL SEAL (50# BAG)	125.00	.4600	57.50
1111	SODIUM CHLORIDE (GRANULA	75.00	.3900	29.25

Sublet Performed	Description	Total
9996-170	CEMENT MATERIAL DISCOUNT	-115.57

Description	Hours	Unit Price	Total
445 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
667 80 BBL VACUUM TRUCK (CEMENT)	1.00	90.00	90.00

Amount Due 1368.95 if paid after 04/27/2014

Parts:	385.25	Freight:	.00	Tax:	16.59	AR	1246.27
Labor:	.00	Misc:	.00	Total:	1246.27		
Sublt:	-115.57	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

4/16/2014  
CUSHING, OK

267428

CONSOLIDATED  
580762-2300  
PONCA CITY, OK  
EUREKA, KS  
CEMENT FIELD TICKET AND TREATMENT REPORT

620/583-7664  
EUREKA, KS

316/22-7022  
EL DORADO, KS

527000847  
BARTLESVILLE, OK

Customer	Harcon Energy #5023	State, County	Coffey, Kansas	Cement Type	CLASS A
Job Type	Surface	Section	28	Excess (%)	
Customer Acct #		TWP	22	Density	14
Well No	Remer H1-12	RGE	16	Water Required	6.01
Mailing Address		Formation		Yield	1.4
City & State		Tubing		Sacks of Cement	25
Zip Code		Drill Pipe		Slurry Volume	6.2
Contact	Harvey	Casing Size	7	Displacement	1.5
Email		Hole Size	8 5/8	Displacement PSI	100
Cell	620-365-9704	Casing Depth	40	MX PSI	50
Dispatch Location	EUREKA	Hole Depth	41	Rate	3

Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401S	CEMENT PUMP (SURFACE PIPE)	1	2 HRS MAX	\$870.00	\$ 870.00
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	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
<b>EQUIPMENT TOTAL</b>					<b>\$ 870.00</b>

Code	Cement, Chemicals and Water	Quantity	Unit	Price per Unit	
1124	50/50 POZMIX CEMENT W/ NO ADDITIVES	25	0	\$11.50	\$ 287.50
1118B	PREMIUM GEL/BENTONITE (50#)	50	0	\$0.22	\$ 11.00
1110A	KOL SEAL (50 # SK)	125	0	\$0.46	\$ 57.50
1111	GRANULATED SALT (50#) SELL BY #	75	0	\$0.39	\$ 29.25
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	30% discount		0	\$0.00	\$ (115.57)
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
<b>CHEMICAL TOTAL</b>					<b>\$ 269.68</b>

Code	Water Transport	Quantity	Unit	Price per Unit	
5502C	80 BBL VACUUM TRUCK (CEMENT)	1	8L VACUUM TRUCK (CEM)	\$90.00	\$ 90.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
<b>TRANSPORT TOTAL</b>					<b>\$ 90.00</b>

Code	Cement Floating Equipment (TAXABLE)	Quantity	Unit	Price per Unit	
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Mac.		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Plugs and Ball Sealers		0	\$0.00	\$ -
0	Downhole Tools		0	\$0.00	\$ -
0			0	\$0.00	\$ -
<b>CEMENT FLOATING EQUIPMENT TOTAL</b>					<b>\$ -</b>

Code	DRIVER NAME	Quantity	Unit	Price per Unit	
680	John Wade				
445	Joey				
637	Jim				
695	Zed				
<b>SUB TOTAL</b>					<b>\$ 1,229.68</b>
<b>SALES TAX 6.15%</b>					<b>\$ 75.62</b>
<b>TOTAL</b>					<b>\$ 1,305.30</b>
<b>(DISCOUNT)</b>					<b>\$ -</b>
<b>DISCOUNTED TOTAL</b>					<b>\$ 1,305.30</b>

completed

Consolidated Oil Well Services, LLC  
P.O. Box 4346  
Dept. 970  
620/431-9210 • 1-800/467-8676  
Cheyenne, WY 82220  
P.O. Box 884  
MAIN OFFICE

CONSOLIDATED  
Oil Well Services, LLC

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.



**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 # 267534

=====  
Invoice Date: 04/23/2014 Terms: 0/30/10,n/30 Page 1  
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HARCON ENERGY, LLC  
1749 5TH LN. SE  
LEROY KS 66857  
(620) 964-2547

REAMER 1 HI-12  
47024  
SE 28-22-16  
04-18-2014  
KS

=====  
=====

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	160.00	11.5000	1840.00
1118B	PREMIUM GEL / BENTONITE	469.00	.2200	103.18
1111	SODIUM CHLORIDE (GRANULA	336.00	.3900	131.04
1110A	KOL SEAL (50# BAG)	800.00	.4600	368.00
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-732.67

Description	Hours	Unit Price	Total
T-106 WATER TRANSPORT (CEMENT)	2.00	120.00	240.00
518 TON MILEAGE DELIVERY	372.00	1.41	524.52
666 CEMENT PUMP	1.00	1085.00	1085.00
666 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.20	210.00
666 CASING FOOTAGE	1065.00	.00	.00

Amount Due 4683.25 if paid after 05/03/2014

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Parts:	2471.72	Freight:	.00	Tax:	106.95	AR	3905.52
Labor:	.00	Misc:	.00	Total:	3905.52		
Sublt:	-732.67	Supplies:	.00	Change:	.00		

=====

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
818/338-0808

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  
620/839-3269

GILLETTE, WY  
307/686-4914

CUSHING, OI  
918/225-2661



**CONSOLIDATED**  
Oil Well Services, LLC

267534

TICKET NUMBER 47024  
LOCATION Ottawa, KS  
FOREMAN Casey Kennedy

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/18/14	5023	Reamer 1 # HI-12	SE 28	22	110	CO

  

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casey Ken	✓ Safety Meeting	
4666	Gar Moo	✓	
518	Jan Nes	✓	
505-7106	Jan Ric	✓	

CUSTOMER: Harcam Energy  
MAILING ADDRESS: 1749 5th Ln SE  
CITY: Le Roy STATE: KS ZIP CODE: 66687

JOB TYPE: logstring HOLE SIZE: 5 7/8" HOLE DEPTH: 1075' CASING SIZE & WEIGHT: 2 7/8" EUE  
CASING DEPTH: 1065' DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: \_\_\_\_\_  
SLURRY WEIGHT: \_\_\_\_\_ SLURRY VOL: \_\_\_\_\_ WATER gal/sk: \_\_\_\_\_ CEMENT LEFT in CASING: \_\_\_\_\_  
DISPLACEMENT: Le16 bbls DISPLACEMENT PSI: \_\_\_\_\_ MIX PSI: \_\_\_\_\_ RATE: 5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 160 sks 50/50 Pozmix cement w/ 2% gel, 5% salt, + 5 # Kolseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 6.16 bbls fresh water, pressured to 600 PSI, released pressure, shut in casing.

*Casey Kennedy*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
54010	50 mi	MILEAGE		210.00
5402	1065'	casing footage		
5407A	372	ton mileage		524.52
5501C	2 hrs	Transport		240.00
1124	160 sks	50/50 Pozmix cement	1840.00	✓
111FB	469 #	Premium Gel	103.18	✓
1111	336 #	Salt	131.04	✓
1110A	800 #	Kolseal	368.00	✓
		materials	2442.22	✓
		-30%	732.67	✓
		Subtotal		1709.55
4402	1	2 1/2" rubber plug		29.50
		<input checked="" type="checkbox"/> completed	4683.25	
		6.15%	SALES TAX	106.95
		ESTIMATED TOTAL		3905.52

Revin 3737

AUTHORIZATION *Casey Kennedy* TITLE \_\_\_\_\_ 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