

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1207189

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

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: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used </div> <div style="text-align: center;">Report all strings set-conductor, surface, intermediate, production, etc.</div>							
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 (Amount and Kind of Material Used)	Depth

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:			
					<input type="checkbox"/> Yes <input type="checkbox"/> No			
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 (Explain) _____					
Estimated Production Per 24 Hours	Oil	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8678

268005

TICKET NUMBER 47162
LOCATION Oxtown KS
FOREMAN Fred Madar

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-7-14	4448	Harbison #KR-48	NE 6	17	22	M1

CUSTOMER		TRUCK #		DRIVER	
Kansas Resources Expl & Dev		712	Fred Mad		
MAILING ADDRESS		495	Harbac		
9393 W 110th ST.		370	Joe Ric		
CITY	STATE	ZIP CODE	503	Kei Car	
Overland Park	KS	66210			

JOB TYPE Longstring HOLE SIZE 5 1/8 HOLE DEPTH 790' CASING SIZE & WEIGHT 2 1/8 EUE
CASING DEPTH 777.70 DRILL PIPE 3 1/2 TUBING OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2 1/2" Plug
DISPLACEMENT 4.52 BBL DISPLACEMENT PSI MIX PSI RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish Circulation. Mix & Pump
100# Gel flush. Mix & Pump 111 sks 50/50 Premix Cement to Gel 1/2"
Pheno Seal/sk. Cement to Surface. Flush pump 4 times clear.
Displace 2 1/2" Rubber plugs to casing TD. Pressure to 800# PSI.
Release pressure to set float valve. Shut in Casing.

Utah Drilling. Ron Howard.

Fred Madar

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00 ✓
5406	20 mi	MILEAGE	495	840.00 ✓
5402	777.70	Casing footage		NK ✓
5407	Minimum	Ton Miles	503	368.00 ✓
5502C	2 hrs	80 BBL Vac Truck	370	200.00 ✓
1124	111 sks	50/50 Premix Cement	1276.50	✓
1118B	287#	Premium Gel	63.15	✓
1107A	56#	Pheno Seal	75.00	✓
		Material	1415.21	✓
		Less 30%	-424.56	✓
		Total Material	990.65	✓
4402	2	2 1/2" Rubber Plugs	59.00	✓
			3324.01	✓
		7.65%	SALES TAX	80.39 ✓
			ESTIMATED TOTAL	2866.96 ✓



completed

Hevin 3737

AUTHORIZATION Tracy 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.

LEASE NAME: Harbison OPERATOR: KRED START DATE: 5 May 14
 WELL #: KR 48 LOCATION: Miami API #:
 SURFACE PIPE: 27" Ft 22' 8" Cement (#bags): 5
 PRODUCTION: PIPE: USED SIZE: 27 1/8 =FI 777.70

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
11	Soil		11	1	Red Bed		380
10	Lime		21	110	Shale		490
2	Coal		23	2	Broken Sand	Little Smell	492
3	Shale		26	25	Shale		517
10	Lime		36	1	Lime		518
13	Shale		49	20	Shale		538
1	Lime		50	2	Lime		540
1	Shale		51	6	Shale		546
18	Lime		69	8	Lime		554
2	Shale		71	4	Shale		558
4	Lime		75	2	Lime		560
3	Shale		78	24	Shale		584
18	Lime		96	9	Lime	Soft	593
26	Shale		122	15	Shale		608
1	Lime		123	3	Lime		611
63	Shale		186	2	Coal		613
1	Lime		187	4	Shale		617
1	Shale		188	3	Lime		620
15	Lime		203	4	Shale		624
25	Shale		228	2	Lime		626
2	Red Bed		230	2	Shale		628
6	Shale		236	4	Lime		632
5	Lime		241	2	Shale		634
34	Shale		275	2	Lime		636
15	Lime		290	1	Red Bed		637
15	Shale		305	6	Shale		643
11	Lime		316	2	Lime		646
2	Shale		318	1	Shale		647
14	Lime		332	3	Lime		650
2	Coal		334	2	Coal		652
4	Shale		338	3	Lime		655
22	Lime		360	5	Shale		660
5	Shale		365	4	Lime		664
13	Lime	KC Base	378	12	Shale		676
1	Coal		379	3	Broken Sand & Little Bed		683

Core point

LEASE NAME	OPERATOR		START DATE:
WELL #	LOCATION:		API #
SURFACE PIPE:	Ft	Cement(#bags)	
PRODUCTION:	PIPE:	SIZE:	=FT

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment
3	oil Sand		684			
2	Lime		686			
2	oil Sand		688			
1	Broken		689			
3	oil Sand		692			
1	Broken		693			
6	oil Sand		699			
21	oil Sand	Heavy Bleed	720			
10	Shale		730			
4	Lime	Soft	734			
20	Shale		754			
4	Lime	Soft	758			
32	Shale	TD	792			
* 699-722 was Chipped *						
* 1 core *						
No Baffle						
Ronnie						