



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1245009  
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: \_\_\_\_\_



1245009

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

2262  
2208

**Invoice # 83518**  
**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 50849  
LOCATION Ottawa KS  
FOREMAN Fred Mader

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-26-15	4448	Bullou # KR-20	SE 14	17	22	MI

  

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Kansas Resources Expl & Dev	712	Fred Mader		
	495	Harber		
	675	Kei Det		
	548	Dan Wha		

  

CUSTOMER	CITY	STATE	ZIP CODE
Kansas Resources Expl & Dev	Overland Park	KS	66210

JOB TYPE Plug HOLE SIZE 5 7/8 HOLE DEPTH 650 CASING SIZE & WEIGHT N/A  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE NO TD. TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING Full  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 413 PM

REMARKS: Hold safety making rig can drill pipe to TD. Spot 10 SKS Cement @ TD. Pull drill pipe to 250' Fill to surface w/ Cement. Pull remaining drill pipe. Top off well w/ Cement. Wash out drill pipe.

Total 65 SKS 50/50 Por Mix Cement 6% Cul.

Utah Drilling. Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE Plug to Abandon	495	1085 <sup>00</sup>
5406	25 mi	MILEAGE	495	105 <sup>00</sup>
5407	Minimum	Ten Miles	510	368 <sup>00</sup>
5502C	2 hrs	80 BBC Vac Truck	675	200 <sup>00</sup>
1124	65 SKS	50/50 Por Mix Cement	747 <sup>50</sup>	
118B	328*	Premium Cul	72 <sup>16</sup>	
		Material	819 <sup>66</sup>	
		Less 30%	245 <sup>70</sup>	
		Total		578 <sup>26</sup>
			7.65%	SALES TAX
				ESTIMATED
				TOTAL

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's

SPUD DATE: 2-24-15
FINISH DATE: 2-25-15
LEASE: Ballou
LEASE OPERATOR: KRED
WELL: KR-20
API: 15-121-30935
SEC: TWP: RNG:
COUNTY: Miami
DRILLERS NAME: Waylon Johns
RIG #: 2



2394 UTAH ROAD  
RANTOUL, KS 66079

SURFACE: SIZE BIT 11" LENGTH 20' SIZE 7" CEMENT 5 Bags  
 DRILL BIT SIZE 5 7/8 LENGTH N/A SIZE N/A BAFFLE N/A  
 TD 681 CORED 457-477

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	2	0	2	Lime Oil Smell No Bleed	1	453	454
Lime	1	2	3	Solid Brown Sand Smell No Bleed	1	454	455
Shale	114	3	117	Solid Sand Light Bleed R.P	2	455	457
Lime	21	117	138	Solid Brown Sand Smell No Bleed	1.75	457	458.75
Shale	26	138	164	Lime	.25	458.75	459
Lime	5	164	169	Solid Oil Smell Light Bleed	3	459	462
Coal	1	169	170	50% Broken Brown Sand No Bleed	2	462	464
Shale	25	170	195	Shale	6	464	470
Lime	14	195	209	Lime w/ shale streaks	5.5	470	475.5
Shale	13	209	222	Lime Fair bleed	5.5	475.5	479
Lime	11	222	233	Lime Light bleed	2	479	481
Shale	2	233	235	Lime	6	481	487
Lime	3	235	238	Shale some coal	38	487	525
Shale	5	238	243	Lime	10	525	535
Lime	5	243	248	Shale	12	535	547
Shale	9	248	257	Lime	2	547	549
Lime	20	257	277	Shale	19	549	568
Coal	3	277	280	Lime	2	568	570
Lime	3	280	283	Shale	22	570	592
Shale	4	283	287	Lime	2	592	594
Lime KC	8	287	295	Shale	4	594	598
Shale	113	295	408	Coal	1	598	599
Shale 30% Grey Sand No Oil Show	7	408	415	Shale	7	599	606
Shale	20	415	435	Lime	3	606	609
50% Broken Brown Sand Smell No Bleed	4	435	439	Shale	11	609	620
Solid brown Sand Smell No Bleed	2	439	441	Coal	5	620	625
60% Broken Brown Sand Smell No Bleed	2	441	443	Shale	6	625	631
Lime Oil Smell No Bleed	5	443	448	20% Broken Grey Sand No Oil Show	5	631	636
50% Brown Sand Smell No Bleed	1	448	449	Shale TD	45	636	681
Solid Brown Sand Smell No Bleed	3	449	452				
50% Brown Sand / Lime Smell No Bleed	1	452	453				