



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1183425  
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: \_\_\_\_\_

1183425

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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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260036

TICKET NUMBER 42034

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
6/26/13	3554	Brown # 20	NE 30	17	22	MI
CUSTOMER <u>Herride, John</u>			TRUCK #			
MAILING ADDRESS <u>3553 Oregon Rd</u>			DRIVER			
CITY <u>Ottawa</u>		STATE <u>KS</u>	ZIP CODE <u>66067</u>	TRUCK #		
				DRIVER		
				<u>481</u>	<u>Cashen</u>	
				<u>6660</u>	<u>Gar Moo</u>	
				<u>503</u>	<u>Dan Det</u>	
				<u>369</u>	<u>Dert Mas</u>	

JOB TYPE long string HOLE SIZE 5 7/8" HOLE DEPTH 568 CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 558' DRILL PIPE \_\_\_\_\_ TUBING pin- 554' OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 4'  
 DISPLACEMENT 3.21 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100# Premium Gel followed by 10 bbls fresh water, mixed + pumped 77 sks 50% Pozmix cement w/ 2% gel per sk, cement to surface. Flushed pump clean, pumped 2 1/2" rubber plug to pin w/ 3.21 bbls fresh water, pressured to 500 PSI, shut in casing.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	on lease	MILEAGE		1085.00
5402	558'	casing footage		
5407	1/2 minimum	ton mileage		184.00
5502C	1.5 hrs	80 Vac		135.00
1124	77 sks	50% Pozmix cement		885.50
118B	229 #	Premium Gel		50.38
440A	1	2 1/2" rubber plug		29.50
			7.55%	SALES TAX
				72.89
				ESTIMATED TOTAL
				2442.27

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 account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# HUGHES DRILLING REPORT

Well No. #20  
 Farm Brown  
 SURFACE CASING  
 Size 7"  
 Feet 21.10  
 Circulated 7 sx cement

PERMANENT CSG.  
 Size 2 7/8" 8rd EUE  
 Feet 557' Bolt at 553'  
 sections nipple at 505'  
 T. D. at Completion 568'  
 Contractor HUGHES DRILLING CO.

OPERATOR John Hennick

STRATA THICKNESS	FORMATION DRILLED	T.D.
4	Soil	4
18	Clay	22
19	Lime	41
26	Shale	67
5	Lime	72
42	Shale	114
14	Lime	128
10	Shale	138
30'	Lime	168
9	Shale	174
30'	Lime	196
5	Shale	201
5	Lime	206
4	Shale	210
5	Lime	215
12	Shale	341
2	Red Bed	343
4	Shale	347
3	Lime	350
3	Shale	353
7	oil sand	360
11	Shale	371
18	Lime	389
41	Shale	430
6	Lime	436
13	Shale	449
2	Lime	451
17	Shale	468
6	Lime	474
7	Shale	481
2	Red Bed	483
4	Shale	487
2	Lime	489
2	Shale	491
2	Lime	493
6	Shale	499
4	Lime	503
6	Shale	509
9	oil sand	518
50	Shale	568
	T.D.	

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
6/25/13	0	4	Soil	① 21.5-21.5
21	4	22	Clay	② 22.5-44.0
6/26/13	22	41	Lime	③ 22.5-66.5
5 5/8 PVC	41	67	Shale (slate 53-54)	④ 22.5-89.0
	67	72	Lime	⑤ 22.5-111.5
	72	114	Shale	⑥ 22.5-134.0
	114	128	Lime	⑦ 22.5-156.5
	128	138	Shale	⑧ 22.5-179.0
30'	138	165	Lime	⑨ 22.5-201.5
	165	174	Shale (slate 173-174)	⑩ 22.5-224.0
20'	174	196	Lime	⑪ 22.5-246.5
	196	201	Shale (slate 200-201)	⑫ 22.5-269.0
	201	206	Lime	⑬ 22.5-291.5
	206	210	Shale	⑭ 22.5-314.0
"Hertha"	210	215	Lime	⑮ 22.5-336.5
	215	341	Shale (slate 215-216) (sd)	254-259)
	341	343	Red Bed	⑯ 22.5-359.0
	343	347	Shale	⑰ 22.5-381.5
	347	350	Lime (oil odor)	⑱ 22.5-404.0
	350	353	Shale	⑲ 22.5-426.5
"Paw"	353	360	oil sand (remarks pg. 3)	⑳ 22.5-449.0
	360	371	Shale	㉑ 22.5-471.5
	371	389	Lime	㉒ 22.5-494.0
	389	430	Shale	㉓ 22.5-516.5
	430	436	Lime	㉔ 22.5-539.0
	436	449	Shale	㉕ 22.5-561.5
	449	451	Lime	

