

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1328133
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: _____

1328133

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 <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:				

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

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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HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Hicks #1-WSW
 API # 15-091-24436-00-00
 SPUD DATE 11-29-16

Footage	Formation	Thickness	Set 41' of 8 5/8"
2	Topsoil	2	TD 1238'
25	clay(yellow)	23	Ran 1220' of 5 1/2"
41	shale	16	
64	lime	23	
72	shale	8	
109	lime	37	
127	shale	18	
145	lime	18	
153	shale	8	
211	lime	58	
231	shale	20	
239	lime	8	
259	shale	20	
266	lime	7	
270	shale	4	
280	lime	10	
322	shale	42	
347	lime	25	
357	shale	10	
379	lime	22	
383	shale	4	
386	lime	3	
392	shale	6	
398	lime	6	
572	shale	174	
578	lime	6	
608	shale	30	
628	lime	20	
1050	shale	422	
1238	lime	188	Miss. 1050' first break 1102' second break 1155'



REMIT TO
 Consolidated Oil Well Services, LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 809249

Invoice Date: 12/15/16 Terms: Net 30 Page 1

BRADLEY OIL COMPANY

P O BOX 21614
 OKLAHOMA CITY OK 73156-1614
 USA
 4057519146

HICKS #1-WSW

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	55.000	675.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	55.000	96.53
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	55.000	297.00
WS2402	Water Transport (Cement Service)	2.000	120.0000	55.000	108.00
CC5840	Poz-Blend I A (50:50)	267.000	13.5000	55.000	1,622.03
CC5965	*Bentonite*	449.000	0.3000	55.000	60.62
CC6079	PhenoSeal Formica Flakes	267.000	1.3500	55.000	162.20
CP8629	5 1/2" Basket	2.000	385.0000	55.000	346.50
CP8179	5 1/2" Top Rubber Plug	1.000	125.0000	55.000	56.25

Subtotal 7,609.15

Discounted Amount 4,185.03

SubTotal After Discount 3,424.12

Amount Due 7,994.99 If paid after 01/14/17

*pd 12/30
\$3597*

Tax: 173.62

Total: 3,597.75

Hicks wsw

CONSOLIDATED
Well Services, LLC

12/31/13

TICKET NUMBER 50280
LOCATION Ottawa, KS
FOREMAN Cassy Kennedy

4, Chanute, KS 66720
1-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT
CEMENT**

Invoice #809299

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/14/16	1601	Hicks # 1-42SW	NW 28	14	22	JO
CUSTOMER <u>Bradley Oil Co.</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>PO Box 21614</u>			729 ✓ Cas Ken ✓ Safety, Macking			
CITY STATE ZIP CODE <u>Oklahoma City OK 73150</u>			495 ✓ Hor Ber ✓			
			548 ✓ Kai Car ✓			
			505-7106 Mik Haa ✓			
JOB TYPE <u>logstring</u>	HOLE SIZE <u>7 7/8"</u>	HOLE DEPTH <u>1238'</u>	CASING SIZE & WEIGHT <u>5 1/2"</u>			
CASING DEPTH <u>1220'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT <u>29.04 bbls</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>5 bpm</u>			

REMARKS: held safety, making, established circulation, pumped 10 bbls fresh water, mixed & pumped 267 sks PB1A cement w/ 290 gal, & 1# Phenoseal per sk, flushed pump clean, pumped 5 1/2" rubber plug to casing TD w/ 29.04 bbls fresh water, cement to surface, pressured to 900 PSI, well held pressure, released pressure, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	30 mi	MILEAGE	214.50	214.50
CE0711	min	for mileage	660.00	660.00
WS2402	2 hrs	transport	240.00	240.00
		trucks	2614.50	
		-55%	1437.98	
		subtotal		1176.52
CC5840	267 sks	Portland 1A cement	3604.50	3604.50
CC5965	449 #	Gel	134.70	134.70
CC6079	267 #	Phenoseal	360.45	360.45
CP8629	2	5 1/2" cement basket	710.00	710.00
CP8179	1	5 1/2" rubber plug	125.00	125.00
		materials	4994.65	
		-55%	2747.06	
		subtotal		2247.59
		7.725%	SALES TAX	173.62
			ESTIMATED TOTAL	3597.73

AUTHORIZATION No Co. Rep. on location TITLE _____ DATE (7994.99)

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



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 661, Osawatomie, KS 66064
 913 / 753 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Bradley Oil Company**

Well **Hicks No. 1-WSW**

Field **Gardner South**

County **Johnson** State **Kansas**

Location **3836 FSL & 2834 FEL**

Other Services **Perforate**

Sec. **28** Twp. **14S** Rge. **22E**

Permit/Datum **GL** Elevation **1030'**

Log Measured From **GL** K.B. **NA**

Drilling Measured From **GL** D.F. **NA**

Date **12-20-2016** G.L. **1030'**

Run Number **One**

Depth Logger **1216.3**

Bottom Logged Interval **1216.3**

Top Log Interval **20.0**

Fluid Level **Full**

Type Fluid **Water**

Density / Viscosity **NA**

Salinity - PPM Cl **NA**

Max Recorded Temp **NA**

Estimated Cement Top **0.0**

Equipment No. **107** Location **Gardner**

Recorded By **Steve Vindisch**

Witnessed By **Steve Tivyer**

BORE-HOLE RECORD

Run No.	BIT	FROM	TO	SIZE	WST	FROM	TO
One	12.25"	41.0	8.625"	24.0#	0.0	41.0	1200.0
Two	7.875"	41.0	1238.0	5.50"	150#	0.0	1200.0

AP# 15-091-24.436

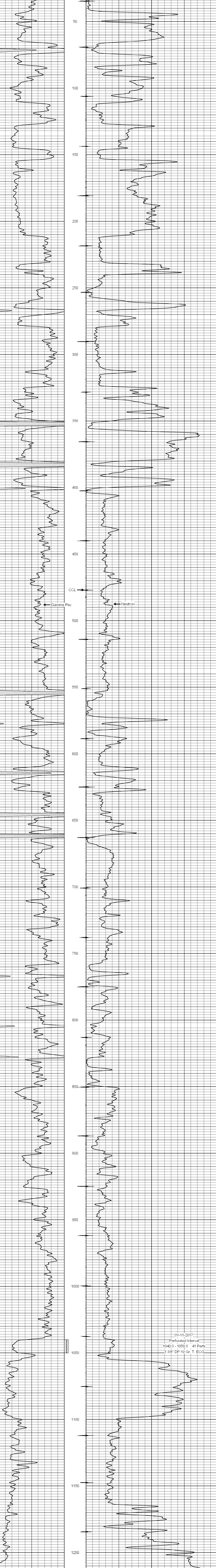
<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :
 Hat Drilling, LLC

Database File: hicks 1wsw.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Tue Dec 20 10:24:24 2016 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



0 Gamma Ray (cps) 150
 150 Gamma Ray (cps) 300
 -1 CCL 1
 10 Neutron (cps) 2100