



1263841

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			
Geologist Report / Mud Logs	<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)*

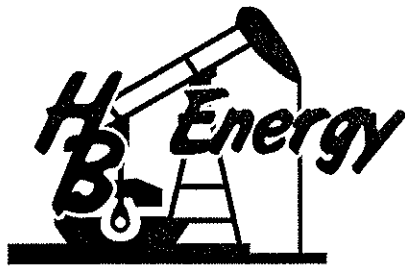
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:
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*Fueling American Prosperity™*

# Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes  
Isaac Burbank

## Well Log

Owners: Clay Hughes & Ray Groshong  
Clayton, Well #: GH I-1  
Sec. 29 Twp. 15 Rng. 21  
FSL: 3590 FEL: 4880  
API: 15-059-27058  
Start: 09/02/15  
End: 09/03/15

Phone: (785) 979-9493  
(913) 963-9127  
Fax: (785) 883-2305

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18	Soil & Clay	18
18	Sandstone	36
83	Shale	119
10	Lime	129
5	Shale	134
15	Lime	149
7	Shale	156
9	Lime	165
5	Shale	170
19	Lime	189
34	Shale	223
22	Lime	245
79	Shale	324
39	Lime	363
46	Shale	409
2	Lime	411
13	Shale	424
8	Lime	432
3	Shale	435
14	Lime	449
9	Shale	458
21	Lime	479
4	Shale	483
6	Lime	489
2	Shale	491
5	Lime	496
176	Shale	672
8	Lime	680
12	Shale	692
8	Lime	700
2	Shale	702
9	Lime	711

Base of the Kansas City / Hertha

Clayton GH I-1

11	Shale	722	
5	Lime	727	Brown, light oil show, hard
1	Coal	728	
6	Shale	734	
2	Lime	736	
5	Shale	741	
2	Lime	743	
1	Shale	744	
2	Lime	746	
19	Shale	765	
6	Broken Lime	771	
3	Silty Shale	774	
1	Limey Sand	775	
1	Broken Sand	776	80% brown sand, 20% shale, no bleed
1.5	Oil Sand	777.5	Brown sand, ok bleed
1.5	Broken Sand	779	Very laminated, 40% brown sand, 60% shale, light bleed
1	Oil Sand	780	Brown, light bleed
1	Broken Sand	781	50% brown sand, 50% shale, light bleed
1.5	Oil Sand	782.5	Light brown sand, few thin shale seems, ok bleed
2.5	Broken Sand	785	70% brown sand, 30% shale, gassy, good bleed
2	Silty Shale	787	
64	Shale	851	
1	Broken Sand	852	Light brown sand & shale, no oil
12	Shale	864	TD

Drilled an 11" hole to 42.3'  
 Drilled a 5 5/8" hole to 864'

09/02/15 set 42.3' of 7" surface casing, cemented with 11 sacks of cement.

09/03/15 cored Upper Squirrel zone.

09/03/15 set 854' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle.  
 Baffle set at 822'.

Best Perforation Zone: 776.5'-785' (Avoid 775-776.5), C.C.H.

	<b>Core Times</b>	
<u>Depth</u>	<u>Minutes</u>	<u>Seconds</u>
773-774	1	47
775	3	22
776	1	58
777	1	31
778	1	30
779		56
780	1	01
781		51
782	1	16
783	1	01
784	1	14
785	1	14
786	1	07
787	1	09
788	1	08
789	1	02
790	1	04
791	1	09
792-793	1	18



**CONSOLIDATED**  
Oil Well Services, LLC

4139  
4058

TICKET NUMBER 49795  
LOCATION Ottawa  
FOREMAN Alan Nader

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-487-8676

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-3-15	2999	Clayton G&L-1	NW 29	15	21	FR
CUSTOMER CCH, LLC			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 3131 Virginia			730	Alamad	Safety	Meat
CITY STATE ZIP CODE Wellsville KS 66092			368	Alamad		
			369	Mikhas		
			558	Jimbrel		
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>86'</u>	CASING SIZE & WEIGHT <u>2 7/8</u>			
CASING DEPTH <u>854</u>	DRILL PIPE	TUBING	OTHER <u>BT 822</u>			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>yes</u>			
DISPLACEMENT <u>4.8</u>	DISPLACEMENT PSI	MIX PSI <u>800</u>	RATE <u>4 gpm</u>			

REMARKS: Well meeting. Established rate. Mixed & pumped 100# gel followed by 105 sk Pozblend I-A plus 270 gal 2 1/2" flo seal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI for 30 minute M.I.T. Set float. Closed valve.

HB Energy

Alan Nader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	3.8	15.00
CR0002	15	MILEAGE	3.8	107.85
CE0711	min	Minimum turn	558	660.00
CE0853	1	812 gal	369	100.00
		Sub		2367.25
		less 40% -		946.90
				1420.35
CC 5840	105	Pozblend I-A		1417.50
CC 5915	270 #	gel		82.80
CC 6075	26 #	flo seal		52.00
CP8176	1	2 1/2" plug		4500
		Sub		1597.30
		less 40% -		638.92
				958.38
			8%	SALES TAX
				76.67
				ESTIMATED TOTAL
				2455.40
				(4093.33)

Rev'n 8737

AUTHORIZATION Clay 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.