

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1326679
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: _____

1326679



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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Sec. 4, Twp. 14, Rng. 22

Johnson Co., Kansas

865 FSL 4570 FEL

API # 15-091-24438

HUGHES DRILLING REPORT

Well No. HB 4
 Farm Fasolino
 SURFACE CASING Size 6 1/4"
 Feet 20
 Circulated 10 ex cement

PERMANENT CSG.
 Size 2 7/8" 8rd EVE (new)
 Feet 875.20
Baffle at 845.50
 T. D. at Completion 890
 Contractor HUGHES DRILLING CO.

OPERATOR HB Energy, LLC

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Soil	3
10	clay	13
14	lime	27
6	shale	33
10	lime	43
4	shale	47
1	lime	48
5	shale	53
14	lime	67
16	shale	83
7	lime	90
2	shale	92
59	lime	151
4	shale	155
3	lime	158
43	shale	201
13	lime	214
12	shale	226
4	lime	230
9	shale	239
17	lime	256
14	shale	280
30'	lime	310
7	shale	317
20'	lime	340
3	shale	343
4	lime	347
4	shale	351
8	lime	359
160	shale	519
3	lime	522
9	shale	531
4	lime	535
14	shale	549
7	lime	556
18	shale	574
3	lime	577
16	shale	593
2	lime	595
9	shale	604
7	lime	611

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
11/19/16	0	3	Soil	(1) 21.5-21.5
20' surface	3	13	clay	(2) 22.5-44.0
11/20/16	13	27	lime	(3) 22.5-66.5
485 5/8"	27	33	shale (slate 32-33)	(4) 22.5-89.0
PDC	33	43	lime	(5) 22.5-111.5
	43	47	shale	(6) 22.5-134.0
	47	48	lime	(7) 22.5-156.5
	48	53	shale	(8) 22.5-179.0
	53	57	lime	(9) 22.5-201.5
	57	83	shale	(10) 22.5-224.0
	83	90	lime	(11) 22.5-246.5
	90	92	shale	(12) 22.5-269.0
	92	151	lime	(13) 22.5-291.5
	151	155	shale	(14) 22.5-314.0
	155	158	lime	(15) 22.5-336.5
	158	201	shale	(16) 22.5-359.0
	201	214	lime	(17) 22.5-381.5
	214	226	shale	(18) 22.5-404.0
	226	230	lime	(19) 22.5-426.5
	230	239	shale	(20) 22.5-449.0
	239	256	lime	(21) 22.5-471.5
	256	280	shale	(22) 22.5-494.0
30'	280	310	lime	(23) 22.5-516.5
	310	317	shale	(24) 22.5-539.0
20'	317	340	lime	(25) 22.5-561.5
	340	343	shale	(26) 22.5-584.0
	343	347	lime	(27) 22.5-606.5

HUGHES DRILLING REPORT

Well No. H34 Size..... Size.....
 Farm Gasolino Feet..... Feet.....
 Circulated _____ sx cement

805 FSL 4570 FEL
 API # 15-091-24438

OPERATOR H3 Energy, LLC T. D. at Completion 890
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
7	shale	618
2	lime	638
18	shale	678
5	lime	643
83	shale	726
1	lime	727
84	shale	811
8	oil sand	819
6	shale	825
1	lime	826
64	shale	890
		TD

DATE	DRILLED		REMARKS -- TYPE WORK -- BILLING REF.	PIPE TALLY
	FROM	TO		
	347	351	shale	(28) 22.5-629.0
"Heath"	351	359	lime	(29) 22.5-651.5
	359	519	shale (Bnk 362-361)	(30) 22.5-674.0
	519	522	lime	(31) 22.5-696.5
	522	531	shale	(32) 22.5-719.0
	531	535	lime	(33) 22.5-741.5
	535	549	shale	(34) 22.5-764.0
	549	556	lime	(35) 22.5-786.5
	556	574	shale	(36) 22.5-809.0
	574	577	lime	(37) 22.5-831.5
	577	593	shale	(38) 22.5-854.0
	593	595	lime	(39) 22.5-876.5
605"	595	604	shale Bed	
11/21	604	611	lime	
	611	618	shale	
	618	620	lime	
	620	638	shale	
	638	643	lime	
	643	726	shale (lime 685-686) (slate 723-724)	
	726	727	lime	
	727	811	shale (slate 792-793)	
"Bartlesville"	811	819	oil sand (remarks pg. 3)	
	819	825	shale	
	825	826	lime	
	826	890	shale	
			TD	

11/21/16 - Set 875, 20 of 2 7/8" 8nd LUE (new)
 Baffle at 845.50
 Used 3 centralizers
 Float shoe on bottom

HUGHES DRILLING CO.

CORE TIME

Lease Fa 56 line 1434

Formation Antlersville

Date 11/21/16 RPM 647 sample

FROM	TO	TIME	MINUTES	REMARKS
811	812	}		Sand very lamin. w/shale (some bleed)
812	813			
813	814	-		Sand lamin. w/shale (bleeding)
814	815	-		limy sand (ex. bleed)
815	816	}		Solid sand (ex bleed)
816	817			
817	818			
818	819	-		Sand lamin. w/shale (bleeding)
819	820	}		Shale
820	821			
				(Best Perf Zone) 814 - 818 Isaac Binback Clay Hughes



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#

809071

Invoice Date: 11/23/16

Terms: Net 30

Page 1

H B ENERGY LLC

3137 Virginia Road
 WELLSVILLE KS 66092
 USA

FASOLINO HB-4

9139639127

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	62.000	570.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	62.000	81.51
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	62.000	250.80
WE0853	80 BBL Vacuum Truck (Cement Services)	1.000	0.0000	0.000	0.00
CC5840	Poz-Blend I A (50:50)	115.000	13.5000	62.000	589.95
CC5965	*Bentonite*	293.000	0.3000	62.000	33.40
CC6075	Celloflake	29.000	2.0000	62.000	22.04
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	62.000	17.10

Subtotal 4,117.90

Discounted Amount 2,553.10

SubTotal After Discount 1,564.80

Amount Due 4,252.58 If paid after 12/23/16

Tax: 51.18

Total: 1,615.98



CONSOLIDATED
Oil Well Services, LLC

7087 / 6884

TICKET NUMBER 50344
LOCATION Ottawa KS
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-457-8876

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-21-16	3645	Fasolina NB-4	SW 41	14	22	Jb
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
H B Energy LLC			712 Fred Mad			
MAILING ADDRESS			495 Halber			
3137 Virginia Rd			675 Kid Det			
CITY			503 Kid Car			
Wellsville						
STATE						
KS						
ZIP CODE						
66092						

JOB TYPE _____ HOLE SIZE 5 7/8 HOLE DEPTH 890 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 875 DRILL PIPE Baffle tubing @ 845 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sek _____ CEMENT LEFT in CASING 30' x Plug
 DISPLACEMENT 4.91 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold safety meeting. Establish circulation. Mix & Pump 100# Gel Flush. + Mix & Pump 115 sks Per Blend I A Cement 270 Gal 4" Flo Seal/sk Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to baffle in casing. Pressure to 800# PSI. Release pressure to set float valve.

1 Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500.00
CE0002	30 mi	MILEAGE	495	214.00
CE074	Minimum	Ten Miles delivery	500	660.00
WE0852	→	60 BBL Vac Truck!	18/ckg	
		Sub Total		2374.00
		less 62%		-747.20
				902.80
CE5840	115 SKS	Per Blend I A Cement	1533.00	
CE5865	293 #	Bentonite Gel	87.20	
CC4075	29 #	Cello Flake.	58.00	
CP8176	1	2 1/2" Rubber plug	45.00	
		Sub Total		1743.20
		less 62%		-1090.91
				662.29
			7.776	SALES TAX
				51.15
				ESTIMATED TOTAL
				1165.98
				(4252.58)

Revin 3737

AUTHORIZATION [Signature] TITLE _____ DATE 11/21/16

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.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.