

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1326671
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: _____

1326671

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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HUGHES DRILLING REPORT

Well No H05
 Farm: Fasolino

SURFACE CASING
 Size 6 1/4
 Feet 21.25
 Circulated 9 sx cement

PERMANENT CSG.
 Size 2 7/8" 8rd EVC (new)
 Feet 903.35
89 f f l e 97 872.65

T. D. at Completion 920'
 Contractor HUGHES DRILLING CO.

OPERATOR H B Energy, hvc

Jo Co. Kansas
775 FSL 3760 FEL
 API # 15-091-24439

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	soil	3
9	clay	12
26	Lime	38
8	Shale	46
8	Lime	54
11	Shale	65
15	Lime	80
8	shale	88
76	Lime	164
5	shale	169
2	Lime	171
41	shale	212
17	Lime	225
13	Shale	238
9	limo	247
9	shale	256
13	Lime	269
6	Shale	285
2	Lime	287
4	Shale	291
30'	32 Lime	323
8	shale	331
20'	32 limo	353
4	shale	357
5	lime	362
3	shale	365
"H"	8 Lime	373
151	shale	524
2	Lime	526
8	shale	534
3	Lime	537
10	shale	547
5	Lime	552
4	shale	556
2	lime	558
7	shale	565
6	Lime	571
18	Shale	589
4	Lime	593
14	shale	607
4	Lime	611

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
11/21/16	0	3	soil	① 21.5-21.5
21'	3	12	clay	② 22.5-44.0
11/28/16	12	38	Lime	③ 22.5-66.5
H B 5 7/8" PDC	38	46	shale (slate 44-45)	④ 22.5-89.0
5 paddle	46	54	Lime	⑤ 22.5-111.5
	54	65	shale (59-61 gray sand (hard))	⑥ 22.5-134.0
	65	80	Lime	⑦ 22.5-156.5
	80	88	shale	⑧ 22.5-179.0
	88	164	Lime	⑨ 22.5-201.5
	164	169	shale	⑩ 22.5-224.0
	169	171	lime	⑪ 22.5-246.5
	171	212	shale	⑫ 22.5-269.0
	212	225	Lime	⑬ 22.5-291.5
	225	238	shale	⑭ 22.5-314.0
	238	247	Lime	⑮ 22.5-336.5
	247	256	shale	⑯ 22.5-359.0 "H"
	256	269	Lime	⑰ 22.5-381.5
	269	285	shale	⑱ 22.5-404.0
	285	287	lime	⑲ 22.5-426.5
	287	291	shale	⑳ 22.5-449.0
30'	291	323	Lime	㉑ 22.5-471.5
	323	331	shale (slate 328-329)	㉒ 22.5-494.0
20'	331	353	Lime	㉓ 22.5-516.5
	353	357	shale (slate 350-357)	㉔ 22.5-539.0
	357	362	Lime	㉕ 22.5-561.5
	362	365	shale	㉖ 22.5-584.0
"Heatha"	365	373	Lime	㉗ 22.5-606.5

HUGHES DRILLING REPORT

So Co., Kansas Pg 2
 775 FSL 3760 FEL
 API # 15-091-24439

Well No H 35 SURFACE CASING PERMANENT CSG.
 Farm Fasolino Size Size
 Feet Feet
 Circulated _____ sx cement

OPERATOR HQ Energy, LLC T. D. at Completion 920'
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
28	Shale	639
2	Lime	641
98	Shale	739
3	Lime	742
86	shale	828
"Baffle" 9	oil sand	837
83	shale	920
		TD

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
	373	521	shale	(28) 22.5-629.0
SIS	521	526	Lime	(29) 22.5-651.5
11/29/16	526	534	Shale	(30) 22.5-674.0
	534	537	Lime	(31) 22.5-696.5
	537	547	shale	(32) 22.5-719.0
	547	552	Lime	(33) 22.5-741.5
	552	556	shale	(34) 22.5-764.0
	556	558	lime	(35) 22.5-786.5
	558	565	shale	(36) 22.5-809.0
	565	571	Lime	(37) 22.5-831.5
	571	589	shale	(38) 22.5-854.0
	589	593	Lime	(39) 22.5-876.5
	593	607	shale	(40) 22.5-899.0
	607	611	Lime	
	611	639	shale	
	639	641	Lime	
	641	739	shale	
	739	742	lime	
	742	828	shale (lime 783-784)	
"Bartlesville"	828	837	oil sand - (remarks pg. 3)	
	837	920	shale	
			T.D.	
11/29/16			set 903.35' of 2 7/8" 8rd EUE (new) Baffle at 872.65 used 3 centralizers float shoe on bottom	

HUGHES DRILLING CO.
 CORE TIME
 Lease Frasoline H35
 Formation Bartlesville
 Date 1/29/16 RPM chip sample

FROM	TO	TIME	MINUTES	REMARKS
				chip sample
828	829	sand very laminar		w/shale (some bleed)
829	830	}		sand slightly laminar w/shale (bleeding)
830	831			
831	832	}		solid sand (bleeding)
832	833			
833	834	-		sand slightly laminar w/shale (bleeding)
834	835	}		solid sand (bleeding)
835	836			
836	837	-		sand very laminar w/shale (bleeding)
837	838	}		shale
838	839			
839	840			
(Best Perf Zone 829 - 836 Isaac Burbank 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#

809127

Invoice Date: 11/30/16

Terms: Net 30

Page 1

H B ENERGY LLC
 3137 Virginia Road
 WELLSVILLE KS 66092
 USA
 9139639127

FASALINO #HB-5

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)	1.500	100.0000	62.000	57.00
CC5840	Poz-Blend I A (50:50)	120.000	13.5000	62.000	615.60
CC5965	*Bentonite*	302.000	0.3000	62.000	34.43
CC6075	Celloflake	30.000	2.0000	62.000	22.80
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	62.000	17.10

Subtotal 4,340.10
 Discounted Amount 2,690.86
 SubTotal After Discount 1,649.24

Amount Due 4,480.36 If paid after 12/30/16

Tax: 53.30
 Total: 1,702.54

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's 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.