

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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](mailto: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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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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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Remit To: Hurricane Services, Inc.  
 250 N. Water, Suite 200  
 Wichita, KS 67202  
 316-303-9515

Customer:  
 HB ENERGY LLC  
 3137 VIRGINIA RD  
 WELLSVILLE, KS 66092-9103

Invoice Date: 8/22/2022  
 Invoice #: 0362755  
 Lease Name: Fasolino  
 Well #: HB-I6 (New)  
 County: Johnson, Ks  
 Job Number: EP5671  
 District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Cement Pump Service	1.000	712.500	712.50
Heavy Eq Mileage	51.000	3.800	193.80
Light Eq Mileage	51.000	1.900	96.90
Ton Mileage-Minimum	1.000	285.000	285.00
Vacuum Truck-80bbl	3.000	90.000	270.00
Econobond	93.000	19.000	1,767.00
Bentonite Gel	200.000	0.380	76.00
2 7/8" Rubber Plug	1.000	38.000	38.00

**Total** 3,439.20

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**



<b>Customer</b>	HB Energy	<b>Lease &amp; Well #</b>	Fasolino HB-16	<b>Date</b>	8/22/2022
<b>Service District</b>	Garnett	<b>County &amp; State</b>	JO, KS	<b>Legals S/T/R</b>	4-14-22
<b>Job Type</b>	Longstring	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	<b>New Well?</b>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	<b>Job #</b>
<b>Equipment #</b>	<b>Driver</b>	<b>Job Safety Analysis - A Discussion of Hazards &amp; Safety Procedures</b>			
931	Casey Kennedy	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
239	Nick Beets	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
248	Devin Katzer	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
110	Garrett Scott	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
<b>Comments</b>					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
C010	Cement Pump Service	ea	1.00	\$712.50
M010	Heavy Equipment Mileage	mi	51.00	\$193.80
M015	Light Equipment Mileage	mi	51.00	\$96.90
M025	Ton Mileage - Minimum	each	1.00	\$285.00
T010	Vacuum Truck - 80 bbl	hr	3.00	\$270.00
CP049	EconoBond	sack	93.00	\$1,767.00
CP095	Bentonite Gel	lb	200.00	\$76.00
FE025	2 7/8" Rubber Plug	ea	1.00	\$38.00

<b>Customer Section:</b> On the following scale how would you rate Hurricane Services Inc.?			<b>Net:</b>	\$3,439.20
<b>Based on this job, how likely is it you would recommend HSI to a colleague?</b>			<b>Total Taxable</b>	\$ -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Tax Rate:</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	State tax laws deem certain products and services used on new wells to be sales tax exempt.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Sale Tax:</b>	\$ -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Total:</b>	\$ 3,439.20
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HSI Representative: <i>Casey Kennedy</i>	

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**



**CEMENT TREATMENT REPORT**

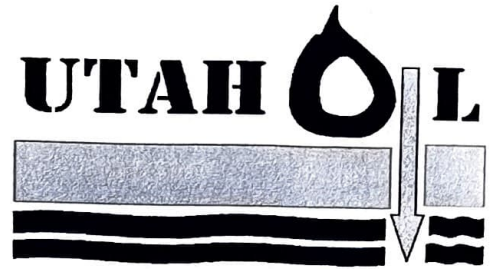
<b>Customer:</b> HB Energy	<b>Well:</b> Fasolino HB-I6	<b>Ticket:</b> EP5671
<b>City, State:</b> Wellsville, KS	<b>County:</b> JO, KS	<b>Date:</b> 8/22/2022
<b>Field Rep:</b> Isaac Burbank	<b>S-T-R:</b> 4-14-22	<b>Service:</b> Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
<b>Hole Size:</b>	5 5/8 in	<b>Blend:</b>	Econobond	<b>Blend:</b>	
<b>Hole Depth:</b>	894 ft	<b>Weight:</b>	13.52 ppg	<b>Weight:</b>	ppg
<b>Casing Size:</b>	2 7/8 in	<b>Water / Sx:</b>	7.12 gal / sk	<b>Water / Sx:</b>	gal / sk
<b>Casing Depth:</b>	880 ft	<b>Yield:</b>	1.56 ft <sup>3</sup> / sk	<b>Yield:</b>	ft <sup>3</sup> / sk
<b>Tubing / Liner:</b>	in	<b>Annular Bbls / Ft.:</b>	bbs / ft.	<b>Annular Bbls / Ft.:</b>	bbs / ft.
<b>Depth:</b>	ft	<b>Depth:</b>	ft	<b>Depth:</b>	ft
<b>Tool / Packer:</b>		<b>Annular Volume:</b>	0.0 bbls	<b>Annular Volume:</b>	0 bbls
<b>Tool Depth:</b>	ft	<b>Excess:</b>		<b>Excess:</b>	
<b>Displacement:</b>	5.09 bbls	<b>Total Slurry:</b>	25.84 bbls	<b>Total Slurry:</b>	0.0 bbls
		<b>Total Sacks:</b>	93 sks	<b>Total Sacks:</b>	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:45 PM			-	-	on location, held safety meeting
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 93 sks Econobond cement, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to casing TD with 5.09 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure for 30 minute MIT
				-	released pressure to set float valve
	4.0			-	washed up equipment
				-	
3:45 PM				-	left location
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	

CREW		UNIT	SUMMARY		
<b>Cementer:</b>	Casey Kennedy	931	<b>Average Rate</b>	<b>Average Pressure</b>	<b>Total Fluid</b>
<b>Pump Operator:</b>	Nick Beets	239	3.1 bpm	- psi	- bbls
<b>Bulk:</b>	Devin Katzer	248			
<b>H2O:</b>	Garrett Scott	110			

SPUD DATE: 8-18-22  
 FINISH DATE: 8-22-22  
 LEASE: Resolino  
 LEASE OPERATOR: HB Energy LLC  
 WELL: HBIG  
 API: 15-091-24528  
 SEC: 4 TWP: 14S RNG: 22E  
 COUNTY: Johnson  
 DRILLERS NAME: McAteell  
 RIG #:



2394 UTAH ROAD  
 RANTOUL, KS 66079

SURFACE: SIZE BIT 9 7/8" LENGTH 20' SIZE 7" CEMENT 6 sacks  
 DRILL BIT SIZE 5 5/8" LENGTH 880' SIZE 2 7/8" ground BAFFLE N/A  
 TD 894' CORED N/A

FORMATION	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil/clay	19	0	19	shale	2	370	372
lime - Brown	4	19	23	lime - BK	8	372	380
shale	2	23	25	shale	28	380	408
lime	8	25	33	sand - grey	6	408	414
shale	2	33	35	shale	21	414	535
lime	13	35	48	sand - Hard grey (gas color)	7	535	542
shale	6	48	54	shale	14	542	556
lime	15	54	69	lime	4	556	560
shale	5	69	74	shale	2	560	562
lime	14	74	88	lime	4	562	566
shale	17	88	105	shale	1	566	567
lime	28	105	133	lime	13	567	580
shale	2	133	135	shale	20	580	600
lime -	43	135	178	lime	4	600	604
shale	44	178	222	shale	13	604	617
lime	8	222	230	lime	4	617	621
shale	1	230	231	shale - Redbed	27	621	648
lime	3	231	234	lime	7	648	655
shale	16	234	250	shale	98	655	753
lime	9	250	259	silty shale	5	753	758
shale	3	259	262	shale	4	758	762
lime	14	262	276	lime - broken	2	762	764
shale	2	276	278	shale	22	764	786
lime	2	278	280	lime	1	786	787
shale	13	280	293	shale	17	787	794
lime	36	293	329	sand - grey no show	10	794	804
shale	2	329	331	shale	13	804	817
lime	29	331	360	lime	1	817	818
shale	4	360	364	shale	15	818	833
lime	6	364	370	silty shale - hard	2	833	835

