CORRECTION #1

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

1254162

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 #			API No. 15		
Name:			Spot Description:		
Address 1:			Sec.	Twp S. R	East West
Address 2:			F6	eet from North / Se	outh Line of Section
City: S	tate: Z	ip:+	Fe	eet from East / W	lest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well	l #:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	No
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet
Operator:			If Alternate II completion, of	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls
Dual Completion			Dewatering method used:		
SWD			Location of fluid disposal if	i hauled offsite:	
☐ ENHR			Loodiion of haid diopodal in	nation office.	
GSW	Permit #:		Operator Name:		
_ <del>_</del>				License #:	
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		Recompletion Date	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

Confidentiality Requested:

Yes No

KCC Office Use ONLY						
Confidentiality Requested						
Date:						
Confidential Release Date:						
☐ Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II Approved by: Date:						



# 

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ving and shut-in pressu o surface test, along w ng, Final Logs run to ob	ormations penetrated. I ires, whether shut-in pro ith final chart(s). Attact otain Geophysical Data or newer AND an image	essure reached stat n extra sheet if more and Final Electric Lo	ic level, hydrosta space is neede	atic pressures, bod.	ottom hole tempe	erature, fluid recovery,
Drill Stem Tests Taker (Attach Additional	₋og Formatio	on (Top), Depth	and Datum	Sample			
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne Conductor, surface, inte		tion, 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
		ADDITIONA	L CEMENTING / SQL	⊥ JEEZE RECORD	<u> </u>		<u> </u>
Purpose:  Perforate Protect Casing Plug Back TD	Purpose: Depth Type of Cement # Sa Perforate Protect Casing			Type and Percent Additives			
Plug Off Zone							
Does the volume of the t		n this well? aulic fracturing treatment e submitted to the chemical		? Yes [	No (If No, s	skip questions 2 an skip question 3) ill out Page Three	
Shots Per Foot		N RECORD - Bridge Plut cotage of Each Interval Pe			cture, Shot, Ceme	nt Squeeze Record	d Depth
	2,233,7			,,,			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes N	0	
Date of First, Resumed	Production, SWD or ENH	IR. Producing Met	hod:	Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wat		Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:	Open Hole	METHOD OF COMPLI Perf. Dually (Submit	/ Comp. Cor	mmingled	PRODUCTIO	ON INTERVAL:
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Cabillit				

Form	ACO1 - Well Completion				
Operator	HB Energy LLC				
Well Name	HB HB 1				
Doc ID	1254162				

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	11	7	10	22	Portland	8	50/50 POZ
Production	5.6250	2.8750	8	678	Portland	105	50/50 poz

### **Summary of Changes**

Lease Name and Number: HB HB 1 API/Permit #: 15-059-26999-00-00

Doc ID: 1254162

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	06/05/2015	06/08/2015
Perf_Depth_1		4
Perf_Material_1		2" DML RTG
Perf_Record_1		494-498
Perf_Shots_1		4
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 53589	//kcc/detail/operatorE ditDetail.cfm?docID=12 54162



Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1253589

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

# CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15
Name:			Spot Description:
Address 1:			Sec TwpS. R
Address 2:			Feet from North / South Line of Section
City: Sta	ate: Zi	p:+	Feet from East / West Line of Section
Contact Person:			Footages Calculated from Nearest Outside Section Corner:
Phone: ()			□ NE □ NW □ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:, Long:
Name:			(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84
Purchaser:			County:
Designate Type of Completion:			Lease Name: Well #:
New Well Re-l	Entry	Workover	Field Name:
			Producing Formation:
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	d3vv	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core,	. Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info			If yes, show depth set: Feet
Operator:			If Alternate II completion, cement circulated from:
Well Name:			feet depth to:w/sx cmt
Original Comp. Date:			·
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)
O constituents at	D		Chloride content: ppm Fluid volume: bbls
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:
SWD			Location of fluid disposal if hauled offsite:
☐ ENHR			Location of hala disposal in fladica offsite.
☐ GSW			Operator Name:
_			Lease Name: License #:
Spud Date or Date Read	ched TD	Completion Date or	QuarterSecTwpS. R East Wes
Recompletion Date		Recompletion Date	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 Approved by: Date:						

KOLAR Document ID: 1253589

### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion				
Operator	HB Energy LLC				
Well Name	HB HB 1				
Doc ID	1253589				

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	7	10	22	Portland	8	50/50 POZ
Production	5.6250	2.8750	8	678	Portland	105	50/50 poz



Fueling American

# Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes Isaac Burbank

Phone: (785) 979-9493

(913) 963-9127

Fax: (785) 883-2305

# Well Log

HB Energy, LLC HB Well #: HB1

Sec. 34 Twp. 16 Rng. 21 Franklin County

Franklin County FSL: 565 FEL: 3415 API: 15-059-26999 Start: 4/22/15 End: 4/23/15

Thickness of Strata	<u>Formation</u>	<u>Total</u>	
8	Soil & Clay	8	
43	Shale	51	
17	Lime	68	
1	Shale	69	
2	Lime	71	
5	Shale	76	
2	Lime	78	
1	Shale	79	
8	Sand	87	Making a little water, grey
1	Lime	88	
11	Shale	99	
14	Lime	113	
16	Shale	129	
10	Lime	139	
2	Shale	141	
2	Lime	143	
15	Shale	158	
9	Lime	167	Some porosity, good oil show, making some water
2	Shale	169	
15	Lime	184	
11	Shale	195	
18	Lime	213	
6	Shale	219	
3	Lime	222	
5	Shale	227	
4	Lime	231	Base of Kansas City / Hertha
21	Shale	252	
2	Limey Sand	254	Hard
2	Sand	256	Making good amount of gas
1	Silty Shale	257	
8	Sand	265	Thin shale seems, making good amount of gas
70	Shale	335	

4	Silty Shale	339	
24	Shale	363	
9	Red Bed	372	
10	Shale	382	
15	Lime	397	
34	Shale	431	
1	Coal	432	
6	Shale	438	
6	Lime	444	
3	Broken Sand	447	Grey sand & laminated shale, ok bleed
12	Shale	459	
2	Lime	461	
7	Shale	468	
8	Lime	476	
12	Shale	488	
1	Lime	489	
4	Shale	493	
1	Lime	494	Brown, hard, good bleed
3	Lime	497	Brown, lots of porosity, soft, great bleed
3	Lime	500	Hard, light show
1	Shale	501	
2	Silty Shale	503	Core point - 504
3	<b>Broken Sand</b>	506	85% light brown sand, 15% green shale, no show
16	Sand	522	Light brown, no bleeding
1	Black Sand	523	No oil
1	Silty Shale	524	
2	<b>Broken Sand</b>	526	5% brown sand, 95% shale, light show
30	Shale	556	
1	Lime & Shells	557	
11	Shale	568	Core point
.5	Limey Sand	568.5	No show, grey
3.5	Broken Sand	572	60% brown sand, 40% shale, light bleed
13	Shale	585	
1	Silty Shale	586	Oil trace
28	Shale	614	
1	Silty Shale	615	
42	Broken Sand	657	Light brown sand & shale, no oil
2	Shale	659	,
19	<b>Broken Sand</b>	678	Light brown sand & shale, no oil
		TD	-

Drilled an 11" hole to 22' Drilled a 5 5/8" hole to 678'

04/22/15 set 21.6' of 7" surface casing, cemented with 8 sacks of cement.

04/23/15 Cored 1st Squirrel zone.

04/23/15 Cored 2<sup>nd</sup>/3<sup>rd</sup> Squirrel zones.

04/23/15 The open hole below permanent casing (555'-678') was filled with cement by Consolidated Oil Well Services, prior to cementing permanent casing.

04/23/15 set 555' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle. Baffle set at 526'



PO Box 884, Chanute, KS 66720

### FIELD TICKET & TREATMENT REPORT

	x 800-467-8676	)		CEMEN				
DATE	CUSTOMER#	WEL	L NAME & NUM	BER ·	SECTION	TOWNSHIP	RANGE	COUNTY
1315	3645	48	F HB-1	: *	Sw34	18	21	<del>PR</del>
STOMES <	242				TRUCK#	DRIVER	TRUCK#	DRIVER
ILING ADDRE	\$\$ 31			1	724	Carken	Safety	eetica
3131	Virginia	RJ	•	1	404	Kei Car	1	
Y ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	o it divin	STATE	ZIP CODE	1	510	Alled		
1 sello:	ile.	KS	66 065					
		HOLE SIZE	55/2"	 _ HOLE DEPTI	4 67R'	CASING SIZE & Y	VEIGHT_274	
ING DEPTH	//	DRILL PIPE		TUBING-P		222,	OTHER	
JRRY WEIGH		SLURRY VOL		WATER galls		CEMENT LEFT In	CASING	
PLACEMENT		DISPLACEMEN	VT PSI	MEX PSI		RATE 4 have		
IARKS: L	eld solone	mathine	establish	ed circu	lestion rei	red tour	ped 100 #	gal,
(m) +	weed 2	0 357	950 Poz	tuix Celm	est w/2	% golf 1/4	# Floson	per
- Thou	ah tuton	a huna	on 120'	drill sta	ed to pl	n back e	pen hole	, pulled,
71 9	Hour to	sell & V	una tob	ing on	claud, 1	cixal + pi	super /N	*#gel,
ixed +	pumped	85 JKs	4	Teinel	<u>t, cèine</u>	at to sing	ece ful	had axue
ياد مدده	mped 2	1/2 " cebbe	- plug to	Casing	TO W/ 3	131 7967 L	esh inatec,	precruise
300	Policela	sed pres	sice shu	thou	سناه		A-	<u> </u>
•		V		· -			-18	
المنع و	Aird Ho						77 /	
CODE	QUANITY	or UNITS	Dŧ	SCRIPTION o	f SERVICES or Pl	RODUCT	UNIT PRICE	TOTAL
401			PUMP CHARG	Æ			1085,00	
2/4/	1C	4.1	MILEAGE				43.00	
700	13 6							
	555	7	asing	toplage	<u> </u>		21.0.00	
402	555 #Wh	7	fon 1	totoge uleage			368.00	
407 407	MAY'N.	\r.\$	<b></b>				ેટ્જ.જ	
407	MAY'N.	ves .	fon 1		trucks		1716.00	
407	MAY'N.		fon 1		trucks		ેટ્જ.જ	
407	MAY'N.		For M	uleage C	trucks	Subtotel	200.00 1746.00 1741.60	154.40
402 404 50≈C	MAY'N.		For M	uleage C	trucks		200.00 1746.00 174.60	1574.40
Y02 Y01 S0≈ 2V	105		80 U	uleage C	trucks		1716.00 1716.00 171.60 1207.50 82.72	154.40
402 30≠ 50≈C 24 UBB	105 376	4	80 U	uleage C	trucks -10% cement	Subtotel	1746. 90 1746. 90 1741. 60 1207. 50 82.72 64. 22	1534.40
24 24 24 303€	105 376		80 U	uleage C	trucks -10° cement	substate!	200.00 1746.00 1741.60 1207.50 82.72 64.22 1354.44	154.40
3403 3403 503C	105 376	4	80 U	uleage C	trucks -10% cement	rials	1746. 90 1746. 90 1741. 60 1207. 50 82.72 64. 22	
3407 24 27 37 37 37 37	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	substate!	200.00 1746.00 1741.60 1207.50 82.72 64.22 1354.44	948.11
Y02 Y01 S0≈C 24 U8B 107	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	rials	200.00 1746.00 1741.60 1207.50 82.72 64.22 1354.44	
24 188 107	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	uleage C	trucks -10% cement mode -30	rials	200.00 1746.00 1741.60 1207.50 82.72 64.22 1354.44	948.11
1409 1403 1403 11818 1103	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	rials	200.00 1746.00 1741.60 1207.50 82.72 64.22 1354.44	948.11
124 188 103	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	Kals 20 Subtatel	200.00 1746.00 1746.00 1207.50 82.72 64.20 1354.44 406.33	948.11
1402 1402 1402	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	rials	200. 00 [746. 00 [746. 00 [7207. 50 82.72 64. 22 [354. 44 406. 33	948.11 27,50
24 188 107	105 376	4	80 Us 80 Us 80 Us 8950 F Gol Florens	ulesge c.	trucks -10% cement mode -30	Kals 20 Subtatel	200. 00  1716. 00  1716. 00  1207. 50  82. 72  44. 22  1354. 44  406. 33  SALES TAX  ESTIMATED	948.11