Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1351672

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:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	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-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ 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: □ Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth:	
□ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
□ Commingled Permit #:	Chloride content:ppm Fluid volume:bbls Dewatering method used: Location of fluid disposal if hauled offsite:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name: Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	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 Approved by: Date:

, 4054670

							13516	572		
Operator Name:				Lease N	ame:			Well #:		
Sec Twp		_S. R	East West	County:						
open and closed, flo and flow rates if gas	wing to su	and shut-in press	formations penetrated. D sures, whether shut-in pre with final chart(s). Attach	ssure reach extra sheet	ed stati	c level, hydrosta space is needed	tic pressures, bott f.	om hole tempe	erature, fl	uid recovery,
			btain Geophysical Data a or newer AND an image f			gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go\	v. Digital	electronic log
Drill Stem Tests Take		ets)	Yes No		_ L		n (Top), Depth an			Sample
Samples Sent to Ge	ologic	cal Survey	☐ Yes ☐ No		Nam	е		Тор	L	Datum
Cores Taken Electric Log Run			☐ Yes ☐ No ☐ Yes ☐ No							
List All E. Logs Run										
			CASING Report all strings set-o	RECORD conductor, surf	Ne		on, etc.			
Purpose of String		Size Hole Drilled	Size Casing Set (In O.D.)	Weigh		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Dillieu	Get (III G.D.)	LD3.71		Бериі	Cement	Oseu		uditives
			ADDITIONAL	CEMENTIN	G/SQU	EEZE RECORD	I			
Purpose: Perforate Protect Casing Plug Back TD)	Depth Top Bottom	Type of Cement	# Sacks \	Jsed		Type and Po	ercent Additives		
Plug Off Zone										
	total I	pase fluid of the hyd	on this well? Iraulic fracturing treatment ex n submitted to the chemical o				No (If No, ski)	o questions 2 an o question 3) out Page Three	,	O-1)
Shots Per Foot			ON RECORD - Bridge Plug Footage of Each Interval Perf				cture, Shot, Cement mount and Kind of Mai		i	Depth
TUBING RECORD:		Size:	Set At:	Packer At:		Liner Run:				
							Yes No			
Date of First, Resume	ed Prod	duction, SWD or EN	IHR. Producing Meth	od: Pumping		Gas Lift C	ther (Explain)			
Estimated Production Per 24 Hours	l	Oil	Bbls. Gas	Mcf	Wate	er Bl	ols. G	as-Oil Ratio		Gravity
DISPOSI		DF GAS:	M Open Hole	METHOD OF (_	Comp. Con	nmingled nit ACO-4)	PRODUCTIO	N INTER	/AL:

(If vented, Submit ACO-18.)

Other (Specify)

Form	ACO1 - Well Completion
Operator	HB Energy LLC
Well Name	HALEEM 1
Doc ID	1351672

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	5.625	2.875	8	935	Portland	125	50/50 POZ

HUGHES DRILLING REPORT

SURFACE CASING

Well No. # 1 Size 7" Farm Haleen Feet 22,20 Size 2 3 Brof Eve (new) Peel 924 11 1 904,05

Farm.	(A.I. talian	Mhom	r eet	and R sy coment Best Fle el	7.707,00		- Cd
, ,,,,,,,			Circule	nted B ex cement (30) ff fe	a50	2 5	
				T. D. at Completion		2.7	3ha/2 58
open ATO	R H	Ener	M M M M	Contractor HUGHE	s prilling co.	2/	Lime 79
C	C	10.00	A e se	OURES, LLa	THE RESERVE THE PROPERTY OF THE PERSON NAMED AND ADDRESS OF TH	7	
101	Janas	1 000	LLED	REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY	11	Line 97
DATE		FROM	ro	REGULARIS		3	3/20/8 100
		8	4	5011	1031,5.21,5	13	41 me 118
METH	a	1.1	29	clay	2) 2x,5. 41/1	" 21	240/1/139
22					322 J. bk. 3	2	1.116 141
1171	(o	29	58	ghale 12 13	- to the same of t	7	ghale 148
	Y8 PPC	58	79	Line (3/105/0 1/2-63		76	Lime 174
110	yc. le	79	86	shale Dans	322.3-141,3	29	shale 203
7,30	W. 10	86	97	hine	0 22.5-134.9		5/10/6 236
					7225 1565		
		97	100	shalf	8225-1790	·	1/10 242 1/04 250
1		100	3	Line			
		118	139	Shale	10725.2015	12	
		4	141	Linge	@225-224.0		The state of the second state of the second
		4	-t		(M) 15-246.5	6	5hole 298
:				shale	022.5-267.0		The state of the s
		148	174	Limp	(13)22.5-291.5	5 13	
		174	205	3406			
-			1	Line	(14)22.5-314.0		shale 375
					(8)22.5-3365	20' 22	
			1776	15/2014		The second secon	34918 403
***************************************		No the	1777	Line	1225-3590		Line 406
		· * K	250	5ha10	17 225-3815	4	shale 410
	to recognize the comment of the comm	250		Line	18 225 404,0	Harthy	6, me 415
				Stale (PM 273-271)	19225-4265	171	shale 586
	a and the amount of the other		279		20225.4490		Lime 596
		279	225	Lime	75.	/7	
	COMPANY OF THE PARTY OF THE PAR		1296	Shab	50225-471	5	Lime 617
				Z;me	27225.494	17	shall 630
		7 .	7111	51.10	P3 72 8-516.5		Lime 633
				Shale	ay225-539	i **	shale by1
	30'	374	1367	Line	7	[8	14ime 649
	The state of the s	367		shalp (Slate 368-369)	1 (25) 22,5-561,5	3	shale 654
				P	20 225-284	9	Red Bed 663
	20'		********	Lime	27725-606		24010 670
Property laws and		1397	1402	shale (slate 461-402)	W/ 233-606	1)	Market Service Control of the Contro

Sec. 1. IWP. 17, RIIS. -1 ان Co., Kansas 4120 FSL 4180 FEL API# 15-091-24437

STRATA

HORMAROR

T,D.

DRILLED THICKNESS 5011 U 25 0141

4120 FSL 4180 FEL HUGHES DRILLING REPORT API#15-091-24437 PERMANENT CSG. SURFACE CASING Well No. Size. FORMATION STRATA C.T Size DRILLED THICKNESS Farm Hallem Fort 674 Line Circulated sx centent 726 52 ghale T. D. at Completion 950 727 hime OPERATOR HB Energy, LLC Contractor HUGHES DRILLING CO. 8 shale 735 1 Lime PIPE TALLY REMARKS - TYPE WORK - BILLING REP. DRILLED DATE Lima C28225-629,6 402 406 Lime 3 Sana 39225.621. shale 776 406/410/5hale Lime 30 225-6749 410 415 Wine 849 ghale 3/225-696.5 415 586 Shale glate 15 3225-719.0 586 596 Line Broken 33225.741,500THE 496608 shale 30225-764.0 608613 Lime 54011 1957 225.7865 613 630 shale Bool Bed 938 34225.8090 9hale 950 630 633 Line Brown 633 641 Shale (5/ ate 638-640) 37225-8315 3225-8540 641 649 Lime 35225-8760 649 654 shale 40)22.5 - 899.0 654 663 Bed Bed 10225-9215 603 670 Shale Glate 669-670 670/674/ Lime 98225-9140 674 726 shale 726 727 Lime 727,735 shale 735 736 Lime 736 748 shale 748 749 Lime 749 752 Brown Sand 752776 Shale 776,778 Line (Some Red Bed 798.802) 778 849 Shale

849 851 5/9TE

851 879 shale (Red Bod 865-868)

Sec. L. IWP.12 . MIS. AL ("

Jo Co., Kansas

HUGHES DRILLING REPORT

Well No. Size Size Size THICKNESS DRILLED T.D. Farm Hallem Feet Feet TO. at Completion T.D. at Completion Hughes Drilling Co. Contractor Hughes Drilling Co. Contractor Pipe Tally				OUDE.	HES DRILLI ACE CASING	NG REPO PERMANE			Jahnson 4120 F API# 15-0	Co., Kansas SL <u>4/80</u> 91-24437	FEI.
Farm Haller Sx comen Circulated sx comen T. D. at Completion GSO T. D. at Completion HUGHES DRILLING CO. DATE DAILED REMARKS - TYPE WORK - BILLING REF. PIPE TALLY Bartles sile 375 89/ 01/ Sand (coratine pg, W) 38/ 384 White Sand 386 884 933 Shale 18/14 933 938 Red Bell 18/16 933 938 Red Bell 18/16 933 938 Ged Bell 18/16 933 938 Ged Bell 18/16 933 938 Sed Bell 18/16 938 950 Shale 11/18/16 - Set 934, 40 of 21/3 826 EVE hew) Warf flx Sit at 904,05		#1		. 001117	100001011	Q:			STRATA	1	T.D.
OPERATOR H.B. ENRIGHT, LL.C. OPERATOR H.B. ENRIGHT, LL.C. Contractor HUGHES DRILLING CO. Contractor Bulling Raw. PIPE TALLY PROMITO 18 1894 937 891 01 5940 (CONATINE pg. W) 381 384 White Sand 386 884 933 5hale 18/14 938 950 5hale 11/13/16 - Set 934 40 of 2/3 8xl Eve Mew) Was File Sit at 904,0	Well No),l U 100		Stzc	***************************************				THICKNESS	DRILLED	-
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HUGHES DRILLING CO.

Wellsville, Kansas 66092

Roger 913-883-2235 Darrel 913-883-4027 CORETIME
LEASE HOLEM DI
FORMATION Bactlesville
DATE: 11-17-16

913-883-4656 913-883-4383

•••	FROM	FEET TO	TIME	MINUTES	REMARKS
8	,	876	Chio Sample	***************************************	Sdy Line (Some Blead)
	876	877	4:34:00 4:35:15	1:15	7 Solid Sand 876-878
	877	878	4:36:15	1:00	(Exc. Blead)
(3)	878	879	4:37:30	1:15	Sand Slightly lamin, w/white sand lexc, Bleed)
9	879	889	4'38:30	1:00	Sand Very langin Woulitesand & shalo
	880	881	4.39:30	1,90	(Good Blead)
6	881	882	4:40:30	1:00	3 white sand Igmin, w/shale
(2)	882	883	4:42,30	2:00	and the state of t
- 1 -	883	834	4:45.15	2:45	
9	884	885	4:48:00	2:45	394914
(19)	885	i	4:50:45	2.10	
	886	The state of the s	STOP		
12	38:1	888			1 Best Perf Zone
(13)	888	884			(876-881 FB)
(14)	889	1			(CCH)
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(20)	1845	896			
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1015

LOCATION ON TOTAL ME SERVER ME SERVE

PO Box 884, Chanute, KS 66720 FIELD 1 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPOR

Involu#809056

520-431-9210 C	or 800-467-8676			CEMEN		771707	DANCE	COUNTY
DATE	CUSTOMER#	WELL	NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	
11-18-16	7414	Nalean	#/		שו שי	16	2 L	Jo Marianton
CUSTOMER سوک	detans .	Rasource	s Lic		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE		,			712	Fre Mad		***
312	31 Virgi	har Rd			467	Ki Car		
CITY			ZIP CODE		675	A-IMED		
Well	e Ma	KS	66072		508	Casium		
JOB TYPE L		HOLE SIZE	576	HOLE DEPTH	950	CASING SIZE & W	EIGHT 275	EUE
CASING DEPTH	است	DRILL PIPE	Aflen	TUBINGS	905.		OTHER	. 0:
SLURRY WEIGH	нт	SLURRY VOL		WATER galls	k	CEMENT LEFT in	Casing 30	+ 11/10
DISPLACEMENT		DISPLACEMENT	PSI	MIX PSI		RATE 4 3 0 /	7(
REMARKS: H		Kum H.	F 5 1 a	blish ci	reviolion.	Mixt Pump	100 tel	,
Flus		to Perus V		cs Por	Bland IA	Casualt of	16 Call 14	·
Flo	Scal /sk.	Comerx	40 3v.	Face.	Flush pus	7	clean.	
Dis	place 22	" Rubber	plus to					
200	# PSI. M	Monitor,	pressur		30 M.K	m17. 1	Release	
pres	ssure 40	Set floo	* Valu	<u>e. 9</u>				
/				····				
Hughe	s Drillby	<u> </u>				Fue V	dala	
Account	7							TOTAL
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION o	SERVICES or PRO	JUUG I	UNIT PRICE	IVIAL.
CEO450	/ /		PUMP CHARG	E		467	15000	
CEOGOR	ن ر	76 mi	MILEAGE			407	21450	
ZEOMA	on Min	acusa.	Ton M	liles De	livery	503	660 dd	
WEO863	T 4	2 100	80 BO	· Vac	Trock	19.75	1500	
					Sub Tox		252450	
<u> </u>					Less	62%	- 156513	957
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CP 8176	1		272	plag			45.00	
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PC COUL	1_	SKS	Por B1.	end I A	Coment		168750	
· ·	125	\$ ks			Camerit		63 80	
CC 5965	7,25	5 #	Brukon	The Cul			63 80	
CC 5845 CC 5865 CC 6075	125	5 #	Brukon	The Cul	ello flake	Total	63 80	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub	Total css 62%	188950	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub	Total css 62%	63 80	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub		188950	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub		188950	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub		188950	
CC 5965	7,25	5 #	Brukon	The Cul	elluflake Sub		188950	71821
CC 5965	7,25	5 #	Brukon	The Cul	ello Flake Sub L		93 20 188950 - 117 41 SALES TAX	718 ²¹ 55.47
CC 5965	7,25	5 #	Brukon	The Cul	ello Flake Sub L	css 629 <u>4</u>	93 20 188950 - 117 41 SALES TAX	718 ⁻¹ 55.47

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.