Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1260424

Form ACO-1 November 2016 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.:				
Name:	Spot Description:				
Address 1:					
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: ()					
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 #:				
	Field Name:				
	Producing Formation:				
	Elevation: Ground: Kelly Bushing:				
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:				
	Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
	If Alternate II completion, cement circulated from:				
Operator:					
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Plug Back Liner Conv. to GSW Conv. to Producer					
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	On employ Marries				
GSW Permit #:	Operator Name:				
	Lease Name:License #:				
Spud Date or Date Reached 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

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:				

	Page Two	1260424
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated. De	tail all cores. Report all fi	nal conjes of drill stems tests giving interval tested, time tool

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 tional Sheets)		Yes No	[Log	Formatio	on (Top), Dep	th and Datum	Sample
Samples Sent to	,	vev	Yes No	1	Name			Тор	Datum
Cores Taken Electric Log Run Geolgist Report List All E. Logs F) / Mud Logs		Yes No Yes No Yes No						
			CASING	RECORD	New	Used			
		F	Report all strings set-	-conductor, surface	, intermedia	te, product	ion, etc.		
Purpose of St		e Hole rilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONA	L CEMENTING /	SQUEEZE	RECORD			
Purpose: Perforate		epth - Bottom	Type of Cement	# Sacks Use	ks Used Type and Percent Additives				
Protect Ca	TD								
	one								
	e of the total base	fluid of the hydraul	nis well? ic fracturing treatmer bmitted to the chemi		-	Yes Yes Yes	No (If N	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Date of first Produ Injection:	iction/Injection or F	Resumed Productio	n/ Producing Met	thod:	Gas Lif	it 🗌 C	Other <i>(Explain)</i> _		
Estimated Produce Per 24 Hours		Oil Bbls.	Gas	Mcf	Water	В	bls.	Gas-Oil Ratio	Gravity
DISP	OSITION OF GAS	:		METHOD OF COM	IPLETION:				ON INTERVAL:
Vented	Sold Used	d on Lease	Open Hole	Perf. Dually Comp. Commingled		Bottom			
(If vente	ed, Submit ACO-18.)		(S)	ubmit ACO-5,) (Sub	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At		Acid,		, Cementing Squeeze Kind of Material Used)	

Packer At:

Size:

Set At:

TUBING RECORD:

Form	ACO1 - Well Completion
Operator	HB Energy LLC
Well Name	Oyster I-1
Doc ID	1260424

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	7	10	30	Portland	8	50/50 POZ
Production	5.625	2.875	8	770	Portland	106	50/50 POZ

Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes Isaac Burbank

Well Log

Fueling American

Sandstone Resources, LLC Oyster #I-1 Sec. 14 Twp. 17 Rng. 22 Miami 3300 FSL, 3085 FEL API: 15-121-31079 Start: 08/12/15 End: 08/13/15 Phone: (785) 979-9493 (913) 963-9127 Fax: (785) 883-2305

Thickness of Strata	Formation	<u>Total</u>	
4	Soil & Clay	4	
23	Brown Clay	27	No sand, no gravel
51	Shale	78	
16	Lime	94	· · ·
12	Shale	106	
2	Lime	108	
14	Shale	122	
6	Lime	128	
35	Shale	163	
10	Lime	173	
2	Shale	175	
3	Lime	178	
11	Shale	189	
25	Lime	214	Light oil show, making water
7	Shale	221	
24	Lime	245	
5	Shale	250	
4	Lime	254	
2	Shale	256	
8	Lime	264	
1	Shale	265	
3	Lime	268	Base of the Kansas City / Hertha
104	Shale	372	
1	Silty Shale	373	
2	Broken Sand	375	Brown & green sand, light bleed
2	Silty Shale	377	
21	Shale	398	
4	Red Bed	402	
3	Silty Shale	405	
1	Oil Sand	406	Soft light brown sand, ok bleed
4	Limey Sand	410	White/ light brown, hard, minimal oil show
2	Broken Sand	412	90% soft light brown sand, 10% shale, light bleed



Oyster I-1

1	Limey Sand	413
8 3 2 3 1	Shale Broken Sand Limey Sand Broken Sand Shale	421 424 426 429 430
1 1 3 6 40 2 6	Limey Sand Shale Limey Sand Lime Shale Coal Shale	431 432 435 441 481 483 489
5 15 3 20 1 15	Lime Shale Lime Shale Lime Shale	494 509 512 532 533 548
2 18 2 1 1 2 1 1 3	Lime Shale Silty Shale Broken Sand Broken Sand Broken Sand Silty Shale Broken Sand	550 568 570 571 572 574 575 576 576
1 39 1 2 1 19 4 6 1 8 3 3 4	Silty Shale Shale Oil Sand Broken Sand Silty Shale Shale Shale Coal Shale Lime Shale Broken Sand	580 619 622 623 642 646 652 653 661 664 667 671
18 1	Silty Shale Broken Sand	689 690

White lime with thin brown sand streaks, minima oil show 40% brown sand, 60% shale, ok bleed 30% brown sand, 70% shale, ok bleed White & brown, light show

Brown, no oil

80% white sand, 20% brown oil sand, light bleed

20% brown sand, 80% shale, gassy, ok bleed 25% dark brown sand, 75% shale, light bleed

30% black & brown sand, 70% shale, light bleed, gassy

Brown, light bleed 80% brown sand, 20% shale, light bleed Grey

Light brown sand & shale, minimal oil odor, no show With lime streaks Light brown sand & shale, minimal oil show

11	Silty Shale	701	
3	Oil Sand	704	Brown, good bleed
4.5	Oil Sand	708.5	Brown, excellent bleed
1	Coal	709.5	
.5	Shale	710	
70	Shale	780	TD

Drilled an 11" hole to 30' Drilled a 5 5/8" hole to 780'

08/12/15 set 30' of 7" surface casing, cemented with 8 sacks of cement.

08/13/15 cored Cattleman zone.

08/13/15 set 770' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle. Baffle set at 740'.

Best perforation zone: 701'-707' (avoid coal)



3948	5
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49756 TICKET NUMBER 491 LOCATION Officing ICS FOREMAN (DSpy Leiling

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

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FIELD TICKET & TREATMENT REPORT

CEMENT

DATE CUSTOMER	# WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8/3/15 9999	Oystor # I-1		NW 19	17	22	M
CUSTOMER	/	1				
Sand stone			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS]	729	asten	Salety,	Haiting
3236 Uirgi	nia Rol		Hoz	Keilar	V /	
CITY		1	558	ArlMcD	$\overline{}$	
Wellsville	KS 66092					
JOB TYPE longstring	HOLE SIZE 558	HOLE DEPTH	780'	CASING SIZE & V	NEIGHT	ere
CASING DEPTH	DRILL PIPE	TUBING LA	He-740	<i></i>	OTHER	
SLURRY WEIGHT	SLURRY VOL	WATER gala	k	CEMENT LEFT In	CASING <u>30</u>	
DISPLACEMENT 428 Lbb	DISPLACEMENT PSI	MIX PSI	· · · · · · · · · · · · · · · · · · ·	RATE 4621	\	
REMARKS: Lold soft	meeting established	dairy	lation m	ixed tour	Land Der	Att Ool
	Is tosh water nr		•	sto sto 5	for Pozbl	end TA
	al + 1/4 # Elas		st. Cene	it to suc	fore the	spect
are down an	and D's" relater of	wo to	balle w	14.28 605	tooch yr	fer,
protoured to 80	50 FSI, well hel	e press	une hor.	30 min M	IT, relea	red
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	ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	CECHSO	1	PUMP CHARGE	1500.00	
	CEODO2	25 mi	MILEAGE	178.75	
]	CEOTU	nin	ten mileage	660.00	
			tructs	2338.75	
			- 39%	912.11	
			entotal		1426.64
5	CC5840	106 Sec	5950 Pozdend IA	1431.00	
[م]	CC5965	378 #	Gel	113.40	
	CC LOCATE	27 #	BFlosent	54.00	
	CP8174	<u></u>	21/2" rubber pluss	45.00	
	CTOTTLE		and moderials	1643.40	
			- 39%	640,93	
1			subtotal		1002.47
					0- 7-
			87.	SALES TAX	80.20
1	Fatvin 3737			ESTIMATED	2509.31
	AUTHORIZTION_	Cher	TITLE		4113.62

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.