Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Confidentiality Requested:

Yes No

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		
Address 2:	Feet from North / South Line of Section		
City:	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.xxxxxx)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
□ Oil □ WSW □ SWD □ SIOW	Producing Formation:		
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:		
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:		
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet		
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? ☐ Yes ☐ No		
If Workover/Re-entry: Old Well Info as follows:	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: Original Total Depth:			
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan		
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)		
Demois #	Chloride content: ppm Fluid volume: bbls		
Commingled Permit #:	Dewatering method used:		
SWD Permit #:	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	Quarter Sec TwpS. R		
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 III Approved by: Date:				



1315692 CORRECTION #1

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R [East West	County:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to	g and shut-in pressur	es, whether shut-in pre	essure reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Log, files must be submitted				ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes No			on (Top), Depth an		Sample
Samples Sent to Geological	gical Survey	☐ Yes ☐ No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		ion 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 / SQL	JEEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Plug Off Zone							
Did you perform a hydraulic Does the volume of the tota Was the hydraulic fracturing	al base fluid of the hydra	ulic fracturing treatment ex	_	Yes ? Yes Yes	No (If No, ski	p questions 2 ai p question 3) out Page Three	,
Shots Per Foot		NRECORD - Bridge Plug otage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed P	roduction, SWD or ENHI	Producing Meth	nod:	Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols. Gas	Mcf Wat	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole		Comp. Cor	mmingled mit ACO-4)		
(If vented, Subm	nit ACO-18.)	Other (Specify)					

Form	ACO1 - Well Completion
Operator	Encore Natural Resources, LLC
Well Name	Hatch I-2
Doc ID	1315692

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	11	8.625	26.5	40	Portland	14	50/50 POZ
Production	6.75	4.5	10.5	1594	Portland	213	50/50 POZ

Summary of Changes

Lease Name and Number: Hatch I-2 API/Permit #: 15-031-23893-00-00

Doc ID: 1315692

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	08/27/2014	08/30/2016
CasingPurposeOfString PDF_2	Completion	Production
CasingSettingDepthPD F_2	1605	1594
CasingSizeCasingSetP DF_1	7	8.625
CasingSizeCasingSetP DF_2	2.8750	4.5
CasingSizeHoleDrilledP DF_1	9	11
CasingSizeHoleDrilledP DF_2	5.6250	6.75
CasingWeightPDF_1	10	26.5
CasingWeightPDF_2	8	10.5

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value	
Date of First or Resumed Production or		06/27/2014	
SWD or Enhr Method Of Completion - Perf	No	Yes	
Producing Method Pumping	No	Yes	
Production - Barrels Oil		15	
Production - Barrels of Water		100	
Production - MCF Gas		0	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=13	
Tubing Set At	20030	15692 1584	
Tubing Size		2.375	
Well Type	EOR	OIL	