Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1315694

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:			
Address 2:	Feet from Dorth / 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 #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
	Elevation: Ground: Kelly Bushing:		
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:		
OG GSW Temp. Abd. 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)		
	Chloride content: ppm Fluid volume: bbls		
Commingled Permit #:	Dewatering method used:		
Dual Completion Permit #: SWD Permit #:			
	Location of fluid disposal if hauled offsite:		
ENHR Permit #: GSW Permit #:	Operator Name:		
GSW remit #	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West		
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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:

CORRECTION #1

1315694

Operator Nar	ne:			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. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taker (Attach Additional		Yes No	L	Log Formation (Top), Depth and Datum			Sample
Samples Sent to Geo	logical 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		on, 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 / SQU	JEEZE RECORD	·	· · · ·	
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydrau	ulic fracturing treatment of	on this well?		Yes	No (If No, skip	questions 2 and 3	3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000		ceed 350,000 gallons	? Yes	No (If No, skip	question 3)		
Was the hydraulic fractur	ing treatment information	n submitted to the chemical o	disclosure registry?	Yes	No (If No, fill o	out Page Three of t	the ACO-1)
Shots Per Foot		ON RECORD - Bridge Plugs Footage of Each Interval Perf		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			Depth
				1			

	Specify Footage of Each Interval Perforated				(Amount and Kind	i of Material Used)	Depth			
TUBING RECORD:	Si	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	٦.	Producing Method	:] Pumpi	ing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mc	f	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			1						Γ	
DISPOSITI	ON OF (GAS:		MET	HOD O	F COMPLE	TION:		PRODUCTION I	NTERVAL:
Vented Solo	d 🗌	Used on Lease		Open Hole 🗌 F	Perf.	Dually (Submit /	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Encore Natural Resources, LLC
Well Name	Hatch I-1
Doc ID	1315694

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	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	1583	Portland	237	50/50 POZ

Summary of Changes

Lease Name and Number: Hatch I-1 API/Permit #: 15-031-23892-00-00 Doc ID: 1315694

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	08/26/2014	08/30/2016
CasingPurposeOfString PDF_2	Completion	Production
CasingSettingDepthPD F_2	1605	1583
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 SWD or Enhr		6/25/2014
Method Of Completion - Perf	No	Yes
Producing Method Pumping	No	Yes
Production - Barrels Oil		12
Production - Barrels of Water		90
Production - MCF Gas		0
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	20028	15694 1576
Tubing Size		2.375
Well Type	EOR	OIL



N 1220028

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ENHR Permit #:				
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West			
Recompletion Date 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: