Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1237689

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 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.xxxx) (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 #:	Operator Name:
GSW Permit #:	License #:
	Quarter Sec TwpS. 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:								

	Page Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 Taken (Attach Additional Sheets)		Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	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	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

 No
 (If No, skip questions 2 and 3)

 No
 (If No, skip question 3)

No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Depth			
TUBING RECORD:	Size:		Set At:	Pac	ker At:	Liner R	un:	No	
Date of First, Resumed P	Production	, SWD or ENHR.		Producing Method:	Imping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	6.	Gas Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GA	S:		METHC	D OF COMPL	ETION:		PRODUCTION INTER	RVAL:
Vented Sold	Use	ed on Lease		Open Hole Perf.	Dually (Submit		Commingled (Submit ACO-4)		
(If vented, Subr	mit ACO-18	8.)		Other (Specify)	(,	,		



TICKET NUMBER	00			\bigcirc
UCKELDUMBER		1.1.1	,	

PIELD TICKET REF # _____

FOREMAN ____

AFE DILLOOS

SSI_____

API 15-137-2-7761-00-00

PostRock 211 W. 14th street, chanute, ks 66720 620-431-9500

	TREAT	MENT	REPORT
8.	FIELD	TICKE	F CEMENT

DATE		Well N	IAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
7/30/14	Grosdi	that Fr	mas C	14-10				
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCH HOUR		MPLOYEE GNATURE
		<u></u>						
				·····				
L Sha				<u>]</u>]	······		<u> </u>	<u> </u>
JOB TYPE LONG STR			-00	HOLE DEPTH		SING SIZE & W	EIGHT	78
SLURRY WEIGHT 3.	E	PIPE		TUBING				
5 6		Y VOL	a very #	WATER gal/sk	CEA	AENT LEFT IN C	ASING	
	01010	ACEMENT PSI	2-13	MIX PSI 25	RATI	E <u>UF.C)</u>		
REMARKS: CACL	Well Ar	and to g	Sinke	- pumper	2-00 4	GelSu	icero foi	buel
bya J-bb	Spice	<u>アー 5九</u>	stel Cer	ment and (hundred to	Suchere	-louth	The
plug and g	set bt	<u>850 psi</u>			1			,
<u> </u>		f						
<u> </u>								

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
KWS		Foreman Pickup	
KWS	}	Cement Pump Truck	
KWS	1	Bulk Truck	
	F==3	Transport Truck	
	<u>دي</u>	Transport Trailer	
KWS	<u>}</u> ∧	80 Vac	
	、	Casing Truck	
		Casing Trailer	
	606.5	Casing	
	5	Centralizers	
•		Float Shoe	
-	1	Wiper Plug	
		Frac Baffles	
	25 says	Portland Cement	
		CSA–122 Sodium Silicote	
	35 样	CGL-115 Cement Fluid Loss	
	2-00 PF	Premium Gel	<u> </u>
	1414	Cal Chloride	
		City Water	
	7井	Chemthix-P Thixotropic	<u>L</u>
	754 H	KOL Seal	
		Cotton Seed Hulls	

McPherso	n Drilling	LLC			Drillers L	og	·		McPhers	on Drilling	LLC
Rig Number:				s. /4	T. 2	ş	R. 206		Gas Tests:		· · · · · · · · · · · · · · · · · · ·
API No. 15-	133-2	27761		County:	0						
		Elev. 94	, ,	Location: 50	UNF	1 w	ISW				
Operator: Past	Dock	MidCor	tin	int Dord C	20			1		······································	
Address: 2//		Ave STE									
DHC	2. 0k	7.3/1)2		•				1	······		
Well No: 14-	10	/ = / 4	Lease	e Name: <i>Gro</i>	aditi-	er					
Footage Locatio		21	55	ft. from the		9)	Line	1			
	· · · · · · · · · · · · · · · · · · ·	(A)	130	ft. from the		D)	Line				
Drilling Contracto	or:	McPhers	on Dri	lling LLC		,		1			
Spud date: 7/2				Geologist:						·	
Date Completed		114	*	Total Depth:	610						
		1 · · ·			41 						
Casing Record				Rig Time:							
	Surface	Productio	n ·	I.hr.	rim	si	0e				
Size Hole:	97/8	51/8									
Size Casing:	1711	27/5									
Weight:	20#										
Setting Depth:	201	601		<u>-</u>							
Type Cement:	Port	<u> </u>		·					· · · · · · · · · · · · · · · · · · ·		
Sacks:	<u> </u>	1 ·						J			
	-	•••		2 2	Well	Loo					
Formation	Тор	Btm.		Formation	То		Btm.	·	Formation	Тор	Btm.
501	D	1									

Formation	Тор	Btm.		Formation	Тор	Btm.	·	Formation	Тор	Btm.
501	D	1								
lim	1	2				· ·				
Clari	2	6								
Shall	6	19		·						
Sime	19	21								
shale	24	79								
lime	79	104								
shele	104	172]			
lime	172	212		·]			
shali	212	263]				1			
lime	263	284						· .		
shale		293								
lime	293	298								
5 hale/sand	298	472								
oilsand	472	481		· · · · · · · · · · · · · · · · · · ·		· · ·				-
sendy shall	481	410	\mathbb{P}	· · ·			1		· .	
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