

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1101437

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 ☐ 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?
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)
Commingled Paymit #:	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 Approved by: Date:

Page Two



Operator Name: Lease Name: _ Well #: _ 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** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: **DISPOSITION OF GAS:** PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

COMPAN	ir Ha	ss" D	otroleon	FARM No COY	<u> </u>	· · · · ·		WELL NO	- 1	$\rho_{\mathbb{R}}$
SEC.	TWP.		LOC	COUNTY MICH	VI		ATE /S		Insch	bon
	CTOR 5		delling	SIZE HOLE	5 1/8	<u> </u>	ILL PIPE	21/5		
REMARI		/ /	υ	SIZE PUMP	LINERS		LENGTH	STROKÉ		
		j	^	-						
		setsu	rferex.		. *					
ATE /		<u>하[]</u>			TIME	*				
DEPTH	O'CLOCK	MIN.	REMARKS	DEPTH	O'CLOCK	MIN.		REMARKS		
			_							
SOIL	0	3.5		Jing &	615	617				
livac	5_	9.		Shale	617	1005				
Shal	9	11		- Vinne	62H	(25)		<u> </u>		
IIN.	11	18		Shale	630	733		<u> </u>		
shal	118 -	35	<u></u>	1/1/15	(2/	640	<u> </u>	·	-	
11111	125	31		In Me.	640	64/				İ
Shale	31	58		Shale	1	654				
Slal	157	33		TOPO	F 1 =	19 3/ ()	-667			i
	155 150	17.7		sil s	600	67-	668	St.		
1 inc	1961	127		Shal	668	508				
livi	T / CC/	190	. 1	Lime		709	<u> </u>	<u> </u>		
Shale		156		5hab	709	45	<u> </u>			
Com	196	269		<u> </u>	# dry	10	730=11)	· · · ·	
Stale	209	275	<u> </u>	-	 	5) 0, 1	n 70	, 11		
fins	225	238			yn C	3 Serv	to The	7 - [7		
Shale	<u> 258</u>	286	<u> </u>			,				
1414		281			1	+				ļ. •
Shore	100 100	ZA	· · · · · · · · · · · · · · · · · · ·		 	 				
Shale	7 379	13/3	,, , , ,,,,, , , ,,, , ,,,, ,,,,, ,,,,,						- 20	100
1 10 C	9,3	527								
Shak	389	344				,		· · · ·		
lion	346	/355					· · · · · ·		140	'
5/10/	355	364				***	<u> </u>			1
Line.	3(4	369				-	-		 	}
hale	369	371	1		- 		-	-	<u> </u>	1
KING.	<u> 137 /</u>	377			+ -	 	 	<u></u>		1
Bhak	317	559					 	·		
V///1 Q	547	539			- 		1			1
Shap.	5-19	585			1	\top]
3/14	c 585	575				_]
1,120	595		· · · · · · · · · · · · · · · · · · ·							
Skol	596	505				,			<u></u>]
Linna	600	607				,]	<u> </u>			4
12-7	11722	سرر سر 🏗	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	()	1	i	Ī		2 77 2	Lo

TICKET NUMBER	<u> 39548</u>
LOCATION OFTEN	escap KS
FOREMAN TIME	incen!

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

FIELD TICKET & TREATMENT REPORT CEMENT

	CUSTOMER#	VVEL	L NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
14-02-12	3451	N. Cone	e #I-51	412	se 11	16	2/	MIT
SUSTOMER /	to 20 1	26-6-1-1	.		TOLIO!	1		
AILING ADDRE		etroleu.	<u> </u>		TRUCK#	DRIVER	TRUCK#	DRIVER
/	1551 A	-1	See 205	•	669	Tim one	<u></u>	
ITY /		STATE	ZIP CODE		568	AM Mal		
1		125	66211		369	Der Mus		<u> </u>
Lews		•			558	Bre Mon		<u> </u>
		HOLE SIZE	•	HOLE DEPTH	736	CASING SIZE & V	WEIGHT	· · · · · ·
ASING DEPTH		DRILL PIPE		TUBING		·	OTHER	<u> </u>
URRY WEIGH	·	SLURRY VOL_			k	CEMENT LEFT in	CASING	<u> </u>
SPLACEMENT	7 , 1	DISPLACEMEN		MIX PSI		RATE		
MARKS:	ell cre	9 / 1 /			Sh Cina	ulation	Mix o	ind Ru
100 # 6	2 13		6/e ///	ik a	2 Dun	0 11754	5971	82 Mi
ement	e with -	27860	L. Circ		ceme	1- TO-	Surfic	er Flu
pump (clear of	Come	ente Pl	e prop	2 / "rub	ben plue	707	ntal.
defth	of care	ing, pr	essure	up to	800 K	SI Wel	1 held a	2001
	First for	on a 3	o msh	MIZ				
		·			· · · · · · · · · · · · · · · · · · ·			
	<u> </u>					2 11		
	30 mi	nMI	at	800	PSI /	lm hre		
ACCOUNT	QUANITY o	or UNITS	DES	CRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL.
CODE			•				******	IOIAL
	,		DUMP OUR DOE	,		2/0		11/2
			PUMP CHARGE			368		103000
5406	25		MILEAGE			368		1000
5406 5402	742	2 -	MILEAGE Casin	g frostag	g C	368		100 th
5406 5402 5407	742 m,r	<u>, </u>	MILEAGE Casin	g far to	g C	368		100 m NC 350 D
5406 5402	742	<u>, </u>	MILEAGE Casin	g frostag	t e	368		100 th
5406 5402 5407	742 m,r	<u>, </u>	MILEAGE Casin	g frostag	g e	368		100 m NC 350 D
5406 5402 5407 4502 C	742 m,r	<u>, </u>	MILEAGE Casin Ton Di Ut-c	g from lay vlag en				100 m NC 350 D
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton M UH 5950 Y	g from they when come to the	Cement			100 m NC 350 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton M UH 5950 Y	g from they when come to the	Cement			100 m NC 350 m 180 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			180°
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton M UH 5950 Y	g from lag com	Cement			100 m NC 350 D 180 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 m 180 m
5406 5402 5407 4502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 m 180 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 D 180 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement		- (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	100 m NC 350 m 180 m 1281, 15 63.37 28 m
5406 5402 5407 4502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 m 180 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 m 180 m 1281, 15 63.37 28 m
5406 5402 5407 3502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement			100 m NC 350 m 180 m 1281, 15 63.37 28 m
5406 5402 5407 5502C	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement		0.000	100 m NC 350 m 180 m 1281, 15 63.37 28 m
5406 5402 5407 5502C 1124 11188 1402	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement		SALES TAX	100 m NC 350 m 180 m 1281, 15 63.37 28 m
1124	742 mir 21	r r rr	MILEAGE Casin Ton Di Utc 5950 Y Premiu	g from lag com	Cement		SALES TAX ESTIMATED	100 m NC 350 m 180 m 1281, 15 63 37 28 m
5406 5402 5407 5502C 1124 1118B 1402	742 mir 21	r r rr	MILEAGE Casin Ton M Uti STST Y Premiu 2'3" Ru	g from lag com	Cement	\$ 1	SALES TAX	100 m NC 350 m 180 m 1281, 15 62 37 28 m

254369

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

November 16, 2012

Mark Haas Haas Petroleum, LLC 11551 ASH ST., STE 205 LEAWOOD, KS 66211

Re: ACO1 API 15-121-29104-00-00 N Cone I-5HP SE/4 Sec.11-16S-21E Miami County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Mark Haas