

## Kansas Corporation Commission Oil & Gas Conservation Division

1267563

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:			East West
Address 2:		Feet from North / South I	ine of Section
City: State: 2	Zip:+	Feet from	ine 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.g.	-xxx.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		Producing Formation:	
Gas DH EOR		Elevation: Ground: Kelly Bushing:	
		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	EOR Conv. to SWD	Drilling Fluid Management Plan	
Plug Back Liner Conv. to	GSW Conv. to Producer	(Data must be collected from the Reserve Pit)	
Dameit #		Chloride content:ppm Fluid volume:	bbls
_		Dewatering method used:	
		Location of fluid disposal if hauled offsite:	
		·	
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



Operator Name: _				Lease Name:			Well #:	
Sec Twp	oS. R.	Eas	t West	County:				
	flowing and shu	t-in pressures, wh	ether shut-in pre	ssure reached sta	itic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subr						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests To			Yes No		0	on (Top), Depth ar		Sample
Samples Sent to	Geological Surv	ey	Yes No	Na	ne		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs Ru	_		Yes □ No Yes □ No Yes □ No					
List All L. Logs III	un.							
		Rep		RECORD [ ] I	New Used	on, etc.		
Purpose of Stri			ize Casing	Weight	Setting	Type of	# Sacks	Type and Percent
	O Dri	lled S	et (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		l l	ADDITIONAL	. CEMENTING / SC	LIFEZE BECORD	l		
Purpose:		epth Typ	e of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate		Bottom				71		
Protect Cas	гD							
Plug Off Zo	ne							
2. Does the volume	of the total base fl	ng treatment on this uid of the hydraulic f ent information subm	racturing treatment	_		No (If No, sk	ip questions 2 an ip question 3) out Page Three c	
Date of first Produc	tion/Injection or Re	esumed Production/	Producing Meth	nod:				
Injection:			Flowing	Pumping	Gas Lift C	Other (Explain)		
Estimated Product Per 24 Hours	ion	Oil Bbls.	Gas	Mcf W	ater B	bls. (	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL								
	Sold Used	on Lease	Open Hole			nmingled mit ACO-4)	Тор	Bottom
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer		Record
	100		.,,,,,			(,		
TUBING RECORD	: Size:	Set At	:	Packer At:				

Form	ACO1 - Well Completion
Operator	Haas Petroleum, LLC
Well Name	Sturm 15-HP
Doc ID	1267563

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7.000	17.0	20	Cement	5	N/A
Production	5.625	2.875	6.5	740	IA Cement	125	Poz Blend

B H Drilling, L.L.C. 11551 Ash Street, Suite # 205 Leawood, Kansas 66211 Office (913) 499-8373 Fax (913) 766-1310

October 14, 2015

Company: Haas Petroleum, LLC

11551 Ash Street, # 205 Leawood, Kansas 66211

Lease:

Sturm - Well # 15 HP

County:

Franklin

Spot:

NE SE SW NW of Sec 3, Twp 16, R 21 E

API:

15-059-27079-00-00

Spud:

October 1, 2015

TD:

748'

10/1/15:

Set 20' of 7" - Cemented with 5 sacks

10/6/15:

Drilled from 20' to 748' TD. Ran 740' of 2 7/8 casing

10/6/15:

Cemented with 125 sacks.



PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

DATE OUSTOMER WILL NAME & NUMBER SECTION TOWNSHIP RAME COUNTY (OF 1/15) 3451 Juny of 15-HP SU 3 16 SI FR  THOUGH DINNER THOUGH D	020-401-9210	OL 900-401-9919	1		CEMEN	ŧ		1101-0	
OBSTORIES  THE TOTAL  COUNTY	DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
COUNT QUANTY OF UNITS  ACCOUNT QUANTY OF UNITS	10/5/15	3451	Sturm :	# 15-1	IP .	SW 3	16	21	FR
MALLING ADDRESS  SURF DOS 1/55/ ASh of  GRUND A  KS WARP STATE  COLOR SURFACEMENT SI  MIX PSI  MIX	CUSTOMER		10	·	1				opatra a salata
Sufe 205 1/557 ASh St	Hass	totaleum			4	TRUCK#	DRIVER	TRUCK#	
CONTROL OF THE STATE OF THE STA						739	(as Ken	W. Safely	Moeting
CONTROL OF THE STATE OF THE STA	Juite.	205 1/55	1 Ash St	·		4107	Kei Cac	سسا	
ACCOUNT QUANITY OF UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE QUANITY OF UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE COOL OF SUMMER SOLD OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE CODE CODE OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE CODE CODE CODE CODE CODE CODE CODE	CITY		STATE			804	ArlHOD	سساء	
CASING DEPTH 410 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY YOL WATER Gallock CEMENT LEFT IN CASING DISPLACEMENT 4.26 bold DISPLACEMENT PSI MIX PSI RATE / bound REMARKS. held Solita uncolling I Statistical circulation mixed t Dumper 200 #  Remarks. held Solita uncolling I Statistical uncolling in the colling of the colling of the colling in the colling of the colling in the co	Coawood		KS			675	Kei Dot	سسا	
CASING DEPTH 740 DRILL PIPE TUBING SOLURY WEIGHT SHURY VOL WATER GAILBY CEMENT LEFT IN CASING DISPLACEMENT 4, 28 bbt SINFLACEMENT PSI MIX PSI RATE 4 beth REMARKS: held Jajoh westing Stabilished circulation mixed to pumped 2000 the REMARKS: held Jajoh westing Stabilished circulation mixed to pumped 25 Stabilished pressure should be shown to pumped 25 Stabilished pressure, should be said a single stabilished pressure should be said a single should be said as should be said a single should be said as sho	JOB TYPE/	mastroing.	HOLE SIZE	57/8"	HOLE DEPTH	748'	CASING SIZE & V	VEIGHT 27/	EVE
DISPLACEMENT 4, 28 bbs DISPLACEMENT PSI MIXPSI RATE 4 by MARCH REMARKS held Solds upsting a Statistical circulation naived to purped 200 # Call fallenged by 5 bbs tresh upster, naixed to surped 1/2 to 55 \$ Perbland 14 to 20 cell put gal per 1/2 central to surface this held pumped 200 # 1/2 " rubber glip to rasing. ID w/ 4.28 bbs tresh water, cressured to 800 DSI, released pressure, shut in casing.  Account odd pumpity of units description of services of product unit price total foods of the surface of the surfa			DRILL PIPE	<u>.</u>	_TUBING			OTHER	
REMARKS: hold sality used in a sold littled circulation, nixed to pulped 300 the cold followed by 5 blots well under nixed to pulped 12 5 sts.  Perceloud 14 by 5 blots well under nixed to pulped 12 5 sts.  Perceloud 14 by 2% celebrat gal per 12 celebrat for the cold to	SLURRY WEIGH	ŧT	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT In	CASING	
REMARKS: held Solot useding established circulation rules of toward of the stable of the solot stable stabl	DISPLACEMEN	14.28 bbls	DISPLACEMENT	PS1	MIX PSI		RATE 460W	1	
act fallowed by Ships yesh water, mixed to awaped 12 to State Provided IA w/ 22 cells with gal per Dk, cells it to Surface flusted pump Claim, pumped 2's "subject glup to coping ID w/ 4.28 this tresh water, pressured to 800 DSI, released pressure, shut in casing.  Account code quantity or units description of services or product unit price total.  ECHTO 1 PUMP CHARGE 1500.00  CETTO 2 20 mi mileage 143.00  CETTO 3 20 mi mileage 1600.00  WEOSS 2 hirs SO Lac trucks 250.00  CCS840 125 Sts Perhand TA 1687.50  CCS840 125 Sts Perhand TA 1687.50  CCS840 10 th Gel 123.00  CS965 410 th Gel 123.00  CS965 410 th Gel 123.00  CS965 410 th Gel 123.00  CS965 50 Testinated The Subject of Testinated 1131.85  Subject 1 131.85	3		4	• •	· • —	white a	wind +	July part	000#
Parabolish TA a 220 convent gal per 1x conjust to surface flusted out of common pumped 21s " rubber gliss to more to us 428 holes from hoter pressured to 800 DSI, related pressure, shut in casing.  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL TODE (CODE) 20 mi MILEAGE 143.00 (SECOLO) 20 mi MILEAGE 150.83 (SECOLO) 20 mi MILEAGE 20 mi	A // A	arrived by		7)	. //				
ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CECYTO I PUMP CHARGE 1500.00  CECTOD I DUMP CHARGE 143.00  CECTOD I DUMP CHARGE 143.00  CECTOD I DUMP CHARGE 1500.00  CECTO	Darl la	74	F 200			-1 1		^	Llockad
Account Code Quantity or Units Description of Services or Product Unit price Total Code Quantity or Units Description of Services or Product Unit price Total Code (1500.00)  CECODO DO MI MILEAGE (1500.00)  CECODO DO MI MILEAGE (143.00)  CECODO DO MI MILEAGE (160.00)  CECODO DO MI MILEAGE (160.00)  CECODO DO MI MILEAGE (160.00)  CECODO DO MI MILEAGE (160.00)  CECODO DO MILEAGE (160.00)  CECOD	FORENELL	A LA KOY	4 4	()	0 1 1 .	1	7/	428 111	Joseph
ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE  CODE  CODE  CODE  PUMP CHARGE  (500,000  (500,000)  MILEAGE  (400,000)  WEORS 3 2 hrs 80 1/1/1/2 2 (600,000)  WEORS 3 2 hrs 80 1/1/2 2 (600,000)  - 3972 9746,17  SUBJECT  CC5840/ (25 8ks Perhiand TA (687,500)  CC5945/ 4/10 ## Gel  123,000  P8176// 1 21/2 1 rubber diag (855,50)  - 3976 723,65  SUBJECT  TOTAL  T	<b>y</b>		7 7		7/2		0/. 1	7.00 (SD)	F1 COV
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²	waxer, c	162) OLGOC	YA OUU	por,	exeaser.	PLESTON 6	1 SWOT IN	CASING.	
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²								<u> </u>	
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²		<del> </del>					<del>/-</del>	<del>- , ( / -</del>	
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²			<del>1.</del> t.			-		- <del>1</del>	
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²	<u> </u>	· · · · · · · · · · · · · · · · · · ·					1/	/7	
CODE CUANTITO UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ONLY FOR MILEAGE  (FOR 2) 20 m² M² MILEAGE  (FOR 2) 20 m²		<del></del>						<u></u>	
PUMP CHARGE   1500.00		QUANITY	or UNITS	Di	ESCRIPTION o	f SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
(60711 mtn fon mileage 660.00 mesoss 3 2 m. 00 mileage 660.00 mesoss 3 2 m. 00 mileage 700.00 mesoss 3 2 m. 00 mileage 700.00 mesoss 3 mileage 700.00				PLIMP CHAR			<del> </del>	150000	
(60711 min for mileage 660.00  WEOSS3 D hrs 80 1/a 200.00  Trucks 2503.00  -3976 976.17  Sublotal 1087.50  (C5840/ 125 sks Perhand TA 1687.50  (C5965 410 # Gel 123.00  (P81760 1 D'/2" rubber plug 45.00  -3976 723.65  Sublotal 1131.85	•	20.4	^		<u></u>		· · · · · · · · · · · · · · · · · · ·		
WEOSTS 2 hrs 80 Var 200.00  Trucks 2803.00  -39% 976.17  Subload 1687.50  CC5840/ 125 sks Pethend IA 1687.50  CC5965/ 410 # Gel 123.00  CP8176/ 1 D'2" rubbar dug 45.00  -39% 723.65  Sublotal 1131.85		<i>_</i>	<u> </u>	,	· / Yaaaa			4.7	
# # # # # # # # # # # # # # # # # # #	C+0 4-1				0				
CC5840/ 125 sks Porphend TA  CC5840/ 125 sks Porphend TA  CC5965/ 410 # Gel  D'/2" rubber dug  materials (855.50  -3970 723.65  Subjetal  1131.85	WEOUS 3	- Ju	<u>-5</u>	001	<u> </u>		A		
SUBJOR 125 SKS Perhand TA 1687,50, 63  CC5965, 410 # Gel 123.00  CP8176, 1 D'a" rubber deg 45.00  - 3970 723.65  SubJotal 1131.85						7000	cs	14402	
CC5840/ 125 sks Potherd IA 1687.50  CC5965/ 410 # Gel 123.00  CP8176/ 1 D'2" rubbar dug 45.00  - 39 6 723.65  Substal 1131.85							59%	976.14	1 03
(C5965) 410 # Gel 123.00 45.00  (P8176) 1 D'/2" rubber dug 45.00  -3976 723.65  Subtotal 1131.85							sustotal		
CC5965/ 410 # Gel 123.00.  CP8176/ 1 21/2" rubber dieg 45.00  Materials (855.50  -3976 723.65  Subtotal 1131.85  1131.85			8 kgs	787ho	nd LA			1687,50	
1 2 rubber dug 45.00  materials (855.50  -3970 723.65  Subdetal 1131.85  Ravin 3737  ESTIMATED 2749 28			#-	1300	·			123.00	<u> </u>
- 39 % 723.65 Subtal 1131.85  Subtal 27 SALES TAX 96.53  Bavin 3737				5%"	معمامات	4		45.00	
39% 723.65 Subdtal 1131.85  8% SALES TAX 90.53  ESTIMATED 2749 28	~ O 1 7 W	<del>                                     </del>		~ 'AC	COPAT	7	20,10		,
Subject al   1131. &S		<del>                                     </del>					70 %	<del></del>	· · · · · · · · · · · · · · · · · · ·
375 SALES TAX 90.53  ESTIMATED 2749 2		<del> </del>	***				576	703.00	1121 85
ESTIMATED 2749 2						, , , ,	Suptotal		1121.00
ESTIMATED 2749 2		<u> </u>							<u> </u>
ESTIMATED 2749 2									
ESTIMATED 2749 2									
ESTIMATED 2749 2									<u> </u>
ESTIMATED 2749 2							R AA	<u> </u>	0.
TOTAL 12749 2					<u></u>		870		40.55
AUTHORISTICAL DE CO POR DIO DOCTOR TITLE	Ravin 3737	•		•					2749 2
	************	13-6	Pan out	and.	TITLE				4504.00

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.