

Kansas Corporation Commission Oil & Gas Conservation Division

1067035

Form ACO-1

June 2009

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 #	County:				
Name:	Lease Name: Well #:				
Wellsite Geologist:	Field Name:				
Purchaser:	Producing Formation:				
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:				
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:				
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?				
Operator:					
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:				
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	Quarter Sec Twp S. R				
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date					

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						
Letter of Confidentiality Received						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II Approved by: Date:						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone		Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	pot PERFORATION RECORD - Bridge Plugs Specify Footage of Each Interval Perfor			s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ((Submit AC		nmingled mit ACO-4)			

CONSOLIDATED

TICKET NUMBER 33004

LOCATION O > Janua KS

FOREMAN Frod Maden

FIFI D TICKET & TREATMENT REPORT

431-9210	hanute, KS 6672 or 800-467-8676	i		SECTION	TOWNSHIP	RANGE	COUNTY
DATE	CUSTOMER#	WELLN	AME & NUMBER		14	22	Jo
121/11	7532	Thoma	S 7-19	NE 29	1 /7)	- 2	
STOMER				TRUCK#	DRIVER	TRUCK#	DRIVER
ST		FVM		506	FREMAD	Safety	Mxy
ILING ADDR	FSS	Λı ×	1	495	HARBEC	#B	.0
188	00 Suns	flower R	IP CODE		CASKEN	116	
Y .		STATE	IF GODE	505/T106	VEINET	KD	
Edgar	-ton	KS	66021	548 DEPTH 928	CASING SIZE & WE	IGHT 276"	TVF
B TYPE L	onastring	HOLE SIZE				TUED	
	H 920	DRILL PIPE	offle. @BBH		CEMENT LEFT In C	ASING 22 P	145 + 10'
URRY WEIG		SLURRY VOL	WATE	R gal/sk	CEMENT LET INC	,AO.110	-
	00	L DISPLACEMENT	PSI MIX P	SI	RATE 58PM	<u></u>	
-NABKE T	- Liblich	-111 - 1 (AX)	Mix + E	10 mp 100 # PI	encira Gal	# = 5	0
		130 545	50/50 Por	Mix Cemen	+ 27 Cal 1/2	-	
1 1 40	x Pump	Cennent Y	o Surface		ma & lines	clean.	
	2 2 10	" Pubber	aluc to cas	sine Baffle	W/ 5.29 BB		
	place de		Das DCI	W. Id Yves	sure for 3	Omm /	M11.
<u> Va</u>		,	0 (0 × f(od Velue.	Shot in. Co	sky	
Re	lease pr	essure to	2 5.24			0	
VALUE OF STATE	5				1		
. Park II					-ten	Malie	· ·
	lat Drill	· M					
11 2 1 1 1			75000	PTION of SERVICES or	PRODUCT	UNIT PRICE	TOTAL
CODE	QUANI	TY or UNITS	DESCRI	TION BI SERVICES OF			975
5401	1	597 × 1	PUMP CHARGE		995		120
		30 mi	MILEAGE		49.5		
5406		920	Casive +	too toge			NIC
540 à			Ton W	1:105	548		330
5407	Mi	rmin	Transp	×	505/7106		165
S501C		13 hrs	ivansp				
							135
			//	1115 / 2			1
1/24		130 SKS	50/50 Por	Mix Cement			10
1/24		319#	Premium	Mix Center			33
11184		319#	Flo-Se	a Cod			73
1107	3	130 SKS 319#	Flo-Se	a Cod			73
11184	3	319#	Flo-Se	e Cod	era de la companya de		73
1107	3	319#	Flo-Se	e Cod			73
1107	3	319#	Flo-Se	e Cod			73
1107	3	319#	Flo-Se	e Cod	Cora de la		73
1107	3	319#	Flo-Se	e Cod			73
1107	3	319#	Flo-Se	e Cod			73
1107	3	319#	Flo-Se	e Cod	Ne		73
1107	3	319#	Flo-Se	e Cod	7,520		28
1107	3	319#	Flo-Se	e Cod	Ne	SALES TAXESTIMATE	n
1107	3	319#	Flo-Se	e Cod	Ne	SALES TAX	73 28 X 114

HAT DRILLING 12371 KS HWY 7 MOUND CITY, KS 66056 LICENSE # 33734

Thomas A #I-19 API # 15-091-23609-00-00 SPUD DATE 10-19-11

Footage	Formation	Thickness	Set 20' of 7"
2	Topsoil	2	TD 928'
14	clay	12	Ran 920' of 2 7/8
57	shale	43	
80	lime	23	
90	shale	10	
98	lime	8	
100	shale	2	
123	lime	23	
138	shale	15	
160	lime	22	
165	shale	5	
223	lime	58	
240	shale	17	
249	lime	9	
266	shale	17	
272	lime	6	
278	shale	6	
286	lime	8	
318	shale	32	
322	lime	4	
328	shale	6	
358	lime	30	
366	shale	8	
396	lime	30	
400	shale	4	
406	lime	6	
577	shale	171	
580	lime	3	
583	shale	3	
587	lime	4	
594	shale	7	
602	lime	8	
615	shale	13	
619	lime	4	
624	shale	5	
636	lime	12	
735	shale	99	
746	sand	11	little odor, little bleed
855	shale	109	
872	sand	17	good bleed, good odor
928	shale	56	