

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1062193

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 #,	33905		API No. 15
Name: Royal Drillir			Spot Description:
Address 1: 719 WITT A	VE		SW_NW_NE_NE_Sec. 31 Twp. 14 S. R. 12 ☐ East West
Address 2: PO BOX 34	2		460 Feet from ☑ North / ☐ South Line of Section
City: RUSSELL	State: KS Zip	: 67665 +	1260 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: John (Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>785</u>) 483	3-6446		☑ NE □NW □SE □SW
CONTRACTOR: License	#_33905		County: Russell
Name: Royal Drilling			Lease Name: Smoky Hill Unit Well #: 37
Wellsite Geologist: Franc	cis C. Whisler		Field Name: Trapp
Purchaser:			Producing Formation: Lansing-Kansas City
Designate Type of Compl	etion:		Elevation: Ground: 1667 Kelly Bushing: 1670
New Well	Re-Entry	Workover	Total Depth: 3298 Plug Back Total Depth:
✓ Oil W		_ ☐ slow	Amount of Surface Pipe Set and Cemented at: 614 Feet
☐ Gas ☐ D8	BA ENHR	☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
☐ OG	☐ GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Meth	апе)		If Alternate II completion, cement circulated from:
Cathodic Ot	her (Core, Expl., etc.):		feet depth to: sx cmt
If Workover/Re-entry: Old	d Well Info as follows:		
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original To	tal Depth:	
		ENHR Conv. to SWD	Chloride content: 4000 ppm Fluid volume: 400 bbls
	☐ Conv. to	_	Dewatering method used: Evaporated
Plug Back:	Plug	Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	· · · · · · · · · · · · · · · · · · ·	Operator Name:
Dual Completion	Permit #:		· · · · · · · · · · · · · · · · · · ·
☐ SWD	Permit #:		Lease Name: License #:
☐ ENHR	Permit #:		Quarter Sec. Twp. S. R. East West
☐ GSW	Permit #:		County: Permit #:
06/17/2010	06/22/2010	01/31/2011	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or 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 III Approved by: Dearning Garrison Date: 08/26/2011

Side Two



Operator Name: Ro	al Drilling Inc		Lease	Name: _	Smoky Hill Un	<u>it</u>	Well #:37		
Sec. 31 Twp. 14	s. R. <u>12</u>	☐ East	Count	_{y:} <u>Russ</u>	ell				
time tool open and clo	sed, flowing and shu es if gas to surface te	ed base of formations per it-in pressures, whether s est, along with final charte well site report.	shut-in pre:	ssure read	ched static level,	hydrostatic pressi	ires, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		☐ Yes ☑ No			-	n (Top), Depth and			Sample
Samples Sent to Geo	logical Survey	✓ Yes □ No		Nam Attach	_	,	Top Attached		Datum tached
Cores Taken Yes Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)									
List All E. Logs Run:									
RAG w/ caliper, Cor	mpensated Density	-Neutron & Dual Induct	ion						
		CASING	RECORD	.l	w Used				
	Size Hole	Report all strings set- Size Casing	7	surface, inte eight	ermediate, production	on, etc. Type of	# Sacks	Type	and Percent
Purpose of String	Drilled	Set (In O.D.)		. / Ft.	Depth	Cement	Used		dditives
Surface	12.250	8.6250	23		614	Common	350	3% CC	C, 2% Gel
Production	7.8750	5.50	17		3197	60/40, Commor	or 300 4% Gel, 10% Sali, 2%		10% Sall, 2% ge
								<u> </u>	-
		ADDITIONA	L CEMENT	ING / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Saci	# Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD	-								
Plug Off Zone	-								
Shots Per Foot		ION RECORD - Bridge Plu Footage of Each Interval Pe)		cture, Shot, Cement		rd	Depth
2					Acid 250 gal	15%			
2 2916-2920					Acid 250 gal 15%				
2 2902-2906					Acid 250 gal 15%				
								•	
TUBING RECORD:	Size: 2.50	Set At: 3020	Packer	At:	Liner Run:	Yes 📝 No			
Date of First, Resumed 02/15/2011	Production, SWD or EN	NHR. Producing Me	thod:	ing 📋	Gas Lift 🔲 O	ther (Explain)			
Estimated Production Per 24 Hours	0ii 10	Bbls. Gas	Mcf	Wat	er Bi 200	bls. C	as-Oil Ratio		Gravity
niepoeiti	ON OF GAS:		METHOD C	E COMPLI	ETION:		PRODUCTION	ON INTER	VΔ1 ·
Vented Sold	_	I 🗆	Perf.	Dually	Comp. Con	nmingled			
	bmit ACO-18.)	Other (Specify)		(Submit	ACO-5) (Subi	nit ACO-4)			

Form	ACO1 - Well Completion
Operator	Royal Drilling Inc
Well Name	Smoky Hill Unit 37
Doc ID	1062193

Tops

Anhydrite	614	+1056
Gand Haven	2158	-488
Topeka	2498	-828
Lansing-Kansas City	2813	-1143
Base Kansas City	3084	-1414
Gorham Sand	3103	-1433
Arbuckle	3134	-1464
Granite Wash	3258	-1588

ALLIED CEMENTING CO., LLC. 041373

SERVICE POINT:

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

						_Kussell	<u>ts./</u>
DATE 6-18-1	O SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
SMOKY HAT	WELL #	" ₂₇ "	R	11.11.0	- 1 4mil	CUUNTY	STATE
LEASE UNIT		<u> </u>	LOCATION DUN	er Hill Ks. S.	To KUR'	RUSSe!	Kansac
OLD OR OFWICE	Circle one)		IE "	2N 2W 18	I 170		
CONTRACTOR			, fig#2	OWNER			
TYPE OF JOB				_			
HOLE SIZE /2		T.D		CEMENT		10 0	
CASING SIZE			PTH 6/4'	AMOUNT OR	DERED _35	Q.S.C.	OMO L
TUBINO SIZE	23#	-	ETH	3.76	GOL		
DRILL PIPE			PTH	3%	cc		
TOOL			PTH	_			
PRES. MAX			NIMUM	_ COMMON		_@	
MEAS, LINE	131 CCC - E	Z T SHO	DE JOINT 49 '	POZMIX			
CEMENT LEFT	IN CSG. 7	d		GEL		@	
PERFS.	<u> </u>		V			@	
DISPLACEMEN	<u>!</u>		0 2 BBL	ASC			
	EQU	JIPMENT			•	@	
		_	SHENE		<u></u>	@	
PUMP TRUCK	CEMENT	er Gl-^	111		·	@	_
# 417	HELPER	Heath	1			@	
BULK TRUCK			· · · · · · · · · · · · · · · · · · ·			@	
<i># 481</i>	DRIVER	RON				@	
BULK TRUCK				<u> </u>		.@	
#	DRIVER					@	
				HANDLING_		@	
	=			MILEAGE			
REMARKS:						TOTAL	
RON - 19 J	New 2	3* 85%	Settle 614 0/10	LANDST,	SERVIC	: E	•
· · · · · · · · · · · · · · · · · · ·		-					
			7	_ DEPTH OF JOI			
(en	11017	00	IR CYLATE	- FUMP I RUCK	CHARGE	- <u>-</u>	
				- EATKA POUTA	\GE	@	
			THANKS	_ MILEAUE		@	
		··	THURS A	MANIPOLD		@	
						@	
MIA DOE TO - S	T ^ ^ ^	£ <	CHTOBOHV		1	@	
CHARGE TO:	TWKK	<u>/, c</u>	IC HTOBOHY	4			
STREET			·	•		TOTAL	
· · · · · · · · · · · · · · · · · · ·				-			
CITY	ST/	TE	ZJP				
				P	LUG & FLOAT		Γ
					(pivg		
				1-8595	L.D. KURKOR	<u> </u>	
• ,					•	ø	
To Allied Cemen	ting Co., L	LC.				<u> </u>	
You are hereby re	aucated to	rent cerv	enting equipment			<u> </u>	

ALLIED CEMENTING CO., LLC. 041633

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE 6-22-10	SEC.	TWP.	RANGE 12	CALLED OUT	ON LOCATION	6'30pm	JOB FINISH 7:15 pm			
moky H. II Un. F LEASE	WELL# 3	?7	LOCATION R	unkerHell Sou	the to come	COUNTY	STATE			
OLD OR NEW (Cir	rcle one)		180-+ V	North 1/2 West	South was	1.46.3.471	1 / 2			
COLETT A CENOP	D / D					J				
CONTRACTOR T	soual L	11 · g	Kig a Z	OWNER	······································	<u> </u>				
TYPE OF JOB 17- HOLE SIZE >3/4		10 - 10 m	3							
CASING SIZE 5	1/2 1	1.U	3702	CEMENT		Mer III	c 1			
TUBING SIZE	<u> </u>		PTH 3196.84	AMOUNT O	RDERED <u>150 (</u>	2140 47.	Cres			
DRILL PIPE			PTH PTH		150 c	om 10/5	alt di.G.			
DOOK INSECT			PTH 3186.0	9						
PRES. MAX			NIMUM							
MEAS. LINE	<u>.</u> .		DE JOINT 10.		<u></u>					
CEMENT LEFT IN	CSG.		5	<u>25 </u>						
PERPS.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	CHLORIDE		_@	-			
DISPLACEMENT		73.91 8	RI	ASC		_@	·			
-		LPMENT		ASC		-@	· ——			
	EQU	TLMIPM			•	_@	-			
Part III de la desarra de como de				 -	· · · · · · · · · · · · · · · · · · ·	_@				
			Poberte			_@	- 			
	HELPEK	Alun			 					
BULK TRUCK # .?72 I	NO ENTERN	h		· · · · · · · · · · · · · · · · · · ·		@				
BULK TRUCK	JKIVEK	Healh								
	DRIVER	٥.								
-110	MITTER	3/2n		HANDLING						
				MILEAGE _						
	REN	AARKS:				TOTAL	•			
Ra. 5 % 175	Casing	no hot	Ef Corplation		SERVI	CE				
enf To the line	<u>, , , , , , , , , , , , , , , , , , , </u>	· · · · · · ·	in well joined	DEPTH OF 10)B	· · · · · · · ·				
Court Mi		euma.	105 st 4/4	PUMP TRUC						
4: feel and +	<u> </u>	4/15	Com 1515	E∠±_ EXTRA FOOT	TAGE	@				
31. Red De	place 1	chie will	177.9184	ACC MILEAGE						
Land plug @	75/200									
		•	Thork You!							
						<u> </u>				
CHARGE TO:S	tor F	Schlol	chn							
STREET						TOTAL				
CITYSTATEZIP				5 EPLUG & FLOAT EQUIPMENT						
				Gude S	Guide Shee					
				3. Ce. +10	1.210	_@				
				- Cemen	t Baskels	. @				
To Allied Cementis	ng Co., L	LC.		AFU_I	sert		_			
You are hereby req			enting equipme	ent Rubbe-	Plug					