

### Kansas Corporation Commission Oil & Gas Conservation Division

### 1055575

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
Address 2:	Feet from North / South Line of Section
City:	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 III 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 rat line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	nole temp	erature, fluid	
Drill Stem Tests Taker (Attach Additional		Yes	☐ No		Log	g Formation	n (Top), Depth a	nd Datum		Sample	
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор		Datum	
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	d Electronically	☐ Yes ☐ Yes ☐ Yes	No No No								
List All E. Logs Run:											
		Report a		RECORD	New	Used	on, etc.				
Purpose of String	Size Hole Drilled	Size C Set (In	asing	Weig Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent additives	
		<u> </u> 	DDITIONAL	CEMENTIN	IG / SQUE	EZE RECORD					
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of 0	Cement	# Sacks	Used		Type and	Percent Additives			
Shots Per Foot	PERFORATI Specify	ON RECORD - Footage of Each	Bridge Plug n Interval Peri	s Set/Type forated			cture, Shot, Ceme mount and Kind of N	nt Squeeze Record Material Used)	d 	Depth	
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:					
							Yes N	0			
Date of First, Resumed	Production, SWD or EN	IHR. Pr	oducing Meth	nod:	g 🗌 G	as Lift C	Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	BI	ols.	Gas-Oil Ratio Gravity			
DISPOSITI	ON OF GAS:		N	METHOD OF	COMPLET	TION:		PRODUCTIO	ON INTER	VAL:	
Vented Solo	Used on Lease		n Hole	Perf.	Dually (		nmingled mit ACO-4)				
(11 verneu, 3u	10./	Othe	r (Specify)				I —				

## ALLIED CEMENTING CO., LLC. 040634 Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

<u>Medicheles</u>

	SEC.	TWP.	RANGE	CALLED	OUT	ON LOCATION	JOB START	JOB FINISH
date 1-7-//	SEC.	175	220				11:00 pm	12:0000
LEASE MIN		-#1044	LOCATION Baz	zmels, 4	wtoR3.	<u> </u>	COUNTY	K.S
OLD OR NEW (C	Circle one)			Einto				
CONTRACTOR	0 1/2 A	21/2.	O #5	OW	NED O	+ B OTL 0	11608	
TYPE OF JOB	PURE EIR	<u>=11105.1</u>	119-2	OW	NEK VI	I KO CIL G	na Cyr	
HOLE SIZE 7	1/8	T.D.	4535	CE	MENT			
CASING SIZE 4		DEF	TH 4520`	AM	OUNT OR	DERED 508	x 60:40:	4%661
TUBING SIZE		DEF			4,4% 5	MS		
DRILL PIPE		DEF	TH		150 s	Class# +10	3% salt +:	5# Ko  Seal
TOOL		DEF	TH	· .	_		<u>45</u>	112 50
PRES, MAX		MIN	IIMUM	CO	MMON_ <i>_F</i>	7 30 sx	@_ <u></u>	463
MEAS, LINE			DE JOINT		ZMIX	20 sx	@ 8° ==	160 00
CEMENT LEFT I	IN CSG. 4.	<u>2 '                                   </u>		GE!	L	2 3x	_@ <i>_2</i> O 聜	41
PERFS.				CH	LORIDE _		@	
DISPLACEMENT	172 12 B	15 282 H	CL	ASG	3		@	
		PMENT			MS	17#	@ 2 4 <u>5</u>	41 62 00
	EQUI	I 141135 4 T		H	150	54	@ 16 75	2512
			<del>/ _/                                  </del>		a1+	/5 ax	@ 12 20	180
PUMPTRUCK			thinesch		Seal	750=	@ . 89	667 2
# 414/302	HELPER A	on OW	leg		apro	8 Gals	@ 31. 25	250 =
BULK TRUCK			/		F2-2	500 Gals		€35 =
# 353/290	DRIVER 4	16210/	Hond			<u> </u>	@ <u>1.2.,</u> @	
BULK TRUCK			•				_ @	
#	DRIVER				NDLING_	233	@ 2 40	559 20
					LEAGE			1165 9
	DDL	LDEC		14141	JUAQU	<del>201/110/</del>		1100 9
		ARKS:			16 .	•	TOTAL	66/3
Brk ascal	ationwith	1819.1	Cump 20 bb/s	296WLL	H20			
pump 3 Hals	Fresh H2	O. Pun	0 500 gal AS	E		SERV	ICE	
PUMP 3hirls	Fresh H20	MIX	15 sx 60:40:	4				
to plug Rothe					PTH OF JO	B 2011	20	
MTX 255 604						CHARGE		
Class# +10%	50/4+5#	Vol Seal	Shetdown		TRA FOOT		@	
worsh pung + 1	mes. Orga	.72/26	bl; 2%011CL		LEAGE		_ <u>@ 7                                  </u>	₹50 €
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contractor. I hav								
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TICKET
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	ATE SIGNED	TART OF WORK OR DELIVERY OF	LIMITED WARRANTY provisions	he terms and condition: but are not limited to, P	_EGAL TERMS: Custo	<u> 5783</u>	581	The West in the Section 1	ſ	276	330		290	20PP	279	574.7	575	PRICE REFERENCE	REFERRAL LOCATION			Noss City 7	the sources	EDVIOE LOCATIONS
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	DKO P.A.			which include,	and agrees to	2	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			<u> </u>	2)				/	<i>\</i>		ACCOUNTING LOC ACCT		16	WELL	CONTRACTOR	<b>&gt;</b> [5	1000
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00 100 1000	785-798-2300	P.O. BOX 466 NESS CITY KS 67560	SWIFT SERVICES, INC.	ZEMI TATMENT TO:			6 Margo - Coment				Courset		(0)	10 Brook, Small	S.	Charge - cut Bit	1/3	DESCRIPTION	1 1	cowent Bot Bloc	JOB PURPOSE	RIG NAMENO.	COUNTRIPARISO	こうつこく しょうしょうしょう
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☐ CUSTOMER DID NOT WISH TO RESPOND	☐ YES	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	S? AS HOUT DELAY?	DOWN?	VEY AGREE	378 24 TM	342 55			15/16	1.80 865	_ '	5 000	1/5/5	16 8/5	102	So Ri	QTY.   UM			WELL PERMIT NO.	DELIVE	CIL	I OHO
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5614 00		336 59		5342 74		378 24	2500 CA			67 50	220000	- —	17500	ĺ	2520		2000	AMOUNT					C W Z II X	(MI)

SWIFT OPERATOR

CEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

APPROVAL

SWIFT Services, Inc. DATE 2/24-11 PAGE NO. **JOB LOG** TICKET NO. 19-14/1 MAM Partnership Cout Bit Collar CUSTOMER WELL NO. R&B DI1860 VOLUME (BBL) (GAL) PRESSURE (PSI) PUMPS CHART DESCRIPTION OF OPERATION AND MATERIALS DN Proceton set of Toks RBP @ 2020' Tog @ 2000 - Local Help 1045 TST P.C. closed - DE 32 Sport 15k sand on Plug The P.C. 1658' - Open F. 1315 thick to the - Start Hil @ 12 BBI - Hase circulation 12 500 Puno 25 BBI HO z Start 10 SKS Gel 400 Fin Gel - 5881 Hid Space 3 Start 3 Mes Coment ant cir ( 150 5ks - mer ent "gol 528 Br 30 5KS @ 13.5# = 10 BBS 400 Fin and - 180 SKS used 30011 Displ 6 BBHD Class PC & To Classel - OK 526 Res-out 2 flags clow 24, 20 Wash Swel OAF ABPWY telus 50 Job Complete 1415 Washup & Rackup 1500

# Timothy G. Pierce Petroleum Geologist

## GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

i 500	ELEVATIONS	KB 2333'		DF	<b>GL</b> 2325'	Measurements Are All	From Kelly Bushing		CASING	CONDUCTOR	SURFACE 8-3/8" at 316"	PRODUCTION4-1/2" at 4529	FI ECTRICAL	SURVEYS	None		
DIVIDENTAL MINIE MINIE PER COM	COMPANY R & B OII and Gas, Inc.	LEASE MNM Partnership 'A' #1 "OWWO"	FIELD Wildcat	LOCATION 520' FNL & 1160' FWL	SEC16TWSP17.SRGE22_W	COUNTY Ness STATE Kansas	CONTRACTOR Duke Drilling Co. Rig #2	SPUD 1-05-2011 COMP 1-07-2011	RTD 4535 LTD NA	MUD UP NA TYPE MUD Chemical		SAMPLES SAVED FROM 4422 TO RTD	DRILLING TIME KEPT FROM 4422 TO RTD	SAMPLES EXAMINED FROM 4422 TO RTD	GEOLOGICAL SUPERVISION FROM Surface to RTD	GEOLOGIST ON WELL Tim Pierce	FORMATION TOPS ELECTRIC LOG SAMPLE

API# 15-135-24,301-00-01

Electric log tops using old KB

0

3730 (-1400) 3772 (-1442) 4152 (-1822) 4263 (-1933) 4361 (-2031)

Cherokee Shale Mississippi

Heebner Shale Lansing Pawnee

REMARKS The old KB elevation was 2330', new KB elevation is 2333' therefore old TD using new KB should have been 4418'.  Production pipe was run to test the Cherokee for commercial production.  I MARA Y- LALL  Timothy & Pierce

Dolomite	REMARKS		1-05-11 - MIRT-RU 1-06-11 - 7:00 AM Drill rat and mouse hole - 9:30 AM start washing down old hole - reached old TD at 4:30 AM 1-7-11	1-07-11 - 7:00 AM drig new hole @ 4470' RTD 4535' @ 12 PM						
A A A A A A A A A A A A A A A A A A A	SCRIPTION				opaque to o sit weathered, no show	to slf granular,	dense	rosic to fn or, gd int xtln	rosic, gd vug	
	SAMPLE DESCRIPTION		Reached old TD at 4:30 AM 1-7-2011	<del></del>	Chert - wht-gr-tan, opaque to translucent, fresh to sit weathered, blocky to angular, no show	LS - tan-gr, fn xtln to sit granular, dense	LS - tan-gr, fn xtin, dense	Dolo - tan-lt gr, sucrosic to fn xtln, scat gd vug por, gd int xtln por	Dolo - It gr-tan, sucrosic, gd vug and int xtln por Sh - blk-gr	on - bik-gr
Cab sh	GAS SCALE	100 500								
L Company of the comp	GAS	10 50								
Limestone	LITHOLOG	iΥ		A A A A A A A A A A A A A A A A A A A						
2	DEPTH		4400			20	•	4500		
Sandstone	FIME IN PER FOOT on Decreases	10 15	With new KB of 2333' TD was reached at 4421'					- PU off bottom	<del>111111111</del>	7 4535" -
Anhydrite	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	-02	With new KB TD was reac					Losing fluid - PU		X X X X X X X X X X X X X X X X X X X