

### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1097758

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	Amount of Surface Pipe Set and Cemented at: Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Christ Management Dlan
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Dewatering method used:
Conv. to GSW	Dewatering metriod 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 #:	
☐ ENHR         Permit #:	Quarter Sec TwpS. R
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 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	Weight Lbs. / Ft.		Setting Depth	Setting Type of # Sacks		Type and Percent Additives	
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Type of Cement Top Bottom			# Sacks	Used	Type and Percent Additives				
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/ Specify Footage of Each Interval Perforated						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 (		nmingled mit ACO-4)			

# ALLIED CEMENTING CO., LLC. 038369 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31

SERVICE POINT:

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You are hereby requested to rent cementing equipment	MARKE HORAGO	11 FE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	@	LIGITATE STORY
and furnish cementer and helper(s) to assist owner or	I STEEL AND A	RESTAURTED IN	APPTI PER APPE	ATTYPING O
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or			TOTA	WITH ON BURNON

## ALLIED CEMENTING CO., LLC. 034442 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL KANSAS 67665

SERVICE POINT:

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DATE //-/2-//	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH			
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BULK TRUCK				or merchandise is c	bnedson lection	@ 77/1/1/1/	SAME WATER			
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FORMATION  FORMATION  Analydrite  Base Pahydrite  Tackin  Tack	APT 15-051-26219- COMPANY Tom's Cil  WELL Hen man # 1  FIELD Raynes food East LOCATION 330' FS1 & 2310 SEC. 17 TWP. 135 RG COUNTY Ellis  OPERATOR Shidd's Cil Food COMP: 2:45 COMTRACTOR Tom's Cil COMM: 6:15 on 11-11-11 COMP: 2:45 CASING RECORD SURF: 8 % 220' PROD: TOTAL DEPTH LOG 3913
N TOPS AND STRUCTURAL  SAMPLE ELECTRIC TOP  1541 (1670) 1597 1587 (1624) 1583 3050 (1839) 305 3224 (1013) 322 3466 (1835) 346 3567 (1946) 350 3748 (1637) 3788 3788 (1577) 379	PRODUCTEL PRODUCTION Mean Samples Save Drilling Mean Samples Examing Time Geological St. Wellsite Geology St. C.
POSITION  LOG SUB-SEA STRUCTURAL DATUM POSITION  3	REPORIT LOGIC REPORIT LOG
	II-12-11 Spudded 1  II-13-11 123'  II-18-11 3494'  II-18-11 3409  FORMITION INTERVAL
	12 1/4 Reed MT 224 778 3603 778 SECRIPTION OF SHOW
REMARKS AND RE	3379 5 % Mo. 3379 5 % Mo. 3378 S.W.
ETURAL PRESITION AND STATE TO LUCK	Interval IFP/Time ISIP/Time FSIP/  NO DS 7'S FFP/Time FSIP/  NO DS 7'S
exalustive sample she evaluation of the electric ed & aboundaned toght d. Miller	FSIP/Time IH+FHH RECOVE
	LEGEND.  Shale Carb sh Limestone Ool.Lime Chert Dolomite
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases  DEPTH 5" 10" 15" 20" 25"	H SAMPLE DESCRIPTIONS  REMARKS  REMARKS
80 30 30 30 30 30 30 30 30 30 3	1 1 LJ. Med xm, 12xme
60 70 00 c 90 2800	Sm gry med sh.  LS: tan-/+ gry F-med xIn. interxing No NS
10 20 30 40	LS: Saa  LS: tan-Itgry  Med XIn, int XIn O  NO NS FITT
c 50 60 70 c 80	SHigny, med, plty  LS: tan bron few ak  ary freed xin  index xin 0 no no  LS: Saq  LS: Saq
90 2900 c 10	SH: multiclad, med.  5H: multiclad, med.  L5: wht bron, sme mtad.  fined yla, intxlad  NO NS, Fewchin
c 40 50 60 c 70	SH: gney, med, plty  LS:  SH: gney, med  LS: gry, f-med xln, int xlnp  No, NS
90 C 3000	SH: gry, med, plry-blky.  WT 9.2
20 20 30 40 50	SHI gry, mod plty, Essle  SH: Sag.  LS: gry form. Formed x/n  NO NS  SH: Vonic Ird, med.  LS: gry, formed x/n  intx/n &  Few places Sndy LS  I tagry, v fg. mod sortd.  Lmc grn Shates Fett
70 80 90 3100	Los: ton. gry, f-med x/n  int x/n & NO NS
10 20 30 40	SH: gry - maroon, Med, plty  L5: ton, gry, f-med, int xln &  VIS 56  WT 9.1
70 82 6 90	5H: gry-yello stry,  5H: gry-yello stry,  LS: It blue - gry, few mtla  FxIn, INTXIND  NO.NS.
3200 10 10 10 10 10 10 10	LS' ary bon, f-med x/n int x/n Ø NONS.  SH. gry, med, ply  LS' wht tan, F x/n, dnse, int x/n Ø NONS.
C 50 60 70	LS: tan-gry, F-xIn int XIND NO NS.  WT 9.4  LS: tan-gry, FxIn. Pps Friable, FD VSSO
90 3300 C 10	LS: saq.  LS: tan-gry, f-med xIn  PPØ GO VSSO  LS: tan-gry, Fmed xIn  int x/n @ No NS Foss
30 King H.v. Shale 3334 30 40 50	SH: BIK, Carb  Sh: BIK, Carb  L5: wht-gry. Fxln,  No 105  VI 5 54  L5: ton-Like fen gollon.  Franciskin. intxln d  NO 1050
90 90 90 3397 (-1150) 10	WO NSO  1.15: Whitegry f-medx/n. Chiky, 5h SIty  5H: BIK, Carb.  101 LS: Wit-ton tew-gry f-medx/n. Foss No, NS
20 30 40 50	514: gry-few bro, med.  S: off-wht-14 gry, drs.  f-xln, Fe # four odor  VSSC
#ee h ner 3466 (100 %)  **Tonor to 3487 (100 %)  **Growto 3587 (100	SH: BIK Carb,  SH: BIK Carb,  WI 9.2  IS: Crm-tan, F-med x/n  15: SH: gry, med  SH: gry, med  PPB, Go, SI: SFO
10 20 20 30 46	LS: Whi Film, int x/n po For SI BFO  LS: Whi, film, int x/n. PPO It even stn For 1850  SH: gry, med, plty-blky.  VIS 50  WT all
50 60 70 80 90	SH: BIK, Carb.  LS: crm-buff, f-med x/n  NT q.1
3600 10 20	SH: Varified, med plty  Changed bit.  1.40 Long to Board  Dev Survey  LS: whterm, f-med xin.  SH: Bik, Carh  SH: Bik, Carh
40 50 60 70	SH: BIK, Cants  SH: Itgry - gry , med, plty.  LS: Wht - tan, s/P, f-med x/n int x/n - vug & v550 p. weak odor chity feet
c 80 90 3700 c io	SH: gry Tembers, med, plty.  The LS: ton Why Fxlm, intylind  Eliving of No NSO FOSS  LS: WH-Crm, Fxlm, ort x/n of  SH: varieled.
30 30 40 50 60	SH: BIK, Carb  L5: tan-wht, fxln, intxln& PP&, Fair Oder GSFO  IS: tan-wht, fxln, intxln& PP& wo, sfo, Asphaltine  SH: dK gry, med, blky.
70 80 Marmotor 3788 (1872) 90 3800	LS: tan-It brn, Fxln. No vaso  LS: tan-Wht. Fxln, dws  Fos No 'ng  LS: tan-wht, fxln, sm yugs, abund sharp multicled chut, sm scatt oil, It stain Fot odar, VBRD  VIS 48
10 30 30 40 50	LS: tan Jagged, Shrp orange to off whicht. Vry lite even oil Stain  LS: tan brn, scat short Chest.  SH: vari cird, med.
30 Arbur Kle 3867 (7657) C 70 80	A Variated sh w/abond energe  Dolo: wht, tan, fxln, sndy  Sucrosis w. Fair intxlad  Fair Odor, even Interstain  WI 9,4  Dolo: crm - It tan, f-medxln  Wilder intxlad  Wilder i
DRILLING TIME Minutes/Foot  CONTRACTOR Shields Oil Produced  LEASE Henman  IP Dr.  The state of Penetration Decreases	TILL Dala: A/A mostly barren P SAMPLE DESCRIPTIONS  SAMPLE DESCRIPTIONS  SEC 17 TWP 135 RNG 20 W
ELEVATION 2211 KB RTD 3909	COUNTY Ellis STATE Komsos