

Kansas Corporation Commission Oil & Gas Conservation Division

1137898

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:	Sec Twp S. 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 ☐ 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?						
If Workover/Re-entry: Old Well Info as follows:	·						
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)						
Original Comp. Date: Original Total Depth: Conv. to ENHR	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 TwpS. R						
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:						
Spud Date or Date Reached TD Completion Date or Recompletion Date 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	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	Depth Top Bottom Type of Cement			# Sacks	Used	Type and Percent Additives				
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	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)			



TICKET NUMBER 35228

LOCATION Ottawa

FOREMAN Dlan Made:

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELI	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-19-12	1318	Long t	29-14A	SW 29	21	24	LN
CUSTOMER	to E	, U		TRUCK			
MAILING ADDRE	SS LX	ploration	1 hh	TRUCK#	DRIVER	TRUCK#	DRIVER
7-	ひりな			5/6	17/aNlad	Suffer	Meet
CITY	- 1 -	STATE	ZIP CODE	1.75	Kar Det	117	
Denver	THE STATE	Co	80202	558	None M	BI	
JOB TYPE 10		HOLE SIZE	634 HOLE DEPT	H_ 525	CASING SIZE & W	EIGHT	75
CASING DEPTH_	523	DRILL PIPE	TUBING	11 13 11		OTHER_	
SLURRY WEIGH	T	SLURRY VOL_	WATER gal/s	sk	CEMENT LEFT In	CASING_ VC	2 5
DISPLACEMENT		DISPLACEMEN'		00	RATE 76	n	
REMARKS: He	1d neet	lug. Ec	stablished n	ate IVI	ixed d	Pumpe	d
WD# 0	sel toll	owed	6-1 1105K	5,0150 C	ement'	plas à	20/0:901
C, Y, CH	lated	cerner	17, Flushe	of fun	p. fun	ped	0/49
10, C	21.51 KS , 7	TD, W	ell held	800 PSJ	Set	float.	
1.2105€	of Color	21					
.// -	Place	D - 1/5					
TIDE	Ingroom	Drillin	\$				
100	1911-1	5 Mais	/-		. 1	11 M	1
					Alan	1100	
ACCOUNT	QUANITY	or UNITS	DESCRIPTION of	f SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
CODE						ONIT FRICE	
5401		0 0 0000	PUMP CHARGE	0 5 0	368		103000
5406	523			Sexand 4	vell 368		8.00
5W070		3.80	Casing top	rase	778		28+ 00
55 02C).00	Jon Miles		675		380.29
35 Val-	9		80 040		613		180.00
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11/83	285	#	sel :				1204,50 Ta 0=
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1102			and proj	•			2000
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		all of no					
avin 3737	h.1)	17 m			2	SALES TAX	81.41
u, 1, 0, 0, 1	Horles	-	d)	200	14738	ESTIMATED TOTAL	2972.05
AUTHORIZTION_	FIV		TITLE	00	<u> </u>	DATE	n
							(4)

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

			-
Rig Number: 2	S. 29 T. 21 R. 24E	Gas Tests:	
API No. 15-107-24646	County: Linn		7
Elev. 82/	Location: NWN/E SE SW		
Operator: Bays water Exploration	on + Franciscop, Le		
Address: 730 17th ST, STE 61	0		
Benver, Co. 80202	199		
Well No: 29-144 Lease	Name: Long		
	ft. from the (N) (S) Line		
3000			T
Drilling Contractor: McPherson Dri			
Spud date: (0/20/12	Geologist: Hay ley Gilbert + Carl	ay Wise	
Date Completed: /0/3//2	Total Depth: 528/		
Casing Record	Rig Time:		
Surface Production			
Size Hole: 47/8 4/4			
Size Casing: 7"			
Weight: 23#			
Setting Depth: 4/,5'			
Type Cement: Dort			
Sacks: 6			

Well Log										
Formation	Тор	Btm.	711-	Formation	Тор	Btm.		Formation	Тор	Btm.
Soilday	0	33		redshale	278	285				
lime	33	48		Shale.	285	325				
shale	48	56		oilsand	325	334				
lime	56	66		5hale	334	361				
sandushak	66	83		rod	364	365				
Shale	83	97		Shale	365	388				
coal	97	98		coal	388	389				
hale	98	105		shelp	389	759				
lime	105	119		coal	399	400				
coal/b/ksha	1.119	124		Shalo	400	405				
lime	124	130		1001	405	406				
sandy shall	136	177		Shale	406	416				
oil sand	177	181		1091	416	4/8				2
shale	181	190		shale.	4/7	431				1
oil sand	190	207		oil sand	431	434				
shal,	207	217		Shale	434	437				
coal	217	218		coal	437	438				
Shale	218	256		shal	438	446				
lime	236	237		Miss	446	525	D			
Shale	237	239								
coal	259	240								
hale	240	261								
oil sand	261	267		1						
shale	267	278								