

## Kansas Corporation Commission Oil & Gas Conservation Division

1060830

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: 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? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: 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 #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW 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 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	ssures, 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 Co	ement	# 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 (		nmingled mit ACO-4)			

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

TICKET	NUMBE	ᆮ
	IVOIVIDE	

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1	0	0	8
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FIFI D	TICKET REF #	

FOREMAN Jue BIANCHONO

# TREATMENT REPORT

2		& FIELD TICKET CEMENT API 13 - 094 - 24631							
DATE		WELLN	AME & NUMBER		TOWNSHIP	RANGE	COUNTY		
12-28-10	Bozm	an a	laque	24-2	24_	34	18	ムB	
FOREMAN /	TIME	TIME	LĖSS	TRUCK	TRAILER	TRUCK		EMPLOYEE	
OPERATOR	iN	OUT	LUNCH	#	#	HOURS		SIGNATURE	
Ju Blanchard	7:00	3:30		904 850		18.5	5 /	Bluebon	
Ken colston	700	145		931300		6.76	5 2	on Colofa	
Greg Barnhat	C.	1:30		903400	932170	3		45 Ray	
John Walker	10:30	1:30		903 400/93217	R32170	3	-	To will	
Chrismilled.	7.00	3:30		983197		85		Mult	
MAH NOFF	7:00	1:30	×	903600		6.5			
JOB TYPE Langstru	HOLE S _ ود	SIZE 77/8	З не	OLE DEPTH <u>954</u>	CASI	NG SIZE & WE	EIGHT <u>5</u>	12 16#	
CASING DEPTH 951		PIPE		JBING	OTHE	ER			
SLURRY WEIGHT 13	<u>∘5</u> slurr	Y VOL	W	ATER gal/sk	CEMI	ENT LEFT in C	ASING		
DISPLACEMENT 22	رح DISPLA	CEMENT PSI	M	IX PSI	RATE	46pm	L		
REMARKS:	•			A					
Safety Meetin	g From	7 708	ARRIVEC	on location	OF 9: AM :	STAPHO C	asing	in at 9:40	
RAN 951 F	7 Casin	ig in ho	le wast	red 9 Ft sw	rept \$ 45	KS of go	1 65	Surface:	
Installed of	Coment h	pod PAI	U 16 BB	1 due &	155 SKS	of come	15 T	o got dure	
To Com	Flat.	- 9un-1	16. 41 0	11. La b-14	12 m al - 181	and days	ء ا	/	

From 12:00 to 1:00 united on welder to show up to Cut Coller off of weld New Collar on Casing. Coller was Egged bade left location at 1:30 weld you Collar on Casing, Collar was

TOTAL AMOUNT ACCOUNT CODE QUANTITY or UNITS DESCRIPTION OF SERVICES OR PRODUCT Foreman Pickup 904850 8.50 h Cement Pump Truck 903197 Bulk Truck 903600 Transport Truck 903400 Transport Trailer 932<u>170</u> hc 80 Vac 951,09 Casing Centralizers Float Shoe Wiper Plug Frac Baffles 4" small hole Portland Cement 120 **が**K Gilsonite 30 SK Flo-Seal SK Premium Gel 56 20 Cal Chloride <del>Ker</del> 51/2 Brsket City Water 7000 ac Casing 931300 ₩ 6.75 Cosnes trailor 51/2 Weld ON Collar 931395 Ravin 4513

TD'd. McPherson Dillerg @ 1PM 12-27-10.

Pipe #	Length	D		Bozman, Wayne D. 24-2
/	38,61		Baffle Location	Casing Tally Sheet
2	40.21	38.61		
2 3		78.82	A A	Location: Bozman 24-Z
4		117.25	Comony	SSI# D190 84 Date: 12/27/10
35	39.83	157.08	a bot	Well TD: 9541
6	38.88	195.96	BUCKEY	TOUT 210
7	39.44	235,40	Lagon	754 T345-R18E Fabette Co., KS.
-6	39.45	274,85	10	Labette Cox KS
8	39.05	313.90	781	11
	132.79	353.69	119	L. C.
10_	39.36	393.05		
_//_	39.84	432.89	1 1 1 1 1	Baffle Location Ken
12	39.91	472.80	10000	Baffle Location
13	39.05	5/1.85	do on	Kan
14	38,36	550.21	# 20	
15	38 36	588.57	William	
16	39.61	628.18		
17	38.11	667 29	Diffe,	
18	38.47	705.76		Notes
19	39,32	745.08		
(20)	39.03	784,11	- Det Lour	Boffle @ 745.08 fd. Small Hole.
2/	39.45	823.56		The state water
22	39,31	862.87		
23 (24)	39.45	902.32		
(24)	38.77	941.09		J.
546	10.		a - 24	09
		Colin 1 Tak	ly Bollon	
			<i>V</i>	15 989 935 637
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r · 1	- 10			a Geologist
[-100	3 Mes	2, Top:	- 7011 A-	& Secregist
/	7	' ( <sup>∪</sup> ¢×	- 17440	

E-log Mess, Top = 794fd, Logger Botton = 943,90fd. Tally Botton = 951,09 fd. Dille TD = 954 fd. St. Geologist 620-305-9900 Cell

### McPherson Drilling LLC Drillers Log

PO# 121510-3 AFE# D10084

Rig Number:	1		S. 24	T. 34	R.18 E
API No. 15-	099-24631		County:	LB	
	Elev.	904	Location:	W2 E2 SW S	W

Operator: POSTROCK

Address: 210 Park Ave Ste 2750

Oklahoma City, OK 73102-5641

Well No:24-2Lease Name:WAYNE D BOZMANFootage Location:660 ft. from the SOUTH Line

800 ft. from the WEST Line

Drilling Contractor: McPherson Drilling LLC

Spud date: 12/22/2010 Geologist: Ken Recoy
Date Completed: 12/27/2010 Total Depth: 954

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	23#			
Setting Depth:	22	MCP		
Type Cement:	Portland		DRILLER:	Andy Coats
Sacks:	4	MCP		

Gas Tests:	
	MCF
150	0
265	1# on 1/8" 2.76
300	1# on 1/8" 2.76
360	1# on 1/8" 2.76
390	1# on 1/8" 2.76
450	1# on 1/8" 2.76
460	1# on 1/8" 2.76
590	1# on 1/8" 2.76
780	3# ON 1/8" 4.84
804	3# ON 1/8" 4.84
954	3# ON 1/8" 4.84
hit water at 75	I
Comments:	
Start injecting	@

	Well Log									
Formation	Тор	Btm.	HRS. For	mation	Тор	Btm.	Formation Top Btm			
soil	0	4	shal	е	454	498				
sand shale	4	16	coal		498	500				
shale	16	75	shal	е	500	512				
sand	75	117	blac	k shale	512	515				
lime	117	148	shal	е	515	531				
coal	148	150	blac	k shale	531	534				
shale	150	190	shal	е	534	590				
sand shale	190	219	blac	k shale	590	591				
oswego lime	219	252	shal	е	591	778				
summit	252	260	coal		778	779				
lime	260	281	shal	е	779	787				
mulky	281	287	dark	lime	787	790				
lime	287	290	Miss	sissippi	790	954				
sand shale	290	350								
coal	350	352								
shale	352	377								
lime	377	380								
coal	380	382								
shale	382	392								
black shale	392	395								
shale	395	427								
coal	427	429								
shale	429	452								
coal	452	454								