

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1072028

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Feet / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GSW Temp. Abd	If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(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 St	ND Dewatering method used:
Conv. to GSW	
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 #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	Fernin #
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 Name:	Well #:	
Sec TwpS. R East West	County:		

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No	L Nam	-	n (Top), Depth an	d Datum Top	Datum
Samples Sent to Geolog	ical Survey	Yes No	INAI			юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASIN	G RECORD	ew Used			
		Report all strings se	t-conductor, surface, int	ermediate, producti	ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	<b>ર</b> .	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			I			1				
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit )	v Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACC	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Well: Ferguson # 8 Lease Owner: BG-5

Franklin County, KS Town Oilfield Service, Inc. Commenced Spudding:

11/22/2011

## WELL LOG

nickness of Strata	Formation	Total Depth
45	Soil/Clay	45
14	Shale	69
	Lime	93
6	Shale	99
13	Lime	112
6	Shale	112
16	Lime	134
49	Shale	183
25	Lime	208
68	Shale	275
22	Lime	297
15	Shale	
7	Lime	312
27	Shale	319
6	Lime	346
11	Shale	352
2	Lime	363
16	Shale	365
5	Lime	381
3	Shale	386
3	Lime	389
3	Shale	392
6	Lime	395
11	Shale	401
21	Lime	412
5	Shale	433
2	Lime	438
3	Shale	440
6	Lime	443
149	Shale	449
15	Lime	580
6	Shale	595
7	Lime	601
10	Shale	608
11	Lime	618
9	Shale	629
5	Lime	637
8	Shale	642
6	Lime	650
15	Shale	656

# Franklin County, KS Well: Ferguson # 8 Lease Owner: BG-5 Town Oilfield Service, Inc. (913) 837-8400 Commenced Spudding: 11/22/2011

3	Lime	674
11	Shale	685
11	Lime	696
7	Shale	703
3	Lime	706
4	Shale	710
9	Sand	719
1	Sand	720
10	Grey Sand	736
10	Sandy Shale	740
58	Shale	798-TD
1. STR		
9.14		
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CC	ONSOLIDATED		· ·	TICKET NUM	BER 33	129
	Dil Well Services, LLC				Hawa !	
				FOREMAN	FredMan	
		ELD TICKET & TRE		ORT		
	or 800-467-8676	CEME				
DATE	1564	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
USTOMER	1604 Fergu	son # 8	NW. 1.	16	20	FR
B	6-5 Inc.		TRUCK#	DRIVER	TRUCK#	DDIV/CD
MAILING ADDRE			506	FREMAD	Safety	DRIVER
39	39 Ellis Rd		495	HARBEC	MIR	T
CITY	STATE	ZIP CODE	370	GARMOO	GM	-11
Rant	tou KS	66079	548	KEICAR	KC	-
JOB TYPE ho	ngstring HOLE SIZE	6314 HOLE DEF		CASING SIZE & V		
CASING DEPTH	751 DRILL PIPE	TUBING	· · · · · ·	. da .	OTHER	· · · ·
SLURRY WEIGH	T SLURRY VOL	WATER ga	l/sk	CEMENT LEFT in		Plus
DISPLACEMENT	11.9 BBC DISPLACEME	NT PSI MIX PSI		RATE SBPI		d
REMARKS: E	stablish pump r.	at. Mizz Pum	\$ 100 # Pre	mium a	d Flush	
	XY PUMP 7 BI	315 Telltale		+ PUMP 1		
501	150 for Mix Cen	neux 2% Gel 1/2"	Pheno Sea		Ush PUMD	¥-
1.20	es clean. Displ		x plug to a	Lasing TI	S w/	BBLS
fres	n vater. Pressu.		, Release 6	ressure, y	o set floa	4
Val	ve. Chick Plug de	epthill wirelin				
· · · ·	6			- F		
	· · ·			1		
10	S Drilly			Furth	oden	
	<del>ل</del>	· · · ·		1 ·		
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		495		92500
5406	15m;	MILEAGE				6000
5402	751	Casin Footoge				NIC
5407	Min. min	Ton Miles				33000
SSORC	1's hrs	80 BBL Vac	Truck,	-		13500
						103
	4					and the second se
				· · · · · · · · · · · · · · · · · · ·		
1124	129 cKs	50/50 Pro m	N Comment			17.000
1124	129545	50/50 Por M		······································		
1118B	317#	Premium (	sel			63.40
1118B 1107A		Premium ( Phino Seal	iel			<u> </u>
1118B	317#	Premium (	iel			<u> </u>
1118B 107A	317#	Premium ( Phino Seal	iel			<u> </u>
1118B 1107A	317#	Premium ( Phino Seal	iel			<u>6340</u> 7 <b>9</b> 30 450
1118B 1107A	317#	Premium ( Phino Seal	iel			<u>6340</u> 7 <b>9</b> 30 450
1118B 1107A	317#	Premium ( Phino Seal	iel	17 1615	DANN	<u>6340</u> 7 <b>9</b> 30 450
1118B 107A	317#	Premium ( Phino Seal	iel	465	DANN	7 <b>9</b> 30 45 10
1118B 107A	317#	Premium ( Phino Seal	iel	1 101 101	CANN	<u>6340</u> 7 <b>9</b> 30 450
1118B 107A	317#	Premium ( Phino Seal	iel	<u> </u>		634 <u>9</u> 783 <u>9</u> 45 99
1118B 1107A	317#	Premium ( Phino Seal	iel	16 10 7.8%	SALES TAX ESTIMATED TOTAL	<u>6340</u> 7 <b>9</b> 30 450

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.