

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1250585

Form ACO-1
August 2013
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 🗌 East 🗌 West
Address 2:	Feet from
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter         Sec.         Twp.         S. R.         East         West           County:         Permit #:

#### **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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(			_	
TUBING RECORD:	Size:	Set At:		Packer A	<del></del>	Liner Run:				
		0017111				[	Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS:  Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			



### Fueling American Prosperity™

## Oil and Gas Well Drilling

### 3137 Virginia Rd, Wellsville KS 66092

**Owners: Clay Hughes** Isaac Burbank

Phone: (785) 979-9493

(913) 963-9127

(785) 883-2305 Fax:

### Well Log

DE & TZ LLC Knabe Well #: I-23 Sec. 31 Twp. 14 Rng. 22

FSL: 4090 FEL: 620 API: 15-091-24411

Start: 03/16/15 End: 03/17/15

Thickness of Strata	<b>Formation</b>	<b>Total</b>
24	Soil and Clay	24
1	Lime	25
5	Shale	30
1	Lime	31
36	Shale	67
4	Lime	71
1	Shale	72
17	Lime	89
7	Shale	96
8	Lime	104
7	Shale	111
19	Lime	130
21	Shale	151
14	Lime	165
2	Shale	167
12	Lime	179
36	Shale	215
31	Lime	246
14	Shale	260
9	Lime	269
21	Shale	290
5	Lime	295
2	Shale	297
10	Lime	307
32	Shale	339
1	Lime	340
10	Shale	350
7	Lime	357
3	Shale	360
17	Lime	377
5	Shale	382
24	Lime	406
3	Shale	409

5		Lime	414	
3		Shale	417	
7		Lime	424	Base of Kansas City / Hertha
30		Shale	454	
2		Silty Shale	456	
4		Broken Sand	460	Grey sand & shale, very light gas odor
2		Silty Shale	462	and gue out.
73		Shale	535	
7		Silty Shale	542	
52		Shale	594	
6		Lime	600	*
3		Shale	603	
1		Lime	604	
11		Shale	615	
3		Lime	618	Light oil show
4		Shale	622	2.6 0 0 0
1		Lime	623	
14		Shale	637	
3		Lime	640	
3		Shale	643	
1		Coal	644	
11		Shale	655	
1		Lime	656	
9		Shale	665	
13		Shale	678	Red bed
7		Lime	685	nou sou
		Shale	687	
2		Lime	690	
3		Shale	693	
3		Silty Shale	696	
2		Sand	698	Grey, no odor
2		Silty Shale	700	,,
35		Shale	735	
1		Lime & Shells	736	
12		Shale	748	
1		Lime & Shells	749	
10		Shale	759	
1	*	<b>Broken Sand</b>	760	10% brown sand, 90% shale, faint oil odor, no
				bleed
2		Silty Shale	762	
3		Broken Sand	765	Brown & grey sand, no oil, no gas
8		Silty Shale	773	0 ,, <sub>200</sub>
11		Shale	784	
1		Coal	785	
4		Shale	789	
3		Lime	792	

30	Shale	822	
4	Silty Shale	826	
13	Shale	839	
5	Silty Shale	844	
16	Shale	860	
1	Coal	861	
23	Shale	884	
3	Lime	887	
2	Lime & Shale	889	
1	Sand	890	White soft sand, no oil
1	<b>Broken Sand</b>	891	80% white sand, 20% black sand, light bleed
2	Oil Sand	893	Black, minimal oil show
3	<b>Broken Sand</b>	896	Black & white sand, minimal oil show
5	Sand	901	Black sand, no oil show
1	<b>Broken Sand</b>	902	Laminated grey & black sand, no show
5	Silty Shale	907	5 7
2	Shale	909	
1	Coal	910	
54	Shale	964	
3	Lime	967	
11	Shale	978	TD

Drilled an 11" hole to 45' Drilled a 5 5/8" hole to 978'

03/16/15 set 45' of 7" surface casing, cemented with 14 sacks of cement.

03/17/15 chip sampled Bartlesville zone.

03/17/15 set 963' of 2.7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle. Baffle set at 935'.



#### **REMIT TO**

MAIN OFFICE

P.O.Box884 Chanute, KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Consolidated Oil Well Services, LLC Dept:970 P.O.Box 4346 Houston, TX 77210-4346

803756 Invoice Invoice# 

\_\_\_\_\_\_\_

03/25/15 Invoice Date:

Terms:

C.O.D.

Page

1

D.E. EXPLORATION

P.O. BOX 128

WELLSVILLE KS 66092

USA

7858834057

KNABE #I-28

Part No	Description	Quantity	Unit Price	Discount(%)	Total	
5401	Cement Pumper	1.000	1,085.0000	10.000	976.50	
5406	Mileage Charge	1.000	0.0000	0.000	0.00	
5402	Casing Footage	963.000	0.0000	0.000	0.00	
5407	Min. Bulk Delivery Charge	1.000	368.0000	10.000	331.20	
1124	Poz Cement Mix	136.000	11.5000	30.000	1,094.80	
1118B	Premium Gel / Bentonite	329.000	0.2200	30.000	50.67	
1111	Sodium Chloride (Granulated Salt)	274.000	0.3900	30.000	74.80	
1110A	Kol Seal (50# BAG)	680.000	0.4600	30.000	218.96	
4402	2 1/2 Rubber Plug	1.000	29.5000	0.000	29.50	
1401	HE 100 Polymer	0.500	47.2500	0.000	23.63	
5502C	80 Vacuum Truck Cement	1.500	100.0000	10.000	135.00	
				Subtotal	3,712.17	
			Discounte	d Amount	777.11	
			SubTotal After	SubTotal After Discount		
			Amount D	Due 3,867.72 If	paid after 03/25/15	

Tax:

110.06

Total:

3,045.12



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

**FOREMAN** 

DATE\_

CEMENT

DATE	CUSTOMER#	WELL	NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
3-17.15	2355	Knabe	# 1.283 3	-3	NE31	14	22	70
DE+T2	% D E	Explorati	8n	池	TRUCK#	DRIVER	TRUCK#	DRIVER
ALLING ADDRE	ESS	- rpipion.			# 71Z	Fre Wad	THOOK!	BIUVER
P.O. B	00× 128			-	495	Mar Bec		
ITY		STATE	ZIP CODE		675	Kal Dest		
Weller	ville	KS	66092		804	Gar Mas		
DB TYPE		HOLE SIZE	57 HOL	.E DEPTH_		CASING SIZE & V	/EIGHT 27%	" EUE
ASING DEPTH	9 63	DRILL PIPE 3	atflein TUB	BING_@	935		OTHER	
URRY WEIGH		SLURRY VOL_		TER gal/sk_		CEMENT LEFT In	CASING 26'	+ Plug
SPLACEMENT	T <u>5.44B</u> B	DISPLACEMENT	PSI MIX	PSI		RATE 58PM	1	<i>-</i>
EMARKS: H	old Safely	mee & he	Establis	Loums	rate. P	ump to Gal	HE 100	Polyner
Fluch	Circula	to well	40 Condi	flon h	,	ix + Puma	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Flush.	M; x +	Pump	136 sks	50/50			2% Cel 5%	
5 4 KG	ol Scal/si	k. Com				6 pump	Llines cl	eou.
Displa	ca 21/2"	Rubber	olug to .	baffle	in Casi	m. Pres	sule to	8004
PSI: I	Rolease p	ressure	FOSA	float	Value.	3hotine	ashy.	
		<u> </u>	- I	1			Ø	
With	ressed t	y Phi	1 Frick	*********				
-HB	Energy				7-w	Q Made	_	
	7(							
ACCOUNT	QUANITY	or UNITS	DESCRI	PTION of SE	RVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401	•	7	PUMP CHARGE	<u> </u>		,495	108509	
54060	N		MILEAGE			495	,,,,,	NIC
5400	963		^	es eve		• • •		NIC
5407	Minim		Jon m	iles	· · · · · · · · · · · · · · · · · · ·		36800	270
55020		Ehr	80 BBL		Truck	675	15900	
		Z_AF	V- DDC		Less		-/6030	
1					50670 feel	0,0	760-	14422
			***************************************		JUD IONAL	•		7442-
1124 0	1:	36 s KS	F-1 0	. 100 5.	1 1			
11188	/	29#	50/50 Pa		Comen	•	156400	
	G	244	Premium				7238	
HOAd	~	74 <sup>#</sup>	Granula	to a Sa	214		106 86	
HUHO		80	Kol Scal		1 0		3/280	
				1/(0)	terial		8056 EY	
	7680			<u> </u>	ess 30%		منظ حالما	/u > 23
4402			2%" Rus 6	1 0 1	l.m			143923
1401	1/-	2 Gal	HE 100	Palis	· ·			2950
		4.4	17 6 100	, ary mu	<u> </u>			6K5 = 6
		"				7.375%	SALES TAX	11006-
n 3737	A 000000	olod				1-0 1010	ESTIMATED	
1	0	nell					TOTAL	30452
JTHORIZTION_	JACKYNSCI		TITLI	E		1	DATE (	386272

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.