

Kansas Corporation Commission Oil & Gas Conservation Division

1133019

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
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: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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	

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 Nar	me:			. Well #:	
Sec Twp	S. R	East West	County: _					
time tool open and clor recovery, and flow rate	sed, flowing and shut-	base of formations per in pressures, whether s t, along with final chart(vell site report.	hut-in pressur	e reached	static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		☐ Yes ☐ No		Log	Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	logical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy	d Electronically	Yes No Yes No Yes No						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD [New	Used	on, etc.		
Purpose of String	Size Hole	Size Casing	Weight		Setting	Type of	# Sacks	Type and Percent
	Drilled	Set (In O.D.)	Lbs. / Ft.	•	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING	/ SQUEEZ	E RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Us	sed		Type and F	ercent Additives	
Perforate Protect Casing								
Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORATIO	N RECORD - Bridge Plugotage of Each Interval Per	s Set/Type			cture, Shot, Cement		d Depth
	Ороскіў ГС	olage of Each interval i er	ioratea		(70)	nount and rund of we	ichar Osca)	Верит
TUBING RECORD:	Size:	Set At:	Packer At:	Lir	ner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Met	hod:	Gas	Lift 0	ther (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf	Water	Bb	ols. (Gas-Oil Ratio	Gravity
DISPOSITIO			METHOD OF CO	OMBI ETICI	NI:		DRODUCTIO	MINITEDVAL.
Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF CO	Dually Con		nmingled	PRODUCTIC	ON INTERVAL:
(If vented, Sub		Other (Specify)		Submit ACO-		mit ACO-4)		

CONSOLIDATED Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346 MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

Invoice Date: 02/20/2013 Terms: 0/0/30,n/30 Page

D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274

DONOVAN #25 38851 19-14-22 02-19-2013 KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	119.00	10.9500	1303.05
1118B	PREMIUM GEL / BENTONITE	300.00	.2100	63.00
1111	SODIUM CHLORIDE (GRANULA	230.00	.3700	85.10
1110A	KOL SEAL (50# BAG)	595.00	.4600	273.70
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
Description		Hours	Unit Price	Total
370 80 BBL VACUUM	FRUCK (CEMENT)	2.00	90.00	180.00
495 CEMENT PUMP		1.00	1030.00	1030.00
495 EQUIPMENT MILE	AGE (ONE WAY)	30.00	4.00	120.00
495 CASING FOOTAGE		924.00	.00	.00
503 MIN. BULK DELIV	VERY	1.00	350.00	350.00

Parts: 1752.85 Freight: .00 Tax: 131.90 AR Labor: .00 Misc: .00 Total: 3564.75

Sublt: .00 Supplies: .00 Change: .00

Signed_____ Date____

3564.75



256920

LOCATION Ottowa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT CFMENT

			Q E III E I I I	· ·	· ·		
DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/19/13 CUSTOMER	3392	Donovan # 25		NE 19.	14	22	J0
CÚSTÓMER	- H /	./ \ .		TDUOK #		TOLLOW	
D& Z Exploration MAILING ADDRESS				TRUCK#	Fre Was	Safet	DRIVER
GOL N Elm St. CITY STATE ZIP CODE				495		HB 0	mix
CITY	N EIMI	STATE	ZIP CODE		Har Bec	KC KC	
St- Eln		<i>(</i> L	62458	370	Kei Car Dan Det	DD D	
JOB TYPE LOX		HOLE SIZE		960	CASING SIZE & W		
CASING DEPTH		DRILL PIPE				OTHER	
SLURRY WEIGH		SLURRY VOL_			CEMENT LEFT in		
	5,37 BBL	-			RATE		
REMARKS: H	A /		mg. Establish			Puran	00%
			10 119 5 KS 50/				
5%	-1		15K. Cement				
			place 2'z" Rub				
	ssure to	800.#	PSI. Release,	ovessore	to Sex	Float Va	luc
,	otin ca						
		0					
					/ 0)	٠.	
	TOS Dri	11 mg - 6	Chad		Ful W	ladin	
		<i>f</i>					
ACCOUNT	QUANITY	or UNITS	DESCRIPTION of S	ERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401		1	PUMP CHARGE		495		103000
5406		30 mi	MILEAGE		495		12000
5402	9	24					N/C
5407	Minim	LUM	Ton Miles		503		35000
5502C		2 hrs	80 BBL "Vac-	Truck.			18000
3							-
1124	11	S s Ks	50/50 Por Mix Ca	ement			1303 05
11188	36	**************************************	Premium Col			. 4.	63 -
1411	230# #		Granulated Sal	14			85-10
110A	200	95#	Kol Scal				27370
4402)	- 1. N - A 1 1	lug			28=
77 70 2			(/2.0)	Z			
					A CONTRACTOR OF THE		्राज्ये ■ : t
						complet	01
						LUMBIG	<u>. </u>
					S Baselousell	. •	**
					1 4 to 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
				,	7.525%	SALES TAX	131 90
Ravin 3737						ESTIMATED TOTAL	3564 75
AUTHORIZTION	Can De	ann.	TITLE			DATE	

l 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

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Donovan 25 (913) 837-8400 2/18/2013

(913) 837-8400

Lease Owner: D Z Exploration

WELL LOG

Thickness of Strata	Formation	Total Depth
6	Soil- Clay	6
12	Sandstone	18
13	Shale	31
2	Lime	33
25	Shale	58
6	Lime	64
2	Shale	66
15	Lime	81
9	Shale	90
8	Lime	98
9	Shale	107
19	Lime	126
17	Shale	143
19	Lime	162
8	Shale	170
56	Lime	226
21	Shale	247
8	Lime	255
17	Shale	272
3	Lime	278
7	Lime	282
5	Shale	287
8	Lime	295
33	Shale	328
1	Lime	329
11	Shale	340
25	Lime	365
8	Shale	373
24	Lime	397
4	Shale	401
4	Lime	405
5	Shale	410
5	Lime	415
7	Shale	422
5	Sand	427
5	Sandy Shale	
16	Shale	448
5	Sand	453
17	Sandy Shale	470
60	Shale	530

Johnson County, KS Well: Donovan 25 Town Oilfield Service, Inc. Commenced Spudding: 2/18/2013

Lease Owner: D Z Exploration

10	Cond	540
46	Sand	540
3	Shale	586
	Lime	589
3	Shale	592
4	Lime	596
9	Shale	605
4	Lime	609
16	Shale	625
4	Lime	629
5	Shale	634
5	Lime	639
3	Shale	642
3	Lime	645
40	Shale	685
11	Sand	696
12	Sandy Shale	708
44	Shale	752
5	Broken Sand	757
13	Sandy Shale	770
96	Shale	866
2	Broken Sand	868
1	Sand	869
1	Sand	870
3	Sand	873
1	Sand	874
1	Sand	875
1	Sand	876
4	Broken Sand	880
3	Sand	883
1	Sand	884
4	Sandy Shale	888
37	Shale	925
3	Sand	928
2	Shale	930
30	Sand	960-TD
30	Sand	300-12
	+	
	+	
	+	
	+	
———	+	
	+	
	+	
	+	

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D Diameter of Pump Sheave
- * d Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS **VOLTS**

746 WATTS equal 1 HP

Log Book

Well No				
Farm_Dow	exicis/X			
10014				
~~	30	NUSIN		
(State)		(County)		
3%	1'4	22		
(Section)	(Township)	(Range)		
For 0+2	Explored.	ion		
	(Well Owner)			

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

October Farm: Johnson County	
State; Well No. 25	· ·
Elevation 1045	<u>1.</u>
Commenced Spuding 2013	_
Finished Drilling 2-1- 20 13	
Driller's Name Check Weens	
Driller's Name	1
Driller's Name	
Tool Dresser's Name Covandon Stone	
Tool Dresser's Name Calk Steve	31
Tool Dresser's Name	(*·
Contractor's Name	_
74 22	<u> </u>
(Section) (Township) (Range)	<u> </u>
Distance from 5 line, 4125 ft.	
Distance from E line, 2375 ft.	- % % h
1045 - 10014 - CILWS	_
	- S
	<u> </u>
3. Suclis	;
CASING AND TUBING	
RECORD	
•	
10" Set 10" Pulled	
78" Set	
6¼" Set 6¼" Pulled	
4" Set 4" Pulled	
4" Set 4" Pulled	
2" Set 93315 2" Pulled	-1-

-

Thickness of Strata	Formation	Total Depth	Remarks
6	50.1/010.	6	
13	sendedone	15	
13	Shoile	: 1	
2	2111-1	33	
25	Shorta	58	
(0	Livine	64	
2	Shede	66	
15	Line	81	
9	shale	90	
8	Livia	98	
9	shale	107	
19	Line	126	
	Shorte	143	
19	Lime	162	
~	shele	170	
56	Lime	226	
	chicite	247	
	Lima	255	
77	Sheile	272	
3	Limed sheet	275	
	Lime	563	
5	sucile	287	
&	Lime	295	
33	shale	328	
)	Lime	324	
-))	shele"	3,40	
25	Lime	365	2

-2-

		365	
Thickness of Strata	Formation	Total -	Remarks
8	Shale	373	
24	トルツで	397	
4	Shale	401	
4	Live	105	
5	shorte	1410	
5	Lime	415	14c=4/10,
7	shorte	1422	
5	sund	127	ne ex
5	cardychole	432	
16	shale	448	
5	send	1453	2001
17	-wat v shale	470	
60	shale	530	
10	sind	540	no o.l
46	Sheile	586	
3	Lime	589	
3	sticile	592	
14	Livia	596	
Cι	Shelle	605	
14	Limed Shela	600	
16	shole	635	
1-1	Lime	429	
5	shede	634	
5	Line	639	
3	shoile	642	
3	Lime	645	
40	Streile	685	ned had - (55)

		685	
Thickness of Strata	Formation	Total Depth	Remarks
11	sond	696	
1.7	sind x sivele	708	
44	shale	752	
5	Buckey sind	757	eder, say 1.14/e orl
1.3	and school	770	
96	sheile	866	
2	Brokensend	868	cder; 2/6 or
)	sand	266	good woold when bleeding
``	sond	870	60010-70010 clx 111-ed. x
3	send	×73	30° le 20
	sund	418	66% - 76% o.l
	Sould	₹75	10/0-15/001
)	som d	876	12°/6 = 1
1,	Broken soud	830	no
3	sind	883	10
	sund	8814	396 01
1	and male	883	2001
37	shale	925	
3	sund	928	1.44/c show, white sind
2	evele	930	
30	sand	960	TD, "CHG-952" 1.416 Just
			-7-