Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1348389

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 # 4567
Name: D. E. Exploration, Inc.
Address 1: PO BOX 128
Address 2:
City: WELLSVILLE State: KS Zip: 66092 + 0128
Contact Person: Phil Frick
Phone: (785) 883-4057
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: None
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ 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:

Operator:
Well Name:
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 #:
☐ ENHR Permit #:
☐ GSW Permit #:

02/13/2017	02/14/2017	02/14/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-24461-00-00
Spot Description:
SW NE NE NE Sec. 1 Twp. 15 S. R. 21 ☑ East ☐ West
4789 Feet from ☐ North / ☑ South Line of Section
452 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Johnson
Lease Name: EVANS Well #: I-6
Field Name:
Producing Formation: Bartlesville
Elevation: Ground: 1017 Kelly Bushing: 1017
Total Vertical Depth: 940 Plug Back Total Depth: 887
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 919
feet depth to: 0 w/ 116 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 30 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
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:** Karen Ritter **Date:** 03/15/2017

[redacted]

1348389

Operator Name: D. E. Exploration, Inc. Lease Name: EVANS Well #: I-6

Sec. 1 Twp. 15 S. R. 21 ☑ East ☐ West County: Johnson

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Bartlesville	848	+169

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
Surface	9.875	7	17	20	Portland	3	NA
Production	5.625	2.875	7	919	50/50 Poz	116	See Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
3	848-856 - 25 Perfs - 2" DML RTG		

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	D. E. Exploration, Inc.
Well Name	EVANS I-6
Doc ID	1348389

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	17	20	Portland	3	NA
Production	5.625	2.875	7	919	50/50 Poz	116	See Ticket

Johnson County, KS
Well: Evans I-6
Lease Owner:DE Exploration

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
2/13/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-27	Soil-Clay	27
21	Shale	48
21	Lime	69
7	Shale	76
9	Lime	85
5	Shale	90
19	Lime	109
23	Shale	132
26	Lime	158
29	Shale	187
12	Lime	199
22	Shale	221
9	Lime	230
8	Shale	238
10	Lime	248
18	Shale	266
8	Lime	274
5	Shale	279
6	Lime	285
32	Shale	317
1	Lime	318
10	Shale	328
26	Lime	354
6	Shale	360
23	Lime	383
4	Shale	387
3	Lime	390
5	Shale	395
6	Lime	401
26	Shale	427
10	Lime	437
135	Shale	572
4	Lime	576
4	Shale	580
2	Lime	582
9	Shale	591
6	Lime	597
16	Shale	613
3	Lime	616
13	Shale	629

Johnson County, KS
Well: Evans I-6
Lease Owner:DE Exploration

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
2/13/17

3	Lime	632
24	Shale	656
2	Lime	658
69	Shale	727
6	Sand	733
114	Shale	847
1	Sandy Lime	848
6	Sand	854
14	Sandy Shale	868
72	Shale	940-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.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: $\frac{\text{WATTS}}{\text{VOLTS}}$ = AMPS

746 WATTS equal 1 HP

Log Book

Well No. I-6

Farm Evans

KS (State) Johnson (County)

1 (Section) 15 (Township) 21 (Range)

For D. E. Exploration (Well Owner)

Town Oilfield Services, Inc.

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

Evans Farm: Johnson County

KS State; Well No. I-6

Elevation 1017

Commenced Spuding 2-13 2017

Finished Drilling 2-14 2017

Driller's Name Wesley Dallard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

1 15 21

(Section) (Township) (Range)

Distance from S line, 4840 ft.

Distance from E line, 415 ft.

3 sacks
9 hrs
5 5/8 borehole
2 7/8 casing

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
~~7"~~ 6¼" Set	20	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
887.	10	Baffle			
918.	95	Float			
940	TD			2 7/8	

Thickness of Strata	Formation	Total Depth	Remarks
0-27	soil-clay	27	
21	Shale	48	
21	Lime	69	
7	Shale	76	
9	Lime	85	
5	Shale	90	
19	Lime	109	
23	Shale	132	redbed
26	Lime	158	
29	Shale	187	
12	Lime	199	
22	Shale	221	
9	Lime	230	
8	Shale	238	
10	Lime	248	
18	Shale	266	
8	Lime	274	
5	Shale	279	
6	Lime	285	
32	Shale	317	
1	Lime	318	
10	Shale	328	
26	Lime	354	
6	Shale	360	
23	Lime	383	
4	Shale	387	
3	Lime	390	

390

Thickness of Strata	Formation	Total Depth	Remarks
5	Shale	395	
6	Lime	401	Hertha
26	Shale	427	
10	Sand	437	no Oil
135	Shale	572	
4	Lime	576	
4	Shale	580	
2	Lime	582	
9	Shale	591	
6	Lime	597	
16	Shale	613	
3	Lime	616	
13	Shale	629	
3	Lime	632	
24	Shale	656	redbed
2	Lime	658	
69	Shale	727	
6	Sand	733	gas odor - broken
114	Shale	847	
1	Sandy Lime	848	no Oil
perf 6	Sand	854	broken - good saturation
14	Sandy Shale	868	
72	Shale	940	TD

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

Invoice

Invoice# 809608

Invoice Date: 02/15/17 Terms: Net 30 Page 1

D.E. EXPLORATION

P.O. BOX 128
WELLSVILLE KS 66092
USA

7858834057

EVANS #I-6

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	60.000	600.00
CE0002	Equipment Mileage Charge - Heavy Equipment	25.000	7.1500	60.000	71.50
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	60.000	264.00
WE0853	80 BBL Vacuum Truck (Cement Services)	2.500	100.0000	60.000	100.00
CC5840	Poz-Blend I A (50:50)	116.000	13.5000	60.000	626.40
CC5965	*Bentonite*	295.000	0.3000	60.000	35.40
CC5326	Sodium Chloride, Salt	234.000	1.0000	60.000	93.60
CC6077	Kolseal	580.000	0.5000	60.000	116.00
CC6128	Mud Flush - C	0.500	50.0000	60.000	10.00
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	60.000	18.00

Subtotal	4,837.25
Discounted Amount	2,902.35
SubTotal After Discount	1,934.90

Amount Due 5,010.95 If paid after 03/17/17

Tax:	69.48
Total:	2,004.38

CONSOLIDATED
Oil Well Services, LLC

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

7556 / 1455

TICKET NUMBER 50396
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #809608

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2.14.17	2355	Evans "I" 6	NE 1	15	21	Jo

CUSTOMER: D E Exploration
MAILING ADDRESS: P.O. Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Har Bec		
369	Mik Haa		
558	Arl McD		

JOB TYPE Longstring | HOLE SIZE 5 5/8 | HOLE DEPTH 940 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 916' | DRILL PIPE Baffle in | TUBING @ 887 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 31' of Plug
DISPLACEMENT 5.15 | DISPLACEMENT PSI | MIX PSI | RATE 4BPM

REMARKS: Held Safety Meeting. Establish pump rate. Pump ½ Gal Mud Flush "C". Circulate to condition hole. Mix & Pump 100# Gel Flush. Mix & Pump 116 sks Poz Blend I A Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to Surface. Flush pump & lines clean. Displace 2½" Rubber Plug to Baffle in Casing. Pressure to 800# PSI. Release Pressure to set Float Valve. Shut in Casing.

TOS Drilling — Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500.00	
CE0002	25 mi	MILEAGE	495	178.75	
CE074	minimum	Ton Miles Delivery	558	660.00	
WE0853	2½ hrs	80 BBL Vac Truck	369	250.00	
		Sub Total		2588.75	
		Less 60%			1035.50
CC5840	116 sks	Poz Blend I A Cement		1566.00	
CC5965	295#	Bentonite Gel		68.50	
CC5326	234#	Salt		234.00	
CC6077	580#	Kol Seal		290.00	
CC6128	½ Gal	Mud Flush C		25.00	
CP8176	1	2½" Rubber Plug		45.00	
		Sub Total		2248.50	
		Less 60%			899.40
			7.725%	SALES TAX	69.48
				ESTIMATED TOTAL	2004.38
					(5010.95)

1382

Ravin 3737

AUTHORIZTION Bryan Kelly TITLE DATE

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.