[redacted] 1348128

Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 #:

02/06/2017	02/07/2017	02/07/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-24447-00-00
Spot Description:
NW NW NE NE Sec. 1 Twp. 15 S. R. 21 ☑ East ☐ West
5020 Feet from ☐ North / ☑ South Line of Section
1120 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 #: 1
Field Name:
Producing Formation: Bartlesville
Elevation: Ground: 1021 Kelly Bushing: 1021
Total Vertical Depth: 940 Plug Back Total Depth: 890
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: 922
feet depth to: 0 w/ 115 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:** 03/14/2017

[redacted]

1348128

Operator Name: D. E. Exploration, Inc. Lease Name: EVANS Well #: 1

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	861	+160

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	922	50/50 Poz	115	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	861-868 - 22 perfs - 2" DML RTG		

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

Date of First, Resumed Production, SWD or ENHR. 02/17/2017

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5				

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 1
Doc ID	1348128

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	922	50/50 Poz	115	See Ticket

Johnson County, KS
Well: Evans # 1
Lease Owner:DE Exploration

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

Commenced Spudding:
2/6/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-30	Soil-Clay	30
22	Shale	52
25	Lime	77
7	Shale	84
10	Lime	94
4	Shale	98
19	Lime	117
24	Shale	141
25	Lime	166
6	Shale	172
4	Sandy Shale	176
19	Shale	195
12	Lime	207
20	Shale	227
9	Lime	236
9	Shale	245
11	Lime	256
19	Shale	275
7	Lime	282
5	Shale	287
7	Lime	294
32	Shale	326
2	Lime	328
9	Shale	337
25	Lime	362
9	Shale	371
20	Lime	391
4	Shale	395
3	Lime	398
4	Shale	402
7	Lime	409
31	Shale	440
6	Sand	446
136	Shale	582
4	Lime	586
4	Shale	590
4	Lime	594
8	Shale	602
6	Lime	608
14	Shale	622

Johnson County, KS
Well: Evans # 1
Lease Owner:DE Exploration

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

Commenced Spudding:
2/6/17

3	Lime	625
14	Shale	639
2	Lime	641
23	Shale	664
1	Lime	665
3	Shale	668
1	Lime	669
68	Shale	737
10	Sand	747
113	Shale	860
1	Sandy Lime	861
6	Sand	867
21	Sandy Shale	888
52	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. 1

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. 1

Elevation 1021

Commenced Spuding 2-6 20 17

Finished Drilling 2-7 20 17

Driller's Name Wesley Dollard

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, 5020 ft.

Distance from E line, 1120 ft.

3 sacks
10 hrs
5 7/8 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.
857.	55	seat		nipple	
889.	50	Baffle			
921.	10	Float		2 7/8	
940	TD				

Thickness of Strata	Formation	Total Depth	Remarks
0-30	soil-clay	30	
22	Shale	52	
25	Lime	77	
7	Shale	84	
10	Lime	94	
4	Shale	98	
19	Lime	117	
24	Shale	141	redbed
25	Lime	166	
6	Shale	172	
4	sandy shale	176	
19	Shale	195	
12	Lime	207	
20	Shale	227	
9	Lime	236	
9	Shale	245	
11	Lime	256	
19	Shale	275	
7	Lime	282	
5	Shale	287	
7	Lime	294	
32	Shale	326	
2	Lime	328	
9	Shale	337	
25	Lime	362	
9	Shale	371	
20	Lime	391	

Well #1

391

Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	395	
3	Lime	398	
4	Shale	402	
7	Lime	409	Hertha
31	Shale	440	
6	Sand	446	grey - no Oil
136	Shale	582	
4	Lime	586	
4	Shale	590	
4	Lime	594	
8	Shale	602	
6	Lime	608	
14	Shale	622	
3	Lime	625	
14	Shale	639	
2	Lime	641	
23	Shale	664	redbed
1	Lime	665	
3	Shale	668	
1	Lime	669	
68	Shale	737	
10	Sand	747	gas odor - broken
113	Shale	860	
1	sandy Lime	861	no Oil
perf 6	Sand	867	broken - good saturation
21	sandy shale	888	
52	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# 809541

Invoice Date: 02/09/17 Terms: Net 30 Page 1

D.E. EXPLORATION

P.O. BOX 128
WELLSVILLE KS 66092
USA

7858834057

EVANS #1

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)	2.000	100.0000	60.000	80.00
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	60.000	18.00
CC5840	Poz-Blend I A (50:50)	115.000	13.5000	60.000	621.00
CC5965	*Bentonite*	293.000	0.3000	60.000	35.16
CC5326	Sodium Chloride, Salt	232.000	1.0000	60.000	92.80
CC6077	Kolseal	575.000	0.5000	60.000	115.00

Subtotal	4,743.65
Discounted Amount	2,846.19
SubTotal After Discount	1,897.46

Amount Due 4,913.98 If paid after 03/11/17

Tax:	68.13
Total:	1,965.59

CONSOLIDATED
Oil Well Services, LLC

7484 / 7380

TICKET NUMBER 50388
LOCATION Ottawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #809541

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-7-17	2355	Evans #1	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		
675	Kei Det		
548	ARMMCD		

JOB TYPE Longstring HOLE SIZE 5 5/8 HOLE DEPTH 940 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 921 DRILL PIPE Baffle 3n TUBING @ 889 OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 32' + Plug
DISPLACEMENT 5.16 BBL DISPLACEMENT PSI MIX PSI RATE 4 BPM

REMARKS: Hold Safety Meeting. Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump 115 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 Value.

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	178.25	
CE0711	Minimum	Ton Miles Delivery 548	660.00	
WE0853	2 hrs	80 BBL Vac Truck 675	200.00	
		Sub Total	2538.25	
		Less 60%		1015.30
CP8176	1	2 7/8 plug	45.00	
1125P CC5840	115 sks	Poz Blend I A Cement	1552.50	
CC5965	293#	Bentonite Gel	87.90	
CC5326	232#	Salt	232.00	
CC6077	575#	Kol Seal	287.50	
		Sub Total	2204.90	
		Less 60%		881.96
		7.725%	SALES TAX	68.13
			ESTIMATED TOTAL	1965.39

Ravin 3737

AUTHORIZTION Bryan Mills TITLE DATE (493.98)

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.