Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1348147

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 #:

02/01/2017	02/02/2017	02/02/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-24459-00-00
Spot Description:
SE - NE - NE - NE Sec. 1 Twp. 15 S. R. 21 ☑ East ☐ West
4930 Feet from ☐ North / ☑ South Line of Section
180 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 #: 8
Field Name:
Producing Formation: Bartlesville
Elevation: Ground: 1011 Kelly Bushing: 1011
Total Vertical Depth: 920 Plug Back Total Depth: 874
Amount of Surface Pipe Set and Cemented at: 21 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 906
feet depth to: 0 w/ 110 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]

1348147

Operator Name: D. E. Exploration, Inc. Lease Name: EVANS Well #: 8

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	846	+165

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	21	Portland	3	NA
Production	5.625	2.875	7	906	50/50 Poz	110	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	846-854 - 25 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
	3				

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 8
Doc ID	1348147

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	21	Portland	3	NA
Production	5.625	2.875	7	906	50/50 Poz	110	See Ticket

Johnson County, KS
Well:Evans # 8
Lease Owner:DE Exploration

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

Commenced Spudding:
2/1/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-35	Soil-Clay	35
8	Shale	43
21	Lime	64
6	Shale	70
9	Lime	79
6	Sandy Shale	85
18	Lime	103
17	Shale	120
8	Sand	128
25	Lime	153
5	Shale	158
9	Sandy Shale	167
16	Shale	183
11	Lime	194
22	Shale	216
10	Lime	226
7	Shale	233
11	Lime	244
18	Shale	262
6	Lime	268
6	Shale	274
5	Lime	279
33	Shale	312
1	Lime	313
10	Shale	323
25	Lime	348
7	Shale	355
23	Lime	378
5	Shale	383
4	Lime	387
3	Shale	390
6	Lime	396
27	Shale	423
5	Sand & Sandy Shale	428
139	Shale	567
5	Lime	572
3	Shale	575
2	Lime	577
10	Shale	587
6	Lime	593

Johnson County, KS
Well:Evans # 8
Lease Owner:DE Exploration

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

Commenced Spudding:
2/1/17

16	Shale	609
3	Lime	612
14	Shale	626
3	Lime	629
24	Shale	653
1	Lime	654
70	Shale	724
6	Sand & Sandy Shale	730
116	Shale	846
7	Sand	853
14	Sandy Shale	867
53	Shale	920-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. 8

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. 8

Elevation 1011

Commenced Spuding 2-1 20 17

Finished Drilling 2-2 20 17

Driller's Name Wesley Bollard

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, 4930 ft.

Distance from E line, 180 ft.

3 sacks

10 hrs

5 5/8 borehole

2 7/8 casing

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
7 6¾" Set	21	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
842-		Seat nipple			
873.75		Baffle			
905.75		Float			
920	TD		2	7/8	

Thickness of Strata	Formation	Total Depth	Remarks
0-35	Soil - clay	35	
8	Shale	43	
21	Lime	64	
6	Shale	70	
9	Lime	79	
6	sandy shale	85	
18	Lime	103	
17	Shale	120	redbed
8	Sand	128	water
25	Lime	153	
5	Shale	158	
9	sandy shale	167	
16	Shale	183	
11	Lime	194	
22	Shale	216	
10	Lime	226	
7	Shale	233	
11	Lime	244	
18	Shale	262	
6	Lime	268	
6	Shale	274	
5	Lime	279	
33	Shale	312	
1	Lime	313	
10	Shale	323	
25	Lime	348	
7	Shale	355	

355

Thickness of Strata	Formation	Total Depth	Remarks
23	Lime	378	
5	Shale	383	
4	Lime	387	
3	Shale	390	
6	Lime	396	Hertha
27	Shale	423	
5	sand & sandy shale	428	no oil
139	shale	567	
5	Lime	572	
3	Shale	575	
2	Lime	577	
10	Shale	587	
6	Lime	593	
16	Shale	609	
3	Lime	612	
14	Shale	626	
3	Lime	629	
24	Shale	653	redbed
1	Lime	654	
70	Shale	724	
6	sand & sandy shale	730	no oil
116	Shale	846	
perf-7	sand	853	broken - mostly solid - good saturation
14	Sandy shale	867	
53	Shale	920	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# 809507

Invoice Date: 02/07/17 Terms: Net 30 Page 1

D.E. EXPLORATION

P.O. BOX 128
WELLSVILLE KS 66092
USA

7858834057

EVANS #8

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
CC5840	Poz-Blend I A (50:50)	110.000	13.5000	60.000	594.00
CC5965	*Bentonite*	285.000	0.3000	60.000	34.20
CC5326	Sodium Chloride, Salt	222.000	1.0000	60.000	88.80
CC6077	Kolseal	550.000	0.5000	60.000	110.00
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	60.000	18.00

Subtotal	4,651.25
Discounted Amount	2,790.75
SubTotal After Discount	1,860.50

Amount Due 4,814.44 If paid after 03/09/17

Tax:	65.28
Total:	1,925.78

CONSOLIDATED
Oil Well Services, LLC

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

7459 / T55

TICKET NUMBER 50383
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #809507

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-2-17	2356	Evans # 8	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		
467	Kri Car		
675	Kri Dal		
548	Avl McD		

JOB TYPE Long string. HOLE SIZE 5 7/8 HOLE DEPTH 920 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 905' DRILL PIPE Baffle @ TUBING @ 873 OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING
DISPLACEMENT 5.075 BBL DISPLACEMENT PSI MIX PSI RATE 4 BPM

REMARKS: Held safety meeting. Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump 110 sks Por Blend IA Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber Plug to Baffle in casing. Pressure to 800# PSI. Release pressure to set float valve. Shut in Casing.

TOS Drilling.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	467	1500.00	
CE0002	25 mi	MILEAGE	467	178.25	
CE0711	Minimum		548	660.00	
WE0853	2 hrs	80 BBL Vac Truck	675	200.00	
			Sub Total	2538.75	
			Less 60%		1015.50
CC5840	110 sks	Por Blend IA Cement		1485.00	
CC6965	285#	Bentonite Gel		85.50	
CC5326	222#	Salt		222.00	
CC6077	550#	Kol Seal		275.00	
CP 6176	1	2 1/2" Rubber Plug		45.00	
			Sub Total	2112.50	
			Less 60%		845.00
			7.726%	SALES TAX	65.38
				ESTIMATED TOTAL	1925.78

11214

Ravin 3737

AUTHORIZTION Bryan Kelly TITLE DATE (4814.44)

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.