KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1155770

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 # 34847
Name: Heavy Oil Treatment Solutions, LLC
Address 1: 1513 MUSTANG DR
Address 2:
City: BALDWIN CITY State: KS Zip: 66006 + __ __ __ __
Contact Person: Jim Mietchen
Phone: (785) 594-7100
CONTRACTOR: License # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: n/a
Purchaser: n/a

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

08/05/2013	08/08/2013	08/08/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-103-21376-00-00
Spot Description:
SW - SE - NE - NW Sec. 23 Twp. 12 S. R. 20 [x] East [ ] West
4125 Feet from [ ] North / [x] South Line of Section
3135 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Leavenworth
Lease Name: MINI-FARM Well #: 3
Field Name: Six Corners
Producing Formation: Shale
Elevation: Ground: 884 Kelly Bushing: 884
Total Depth: 895 Plug Back Total Depth: 854
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 854
feet depth to: 0 w/ 140 sx cmt.

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

Chloride content: 1900 ppm Fluid volume: 20 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

- [ ] Letter of Confidentiality Received
  Date:
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: Deanna Garrison Date: 08/22/2013

Side Two

1155770

Operator Name: Heavy Oil Treatment Solutions, LLC Lease Name: MINI-FARM Well #: 3

Sec. 23 Twp. 12 S. R. 20 ☑ East ☐ West County: Leavenworth

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma Ray/Neutron/CCL
Well Log

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

Name	Top	Datum
silty shale	840	
shale	898	
silty shale	895	

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	12.525	7	30	90.2	Class "A"	140	
production	5.875	2.875	30	854.4		140	

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	-			
	-			

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

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:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC

Longstring Well #3

TICKET NUMBER 42335
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/8/13		Mini Farm #3	NW 23	12	20	LN

CUSTOMER: Mini Farm Lease Fund
MAILING ADDRESS: 1513 Mustang Dr
CITY: Baldwin City | STATE: KS | ZIP CODE: 66006

TRUCK #	DRIVER	TRUCK #	DRIVER
481	CasKen	✓	Safety Meeting
666	KeiCar	✓	
558	MatCoo	✓	
675	KeiDet	✓	

JOB TYPE Longstring | HOLE SIZE 5 5/8" | HOLE DEPTH 895 | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 855' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT 4.95 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200# Premium Gel followed by 10 bbls fresh water, mixed & pumped 140 sks 70/30 Pozmix cement w/ 2% gel, + 1/4# Flo-seal per sk, cement to surface, flushed pump clear, pumped 2 1/2" rubber plug to casing TD w/ 4.95 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	45 mi	MILEAGE		189.00
5402	855'	casing footage		—
5407A	283.5	ton mileage		399.74
55C2C	3 hrs	80 Vac		270.00
1127	140 sks	70/30 Pozmix cement	13.35	1869.00
1118B	1460 #	Premium Gel		98.12
1107	35 #	Flo-seal		86.45
4402	1	2 1/2" rubber plug		29.50
		Paid on location Ck #1019		
			7.15%	SALES TAX 148.94
				ESTIMATED TOTAL 4175.75

Ravin 3737

AUTHORIZTION _____ 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

EVANS ENERGY DEVELOPMENT INC.
11 Lewis Drive Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

WELL LOG

Heavy Oil Treatment Solutions, LLC
Mini-Farms #3
API # 15-103-21,376
August 5 - August 8, 2013

Thickness of Strata	Formation	Total	
13	soil & clay	13	
5	broken lime, boulders	18	
31	sand & boulders	49	
27	sand,gravel,boulders	76	
9	silty shale	85	
1	sandstone	86	brown, no water
13	shale	99	grey
41	sandstone	140	hard white sand with few thin coal seams making water
11	lime	151	white
6	shale	157	grey
8	lime	165	white
15	shale	180	grey
16	lime	196	white
30	shale	226	grey
59	lime	285	white
28	shale	313	grey
12	lime	325	white
7	shale	332	grey
15	lime	347	white
19	shale	366	grey
25	lime	391	white & grey
6	shale	397	grey
21	lime	418	white
7	shale	425	grey & black
24	lime	449	white
2	shale	451	grey
3	lime	454	white
3	shale	457	grey
10	lime	467	white
		467	base of the Kansas City
6	shale	473	grey & brown
2	sand	475	green, no gas
134	shale	609	grey
5	silty shale	614	green
11	shale	625	green
4	lime	629	tan
8	shale	637	black & grey
1	coal	638	black

7	shale	645	grey
6	lime	651	white & tan
17	shale	668	green
2	lime	670	white
2	shale	672	grey
1	coal	673	black
5	shale	678	grey
8	lime	686	white
34	shale	720	black
5	shale	725	green
4	broken sand	729	brown & green, light show, gassy
3	limey sand	732	green & white, no show, gassy
7	broken sand	739	brown & green, light show, gassy
3	oil sand	742	brown, light bleeding, gassy
4	broken sand	746	brown & green, light show, gassy
4	oil sand	750	light grey & brown sand, light bleeding
1	broken sand	751	green sand & grey, no show
4	oil sand	755	grey sand, no show
3	broken sand	758	whale & grey sand, light bleeding
1	oil sand	759	grey sand, ok bleeding
4	broken sand	763	grey sand & grey shale, no show
1	oil sand	764	grey sand, light bleeding
2	grey sand	766	no show
1	broken sand	767	grey sand & green shale, no show
5	oil sand	772	grey sand, ok bleeding
4	silty shale	776	grey
4	oil sand	780	light grey, minimal bleeding
2	silty shale	782	grey
12	oil sand	794	grey sand, no bleeding, light odor
3	broken sand	797	grey sand & green shale, no bleeding
1	silty shale	798	grey
1.5	sand	799.5	grey, no bleeding
3.5	silty shale	803	grey
8	sand	811	grey, hard, no show
2	silty shale	813	grey
11	sand	824	grey, no oil
2	shale	826	grey
1	coal	827	
4	shale	831	black
5	sand	836	grey
4	silty shale	840	grey & black
49	shale	889	grey, green & black
6	silty shale	895	green

Drilled a 12 1/4" hole to 90.2'
Drilled a 5 5/8" hole to 895'

Set 90.2' of 7" surface casing cemented by Consolidated Oil Well Services.

Set 854.4' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.