



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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				

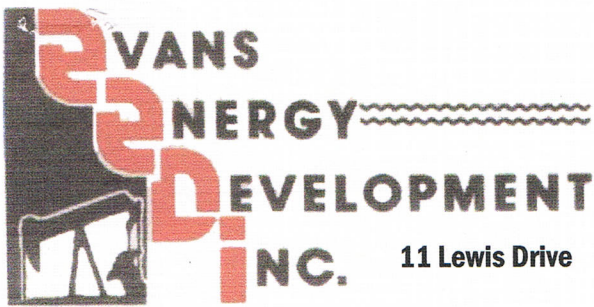
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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 #2

API # 15-103-21,375

July 30 - August 2, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
15	soil & clay	15
17	broken lime, boulders	32
39	sand & gravel, boulder	71
3	gravel, boulders	74
2	silty shale	76
17	shale	93
10	silty, sandy shale	103
4	limey sand	107
36	sandstone	143 white, making water
6	shale	149
11	lime	160
6	shale	166
6	lime	172
8	shale	180
4	sandstone	184
5	shale	189
16	lime	205
29	shale	234
27	lime	261
1	shale	262
32	lime	294 oil show, white lime
29	shale	323
4	lime	327
4	shale	331
3	lime	334
7	shale	341
14	lime	355
18	shale	373
16	lime	389
2	shale	391
15	lime	406
3	shale	409
16	lime	425
9	shale	434
22	lime	456 white
4	shale	460 black
3	lime	463 white
3	shale	466 grey
10	lime	476 off white, base of the Kansas City

4	shale	480 grey
6	silty shale	486 green
4	sand	490 hard, green sand
114	shale	604 grey
6	shale	610 red, caving off bad
23	shale	633 green
8	lime	641 tan
5	shale	646 grey
1	coal	647 black
6	shale	653 green
7	lime	660 tan
18	shale	678 grey & green
4	lime	682 tan
1	shale	683 black
1	coal	684 black
5	shale	689 black
6	lime	695 tan
39	shale	734 grey & green
5	broken sand	739 light brown sand & green shale, light odor and bleeding, gassy
4	limey sand	743 green
10	broken sand	753 light brown & green, gassy, light oil show
3	oil sand	756 light brown, minimal odor, no bleeding
2	shale	758
5	oil sand	763 light brown, light odor
1	silty shale	764 grey
3	oil sand	767 grey sand, good bleeding
0.5	shale	767.5 grey
2.5	oil sand	770 grey, oil sand, good bleeding
0.5	shale	770.5 grey
2.5	oil sand	773 grey, oil sand, ok bleeding
1.5	silty shale	774.5 grey
1	broken sand	775.5 grey oil sand & grey shale, light bleeding
1	silty shale	776.5 grey
1.5	broken sand	778 grey oil sand & grey shale, light bleeding
3	silty shale	781 grey
2	oil sand	783 grey sand, light bleeding
8	shale	791 grey
4	grey sand	795 grey sand, no oil
11	oil sand	806 grey sand, ok bleeding
2	silty shale	808 grey
3	grey sand	811 no oil
3	silty shale	814 grey
3	grey sand	817 no oil
21	silty shale	838 grey
1	coal	839 black
4	shale	843 grey
5	sand	848 grey, no show
1	silty shale	849 grey & green

71	shale	920 grey & black
1	coal	921 black
25	shale	946
1	lime	947
8	silty shale	955 green
13	black shale	968
5	silty shale	973 white & black
7	sand	980 white & green
35	shale	1015 grey
2	sand	1017 grey
9	shale	1026 grey
11	sand	1037 grey & white, hard
4	silty shale	1041 grey
22	shale	1063 grey
1	coal	1064
4	shale	1068 black & grey
2	sand	1070 white
1	shale	1071 black
5	sand	1076 white
12	shale	1088 grey
23	silty shale	1111 grey & white
1	coal	1112 black
15	silty shale	1127 grey & white
13	shale	1140 black
		1140 TD

Drilled a 12 1/4" hole to 83.7'
 Drilled a 5 5/8" hole to 1,140'

Set 83.7' of 7" surface casing cemented by Consolidated Oil Well Services.

Set 1,109' of 2 7/8" 8 round upset tubing including 5 centralizers, 1 float shoe, 1 clamp.

Core Times					
	<u>Minutes</u>	<u>Seconds</u>		<u>Minutes</u>	<u>Seconds</u>
765		35	803	1	4
766		54	804		56
767		53	805		48
768		36	806		41
769		32	807		43
770		33	808		37
771		36	809		38
772		47	810		40
773	1	0	811		46
774		49	812		52
775		43	813		44
776		49	814		40
777		50	815		42
778		49	816		45
779		38	817		43
780		35	818	1	0
781		36	819		48
782		40	820		49
783		45	821		54
784		30	822		52



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 42268
LOCATION Ottawa, KS
FOREMAN Carey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/21/13		Mini Farm #	N11W23	12	20	LV
CUSTOMER Mini Farm Lease Fund						
MAILING ADDRESS 1513 Mustang Dr						
CITY Baldwin City		STATE KS	ZIP CODE 66006			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			481	Cooken	✓	Safety Meeting
			1666	KeiCar	✓	
			558	JDRidas	✓	
			3675	McIntosh	✓	

JOB TYPE surface HOLE SIZE 9 7/8" HOLE DEPTH 90' CASING SIZE & WEIGHT 7"
 CASING DEPTH 90' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10'
 DISPLACEMENT 3.3 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation mixed & pumped 70 sls class "A" cement w/ 2% gel + 2% Calcium Chloride per sk, cement to surface, displaced cement w/ 3.3 bbls fresh water, shut in casing.

PK

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
51015	1	PUMP CHARGE		870.00
5106	45 mi	MILEAGE		189.00
5402	90'	casing footage		—
5407	minimum	fuel mileage		3128.09
5502C	3 hrs	80 Vac		270.00
1104C	70 sls	Class "A" cement		1099.00
1115B	332 #	Premium Gel		73.04
1102	132 #	Calcium Chloride		102.96
		Paid check # 1015		
		<i>PK</i>		
			2.15%	SALES TAX
				91.16
				ESTIMATED TOTAL
				3063.16

AUTHORIZATION [Signature] 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