



KANSAS CORPORATION COMMISSION 1151799
OIL & GAS CONSERVATION DIVISION

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 # _____

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

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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

259359

TICKET NUMBER 41964

LOCATION Ottawa KS

FOREMAN Fred Mader

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
6-6-13	3392	Donovan # 7	NE 28	14	22	JO

CUSTOMER <u>D + Z Exploration</u>		
MAILING ADDRESS <u>901 W Elm St</u>		
CITY <u>St Elmo</u>	STATE <u>IL</u>	ZIP CODE <u>62458</u>

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mader		
495	Kie Gar		
369	Dermas		
503	Boadett		

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>970</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>
CASING DEPTH <u>934</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>2 1/2" Plug</u>
DISPLACEMENT <u>5.4380</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>5BPM</u>

REMARKS: Hold crew meeting. Establish circulation. Mix + Pump 100# Gel
Flush. Mix + Pump 124 SKS 50/50 Poz Mix Cement 2% Gel 5%
Salt 5# Kol Seal/sk. Cement to surface. Flush pump + lines
clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to
800 # PSI. Release pressure to set Float Valve. Shut in casing.

Evans Energy Dev.

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402	934	Casing Footage		416
5407	Minimum	Ton Miles	503	368 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck	369	180 ⁰⁰
1124	124 SKS	50/50 Poz Mix Cement		1426 ⁰⁰
1118B	309#	Premium Gel		67 ⁹⁸
1111E	240#	Granulated Salt		93 ⁶⁰
1110A	620#	Kol Seal		285 ²⁰
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.525%	SALES TAX
				ESTIMATED TOTAL
				143 ¹⁵
				3804 ⁴³

completed

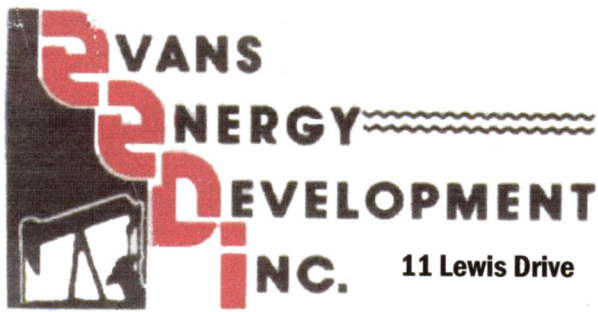
Ravin 3737

AUTHORIZATION Dope Bolder

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



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

D & Z Exploration, Inc.

Donovan #7

API # 15-091-23,832

June 4 - June 6, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
14	sandstone	20
8	sandy shale	28
19	shale	47
2	lime	49
17	shale	66
5	lime	71
4	shale	75
17	lime	92
6	shale	98
9	lime	107
8	shale	115
18	lime	133
18	shale	151
19	lime	170
7	shale	177
54	lime	231
22	shale	253
10	lime	263
16	shale	279
10	lime	289
3	shale	292
11	lime	303
44	shale	347
8	lime	355
4	shale	359
14	lime	373
6	shale	379
24	lime	403
10	shale	413
15	lime	428 base of the Kansas City
165	shale	593
4	lime	597
15	shale	612
5	lime	617
16	shale	633
4	lime	637

11	shale	648
6	lime	654
39	shale	693
10	sand	703
54	shale	757
9	broken oil sand	766 brown & grey, ok bleeding
17	shale	783
1	coal	784
3	shale	787
3	lime	790
3	shale	793
7	sand	800
18	shale	818
4	sand	822 green, no oil
11	shale	833
5	sand	838 grey, no oil
34	shale	872
3	limey sand	875 brown & white, few bleeding seams
1	limey sand	876 white, no oil
1	limey sand	877 brown & white, 90% oil sand
2	oil sand	879 brown, 100% bleeding
4.5	broken sand	883.5 brown & white, 90% bleeding sand
86.5	shale	970 TD

Drilled a 9 7/8" hole to 22.7'

Drilled a 5 5/8" hole to 970'

Set 22.7' of 7" surface casing cemented with 6 sacks of cement.

Set 930' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

Core Times		
	<u>Minutes</u>	<u>Seconds</u>
872		43
873		27
874		50
875	1	8
876		45
877		40
878		36
879		35
880		45
881		32
882		40
883		41
884	1	1
885	1	4
886	1	12
887		59
888	1	1
889	1	3
890	1	6
891	1	10
892		24