



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

260105

TICKET NUMBER 42085

LOCATION Ottawa KS

FOREMAN Fred Maden

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
6-27-13	6370	Sawyer # 15-I	SW 29	14	22	Jo

CUSTOMER <u>Petroleum Technology Inc.</u>		
MAILING ADDRESS <u>801 W 47th St Ste 412</u>		
CITY <u>Kansas City</u>	STATE <u>Mo</u>	ZIP CODE <u>64112</u>

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Har Bar		
369	Der Mas		
548	Miklha		

JOB TYPE <u>Long string</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>904</u>	CASING SIZE & WEIGHT <u>2 7/8 EUE</u>
CASING DEPTH <u>829.0</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>2 1/2" Plug</u>
DISPLACEMENT <u>5.17 BBL</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>5 BPM</u>

REMARKS: Hold crew meeting. Establish pump rate mix + pump 100[#] Gel Flush. Mix + Pump 5ks 50/50 Poz Mix Cement 2 1/2" Gel 1/4" Flo Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to 800[#] PSI. Hold + Monitor pressure for 30 min MIT. Release pressure to set float valve. Shut in casing.

Evans Energy Dev. Inc

Fred Maden

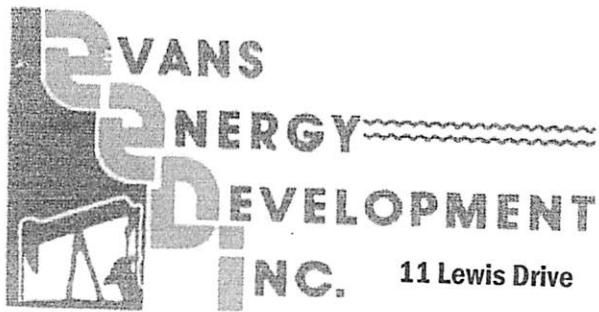
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402	889'	Casing footage		NIC
5407	Minimum	Ten Miles		368 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck		180 ⁰⁰
1124	113 sks	50/50 Poz Mix Cement		1299 ²⁰
118B	290 [#]	Premium Gel		63 ⁵⁰
1107	29 [#]	Flo-Seal		71 ⁶³
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.525%	SALES TAX 110 ²⁰
				ESTIMATED TOTAL 3333 ⁶³

completed

Ravin 3737

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.



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

Petroleum Technologies, Inc.

Sawyer #15i

API #15-091-24,147

June 26 - June 27, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil & clay	11
8	shale	19
5	lime	24
2	shale	26
16	lime	42
8	shale	50
8	lime	58
10	shale	68
21	lime	89
19	shale	108
26	lime	134
6	shale	140
10	lime	150
6	shale	156
37	lime	193
18	shale	211
7	lime	218
20	shale	238
7	lime	245
4	shale	249
8	lime	257
31	shale	288
4	lime	292
9	shale	301
8	lime	309
3	shale	312
16	lime	328
7	shale	335
24	lime	359
3	shale	362
4	lime	366
5	shale	371
6	lime	377 base of the Kansas City
40	shale	417
5	sand	422 grey & green (gassy)
126	shale	548
6	lime	554
3	shale	557
1	lime	558

9	shale	567
6	lime	573
15	shale	588
4	lime	592
42	shale	634 red
1	lime	635
85	shale	720
3	broken sand	723 brown & shale, ok bleeding
8	oil sand	731 brown, ok bleeding
3	silty shale	734
1	coal	735
31	shale	766
1	coal	767
64	shale	831
1	limy sand	832
2	friable sand	834 brown, good bleeding
2	broken sand	836 90% hard brown sand, 10% lime
2	oil sand	838 brown sand, good bleeding
2	broken sand	840 80% black sand, 20% silty shale, good bleeding
3	broken sand	843 40% sand, 60% shale, light bleeding
3	silty shale	846
58	shale	904 TD

Drilled a 9 7/8" hole to 22.5'

Drilled a 5 5/8" hole to 904'

Set 22.5' of 7" casing threaded and coupled, cemented with 6 sacks cement.

Set 889' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.