



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1114821

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 Date Reached TD Completion Date or
Recompletion Date 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: _____

1114821

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 ☐ 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:

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

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

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

DRILL LOG

Operator License# 33741

API # 15-059-26195-00-00

Operator Enerjex Kansas

Lease Name Alexander

Address 27 Corporate Woods, #350

Well # RSP AL 14

Phone 913-754-7754

Spud Date 8/28/12 Cement 9/20/12

Contractor License # 32834

Contractor JTC Oil, Inc.

T.D. 780 T.D. of Pipe 756

3 sacks cement

Surf. Pipe Size 7" Depth 20ft

County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	30	lime	236	266
3	clay	2	5	8	black shale	266	274
1	lime	5	6	26	lime	274	300
15	shale	6	21	3	coal	300	303
19	lime	21	40	12	lime	303	315
79	shale	40	119	155	shale	315	470
25	lime	119	144	8	lime	470	478
20	shale	144	164	8	shale	478	486
5	lime	164	169	17	lime	486	503
4	red bed	169	173	5	shale	503	508
38	shale	173	211	13	sand	508	521
15	lime	211	226	15	shale	521	536

16	shale	226	236	3	coal	536	539
				8	shale	539	547
				8	lime	547	555
				14	shale	555	569
				9	lime	569	578
				14	black shale	578	592
				11	lime	592	603
				12	shale	603	615
				2	lime	615	617
				3	coal	617	620
				5	lime	620	625
				1	lime oil	625-626	ok
				2	lime oil	626-628	vgood
				2	lime oil	628-630	vgood
				2	lime oil	630-632	vgood
				8	coal	632-640	
				16	sand	640-656	
				36	shale	656-692	
				9	black shale	692-701	
				2	oil sand	701-703	good
				2	oil sand	703-705	vgood
				2	oil sand	705-707	good

2 shale 707-709 broken

91 shale 709-780end



FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 36529
LOCATION Ottawa, Ks
FOREMAN Jim Green

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
09-20-12	2579	Alexander #14	SW 1/4 29	18S	21E	FR
CUSTOMER Energen Resources						
MAILING ADDRESS 27 corpwood sur 300 10975 Grandview Rd						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
Overland Park	Ks.	66210	662	Jim Gier	503	Dan Per
			495	Har Bet		
			675	Ken Per.		
			558	Bre Mon		

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>5 1/8</u>	HOLE DEPTH <u>780</u>	CASING SIZE & WEIGHT <u>2 3/8"</u>
CASING DEPTH <u>760</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____
REMARKS: <u>Held crew meeting. Establish circulation. Mix and pump 100 "60L</u> <u>to flush hole. Mix and pump 118 sk 70/30 Poz mix cement with 2% bul</u> <u>5% Salt, 5 1/2" Pheno Seal. Circulated cement to surface. Flush pump</u> <u>clear of cement. Pump 2 3/8" rubber plug to total depth of casing. Pressure</u> <u>upto 860" PSI. Well held good. Set Plug.</u>			

[illegible]

Rayin 3737

AUTHORIZATION

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

253142