



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100348
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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



1100348

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 13, 2012

DUSTY RHOADES
Reilly Oil Company, Inc.
PO BOX 277
WAKEENEY, KS 67672-0277

Re: ACO1
API 15-065-23851-00-00
C & T 1-16
NE/4 Sec.16-10S-25W
Graham County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
DUSTY RHOADES

6001

PERMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE 8/4/12	SEC. 11-10-25	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE C&T			WELL # 1-14		COUNTY GH	STATE KS

CONTRACTOR WNV6	OWNER K&I		
TYPE OF JOB			
HOLE SIZE	T.D.	CEMENT	
CASING SIZE 7 5/8	DEPTH 208 ft.	AMOUNT ORDERED	
TUBING SIZE	DEPTH		
DRILL PIPE	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON	165 @ 15.00
DISPLACEMENT	SHOE JOINT	POZMIX	@
CEMENT LEFT IN CSG.		GEL	3 @ 26.00
PERFS		CHLORIDE	5 @ 52.00
		ASC	@
EQUIPMENT			@
			@
PUMP TRUCK			@
# by Lewis			@
BULK TRUCK			@
# Eric Yankovich			@
BULK TRUCK			@
#			@
			@
		HANDLNG	173 @ 2.15
		MILEAGE	310 @ 15.50
		TOTAL	

REMARKS	SERVICE		
	DEPT OF JOB	@	
Plug down @ 4:30pm	PUMP TRUCK CHARGE	@	1050
	EXTRA FOOTAGE	@	
circulate cement top ft	MILEAGE	@	1650
	MANIFOLD	@	
	light vehicle 2172	@	200
	TOTAL		

CHARGE TO:	
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
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Diamond Testing

General information Report

General Information

Company Name Reilly Oil Company, Inc.

Contact	Dusty Rhoades	Job Number	S0193
Well Name	C & T No. 1-16	Representative	Jacob McCallie
Unique Well ID	DST #1 Toronto 3748-3786'	Well Operator	Reilly Oil Company, Inc.
Surface Location	SEC 16-10S-25W Graham County	Report Date	2012/08/08
Well License Number		Prepared By	Jacob McCallie
Field	Elrick		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Toronto 3748-3786'		
Well Fluid Type	06 Water	Start Test Time	21:28:00
		Final Test Time	02:35:00
Start Test Date	2012/08/07		
Final Test Date	2012/08/08		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
786' SOS Muddy WTR 98% WTR 2% MUD
786' TOTAL FLUID

PH: 7
RW: .26 @ 70 degrees F
CHLORIDES: 27,000 ppm

TOOL SAMPLE:
2% OIL 70% WTR 28% MUD

Testing

General Information

Company Name Reilly Oil Company, Inc.

Contact	Dusty Rhoades	Job Number	S0194
Well Name	C & T No. 1-16	Representative	Jacob McCallie
Unique Well ID	DST # 2 Lansing C 3808-3827'	Well Operator	Reilly Oil Company, Inc.
Surface Location	SEC 16-10S-25W Graham County	Report Date	2012/08/08
Well License Number		Prepared By	Jacob McCallie
Field	Elrick		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	Lansing C 3808-3827'		
Well Fluid Type	01 Oil	Start Test Time	10:33:00
		Final Test Time	15:10:00
Start Test Date	2012/08/08		
Final Test Date	2012/08/08		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED		
3'	SOS DM	100% DM
3'	TOTAL FLUID	

TOOL SAMPLE:
100% DM

Diamond Testing

General information Repo

General Information

Company Name Reilly Oil Company, Inc.

Contact	Dusty Rhoades	Job Number	S0195
Well Name	C & T No. 1-16	Representative	Jacob McCallie
Unique Well ID	DST #3 Lansing E-F 3855-3874'	Well Operator	Reilly Oil Company, Inc.
Surface Location	SEC 16-10S-25W Graham County	Report Date	2012/08/09
Well License Number		Prepared By	Jacob McCallie
Field	Elrick		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	22:18:00
Formation	DST #3 Lansing E-F 3855-3874'	Final Test Time	03:31:00
Well Fluid Type	01 Oil		
Start Test Date	2012/08/08		
Final Test Date	2012/08/09		
Gauge Name			
Gauge Serial Number	30035		

Test Results

RECOVERED:
15' Mud 100% MUD
15' TOTAL FLUID

TOOL SAMPLE:
4% WTR 96% MUD

A.P.T.# 15-065-23851-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Reilly Oil Company, Inc.
LEASE C+T #1-16
FIELD Elrick
LOCATION 2298' ENL + 1525' FEL
SEC 16 TWSP 10S RGE 25W
COUNTY Graham STATE Kansas

ELEVATION
KB 2510'
DF 2508'
GL 2505'
Depths Measured From
Log KB Drilling KB

CONTRACTOR WWD Drilling Rig #6
SPUD 8-4-12 COMP 8-10-12
SAMPLES SAVED FROM 3550' TO R.T.D.

CASING
Surface 8 5/8" @ 210'
Production None

ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				•	•		
Anhydrite	2133	2133	+ 377	+ 374			
Base Anhydrite	2173	2173	+ 337	+ 337			
Topeka	3534	3535	-1025	-1027	-1023		
Heebner	3751	3752	-1242	-1240	-1235		
Toronto	3776	3777	-1267	-1265	-1250		
Lansing	3794	3797	-1287	-1284	-1280		
Base Kansas City	4023	4024	-1514				
Total Depth	4045	4047	-1537	-1466	-1485		

REFERENCE WELLS

- A Empire Drlg Co & NCRA Schreiner #1, E/2-NE-SF 16-10S-25W
- B Empire Drlg Co., Knoll #2, S/2-SF-NE sec 16-10S-25W
- C
- D

REMARKS

This well ran 3 to 7 feet lower on the kansas top than the reference wells. Due to lower structural position and unfavorable D.S.T. results, it was determined no further testing was warranted. The well was plugged and abandoned.

Richard B. Bell
8-11-12

7502

LEGEND

- 

Anhydrite
- 

Salt
- 

Sandstone
- 

Shale
- 


Carb sh
- 

Limestone
- 

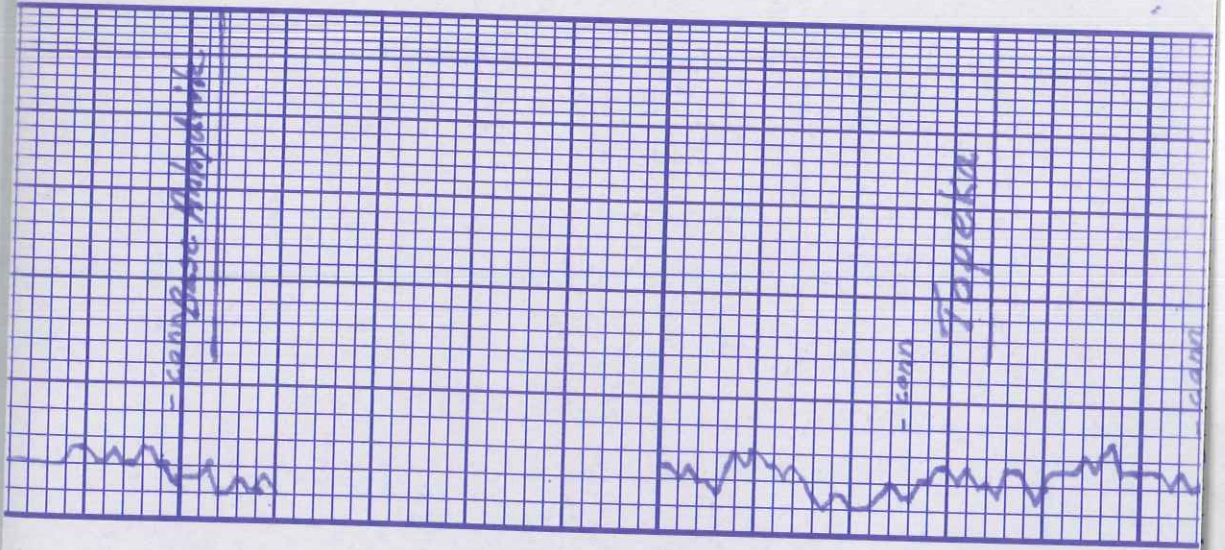
Ool. Lime
- 

Chert
- 

Dolomite

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
<p>DRILLING TIME IN MINUTES PER FOOT</p> <p>Rate of Penetration Decreases</p> 	<p>2120</p> <p>40</p>		<p>OIL SHOWS</p>

LOG 7710



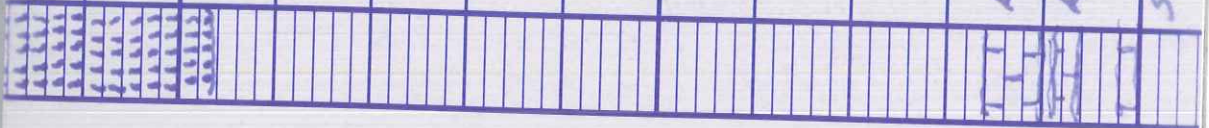
60

80

3500

20

40



As: wh-tn cky-fxh dns

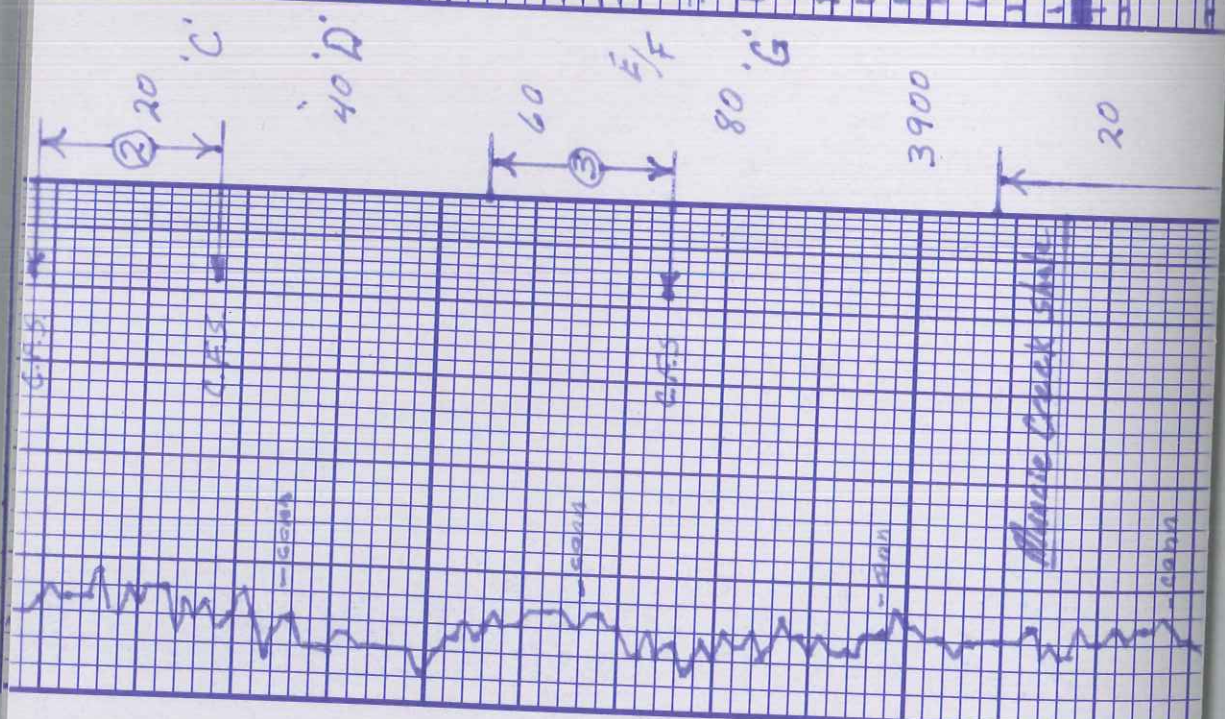
As: tn-gry fs18 dns

Sh: gry + brn

Samples are legged
good samples



60	LS: wh - tr cky - fsh sli. 001 pr. pp φ N.S.O.
80	LS: wh - tr cky - fsh oöl Trgd pp φ N.S.O. LS: brn mly - ben shly No Vis φ
3600	LS: tr - gry fsh dns
20	LS: wh - tr cky - fsh oöl pp φ N.S.O. ack.
40	LS: wh - tr cky - fsh oöl pp φ N.S.O. sh: blk carb LS: wh - brn mly fsh dns SS: gry shly k. fa gn cen ingran φ N.S. a. Sh: brn shly φ gry
80	LS: wh - tr cky - fsh oöl - Tr oöl c, indert φ N.S. Tr. glauc spks Tr. a.



IF: wk blow died in 2 min
 FF: No blow
 Recovery: 3' 50 cm
 100% Mud
 Hyd: 1837-1837 #
 FP: 6-7 / 7-8 #
 BHP: 35-21 #
 BHTemp: 113°F

DST#3 3855-3874'
 30-30-30-30
 IF: wk surface blow
 FF: No blow
 Recovery: 15' Mud
 Hyd: 1850-1848 #
 FP: 7-19 / 20-28 #
 BHP: 473-471 #
 BHTemp: 113°F

DST#4 3908-3982'
 30-45-30-45
 IF: wk blow died in 2 min
 FF: No blow
 Recovery: 15' Mud
 51.0 Spks
 Hyd: 1905-1903 #
 FP: 8-22 / 23-28 #
 BHP: 70-51 #

Sh: brn, gry

LS: wh. to fxl, ool, pp, phi, Tr.
 Vgy phi, Lt. O Sat. pp floating
 F.O. gd odor, Lt. Sh

Sh: brn, gry

LS: wh. to cky-fxl, ool, pp, phi
 Lt. O stn, P.F.O. on
 crushing fr. odor
 Lt. sa. Tr. floating, F.O.

Sh: gry, brn

LS: gry, ls, f. dns
 Lt. wh. to cky-fxl, Tr.
 Vgy phi, Lt. O stn, P.F.O.
 on crushing, strong odor
 Lt. wh. gry

LS: wh. to cky-fxl, ool
 Tr. pp, phi, Lt. sat, O
 Stn N.F.O.

LS: wh. - crm - Lt. gry
 fxl, dns

Sh: blk carb
 Lt. stn - gry, mlt, fxl, dns

Sh: brn, gry, grn

BH Temp: 118°F



40	H	<p>VSY ϕ Lt. Sptd ϕ Stn R. Tr. P.P. F.G. on crushing Δ white pyritic LS: tn fs lf dns</p>
60	I	<p>LS: wh-tn, sli. cky - fs lf ground. fr. sptd ϕ Stn Tr. fily diss ϕ Tr. blk asph. sPKS Tr. Lt ϕ sat pr. pp ϕ</p>
80	J	<p>LS: wh-tn fx ln ool pp ϕ - in part ϕ Lt. ϕ St. Tr. fr. ϕ Stn pp floating F.G. tr odor</p>
4000	K	<p>Sh: gry + brn LS: wh-tn fx ln Tr: sli. ool mostly dns Tr: tary - asph Stn Δ white ϕ</p>
20	L	<p>Sh: brn s lby LS: wh-tn. Lt. gry Tr. cky - fx ln dns N.S. ϕ. Δ looks like its from above</p>
40		<p>Sh: gry, brn Shly SS: brn v. fn. gn consid in gran ϕ N.S. ϕ. LS: wh-tn - gry fx ln dns N.S. ϕ</p>