

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32686
Name: Reilly Oil Company, Inc.
Address 1: PO Box 277
Address 2: _____
City: WaKeeney State: Ks Zip: 67672 + _____
Contact Person: Dusty Rhoades
Phone: (785) 743-6774
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Richard Bell
Purchaser: None
Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
 Dry ____ Other _____
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) Docket No.: _____
3/30/2009 4/04/2009 4/06/2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23802-00-00
Spot Description: _____
NE SE NE Sec. 18 Twp. 7 S. R. 19 East West
2120 Feet from North / South Line of Section
80 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Witmer-Berland Well #: 1-18
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2000 Kelly Bushing: 2005
Total Depth: 3550 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 207 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 PA AH II NCR
(Data must be collected from the Reserve Pit) 12-3-09
Chloride content: 41,000 ppm Fluid volume: 1800 bbls
Dewatering method used: Air Dry - Back fill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Dusty Rhoades
Title: President Date: 11/24/2009
Subscribed and sworn to before me this 24th day of November,
20 09.
Notary Public: Mitzi Fagan
Date Commission Expires: 03-30-13

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
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Operator Name: Reilly Oil Company, Inc. Lease Name: Witmer-Berland Well #: 1-18
 Sec. 18 Twp. 7 S. R. 19 East West County: Rooks

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density/Neutron Log Dual Induction Log Micro Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached Sheet
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CASING RECORD <input checked="" 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
Surface	12 1/4	8 5/8	20	207	Common	160	3% cc, 2% gel

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	
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> _____	
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 <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 <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold;">RECEIVED</div>
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REILLY OIL COMPANY, INC.
PO BOX 277
WAKEENEY, KANSAS 67672
PH 785-743-6774

Witmer-Berland # 1-18
2120' FNL & 80' FEL
Section 18-7s-19w
Rooks County, Kansas

Formation	Log Tops	Datum
Top Anhydrite	1521	+ 484
Base Anhydrite	1555	+ 450
Topeka	2959	- 954
Heebner	3158	- 1153
Toronto	3181	- 1176
Lansing	3197	- 1192
Base Kansa City	3403	- 1398
Conglomerate	3452	- 1447
Arbuckle	3484	- 1479
Reagan Sand	3514	- 1509
RTD	3550	- 1545
LTD	3550	- 1545

Dst # 1 – 3107-3154 – Oread – Topeka

Misrun – Hit Bridge @ 1150'

Dst # 2 – 3107-3154 – Oread – Topeka

Open 30 minutes
Shut-in 60 minutes
Open 45 minutes
Shut-in 90 minutes
Recovered:
310' Total fluid

IHP – 1502 psi
IFP – 27-102 psi
ISIP – 869 psi
Temperature:

Strong blow bottom bucket 25 minutes
Weak surface blow
Strong blow bottom bucket 35 minutes
Weak surface blow
310' muddy gassy salt water

FHP – 1448 psi
FFP – 104-167 psi
FSIP – 867 psi
99°

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Dst # 3 – 3159-3194 – Toronto

**Open 30 minutes
Shut-in 30 minutes
Open 30 minutes
Shut-in 45 minutes
Recovered:
125' Total fluid**

**Weak built to ¾ inch
No blow back
Weak surface blow
No blow back
125' watery mud**

**IHP – 1559 psi
IFP – 22-58 psi
ISIP – 600 psi
Temperature:**

**FHP - 1508 psi
FFP – 57-82 psi
FSIP – 595 psi
95°**

Dst # 4 – 3226-3250 – Lansing-Kansas City “C”

**Open 30 minutes
Shut-in 30 minutes
Open 30 minutes
Shut-in 45 minutes
Recovered:
150' total fluid**

**Weak building to 1.5 inches
No blow back
Weak building to 1/8 inches
No blow back
150' muddy water**

**IHP – 1569 psi
IFP – 25-78 psi
ISIP – 865 psi
Temperature:**

**FHP – 1534 psi
FFP – 81-96 psi
FSIP – 862 psi
102°**

Dst # 5 – 3249-3290 – Lansing-Kansas City “D, E, & F”

**Open 30 minutes
Shut-in 30 minutes
Open 30 minutes
Shut-in 45 minutes
Recovered:
150' total fluid**

**Weak built to 1.5 inches
No blow back
Weak built to .5 inch
No blow back
120' muddy water, 30' mud**

**IHP – 1611 psi
IFP – 31-91 psi
ISIP – 823 psi
Temperature:**

**FHP – 1557 psi
FFP – 93-118 psi
FSIP – 837 psi
98°**

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Dst # 6 – 3316-3380 – Lansing-Kansas City “H,I, & J “

**Open 30 minutes
Shut-in 30 minutes
Open 30 minutes
Shut-in 30 minutes
Recovered:
5' total fluid**

**Weak surface blow
No blow
No blow
No blow
5' mud**

**IHP – 1607 psi
IFP – 26-28 psi
ISIP – 113 psi
Temperature:**

**FHP – 1589 psi
FFP – 29-31 psi
FSIP – 53 psi
92°**

Dst # 7 – 3450-3470 – Conglomerate Sand

**Open 30 minutes
Shut-in 30 minutes
Open 30 minutes
Shut-in 30 minutes
Recovered:
5' total fluid**

**Weak died in 25 minutes
No blow
No blow
No blow
5' oil cut mud**

**IHP – 1701 psi
IFP – 25-31 psi
ISIP – 530 psi
Temperature:**

**FHP – 1673 psi
FFP – 30-34 psi
ISIP – 326 psi
98°**

Dst # 8 – 3451-3480 – Arbuckle

**Open 8 minutes
Tripped out of hole
Recovered:
240' total fluid**

**Weak blow – lost packer seat

240' mud with oil spots**

**IHP – 1672 psi
IFP – 26-31 psi
ISIP – none**

**FHP – 1633 psi
FFP – none
FSIP - none**

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REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

343

DATE <u>3/28/09</u> SEC. <u>18</u>	RANGE/TWP. <u>7/19</u>	CALLED OUT	ON LOCATION <u>12:00 PM</u>	JOB START	JOB FINISH
LEASE <u>Witmer - Berland Unit</u>		WELL # <u>1-18</u>		COUNTY <u>Butk</u>	STATE <u>KS</u>

CONTRACTOR <u>W W X</u>	OWNER <u>Reilly Oil Company Inc</u>			
TYPE OF JOB <u>Surface</u>				
HOLE SIZE <u>Ø 17 1/4</u>	T.D. <u>208</u>	CEMENT		
CASING SIZE	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<u>160</u>	@ <u>14.50</u> <u>2320.00</u>
DISPLACEMENT <u>12.5661</u>	SHOE JOINT	POZMIX		@
CEMENT LEFT IN CSG.		GEL	<u>3</u>	@ <u>76</u> <u>78</u>
PERFS		CHLORIDE	<u>5</u>	@ <u>52</u> <u>260</u>
		ASC		@
EQUIPMENT				@
				@
PUMP TRUCK				@
# <u>Torrid</u>				@
BULK TRUCK				@
# <u>Dave</u>				@
BULK TRUCK				@
#				@
				@
		HANDLING	<u>168</u>	@ <u>19</u> <u>3276.00</u>
		MILEAGE	<u>57</u>	@ <u>15.1</u> <u>861.91</u>
				TOTAL

REMARKS	SERVICE <u>Surface</u>		
<u>Core cement to pit</u>	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	<u>95.00</u>
	EXTRA FOOTAGE	@	
<u>Plug Down @ 2:00 PM</u>	MILEAGE <u>57</u>	@ <u>6.50</u>	<u>370.50</u>
	MANIFOLD	@	
		@	
		@	
		TOTAL	

CHARGE TO: <u>Reilly Oil Co.</u>	
STREET	STATE
CITY	ZIP

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To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE [Signature] PRINTED NAME Seid Datscher

