

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

ORIGINAL

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: Herb Deines  
Purchaser: NCRA

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.: \_\_\_\_\_  
12/26/2008 1/02/2009 1/23/2009  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 15-163-23787-00-00  
Spot Description: \_\_\_\_\_  
w/2 NE NE NE Sec. 29 Twp. 7 S. R. 20w  East  West  
330 Feet from  North /  South Line of Section  
600 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rooks  
Lease Name: Berland Well #: 1-29  
Field Name: wildcat  
Producing Formation: Toronto - Lansing-Kansas City  
Elevation: Ground: 2058 Kelly Bushing: 2063  
Total Depth: 3600 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 217 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1677 Feet  
If Alternate II completion, cement circulated from: 1677  
feet depth to: surface w/ 300 sx cmt.

Drilling Fluid Management Plan AH II NR 10-5-09  
(Data must be collected from the Reserve Pit)  
Chloride content: 18,000 ppm Fluid volume: 1000 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: 9/16/2009  
Subscribed and sworn to before me this 16<sup>th</sup> day of September,  
20 09.  
Notary Public: Mitzi Fagan  
Date Commission Expires: 3-30-13



KCC Office Use ONLY  
Nes Letter of Confidentiality Received  
If Denied, Yes  Date: 9/25/09 -dlg  
Vy Wireline Log Received  
Geologist Report Received  
UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 17 2009

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Reilly Oil Company, Inc. Lease Name: Berland Well #: 1-29  
 Sec. 29 Twp. 7 S. R. 20w  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 <input checked="" type="checkbox"/> Micro Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached Sheet  <div style="text-align: center;"> <b>RECEIVED</b>  <b>KANSAS CORPORATION COMMISSION</b>   <b>SEP 17 2009</b>   <b>CONSERVATION DIVISION</b>  <b>WICHITA, KS</b> </div>
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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	23	217	Common	160	3% cc, 2% gel
Production	7 7/8	5 1/2	14	3597	Bottom stage - common	150	10% salt
					Top stage-60/40 poz	350	6% gel, 1/4# floeal

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 (Amount and Kind of Material Used)	Depth
4 per foot	3524-3530	250 gal MCA (15%)	3530
	5 1/2" CIBP(plug)		3510
4 per foot	3322-3324	500 gal MCA (15%)	3324
4 per foot	3267-3270	300 gal MCA (15%)	3270
		750 gal NE (15%)	3270

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3410</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>1/24/2009</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>20</u> Water Bbls. <u>20</u> Gas-Oil Ratio <u>35</u> Gravity <u>35</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3267-3270</u> <u>3322-3324</u>
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# QUALITY OILWELL CEMENTING, INC.

206  
credit

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2003

1<sup>st</sup> stage

Date	1-3-09	Sec.	29	Twp.	7	Range	20	Called Out		On Location		Job Start		Finish	5:35	
Lease	Bordano		Well No.	1-29		Location			Damae Ks		County	Dooks		State		KS
Contractor	W.W. Delg #6					Owner					N to Hwy 24 2E 1N 1W S1W10					
Type Job	5 1/2 2 stage					To Quality Oilwell Cementing, Inc.					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	7 7/8		T.D.	3600		Charge To					RILEY OIL CO.					
Csg.	5 1/2 14"		Depth	3597		Street										
Tbg. Size			Depth			City					State					
Drill Pipe			Depth			City					State					
Tool	DV 1677 #44		Depth	1677		The above was done to satisfaction and supervision of owner agent or contractor.										
Cement Left in Csg.			Shoe Joint	19.89												
Press Max:			Minimum													
Meas Line			Displace	87.3												
Perf.	CEMENT															

EQUIPMENT			Amount Ordered	150 x Common		
Pumptrk	5	No.	Cement Helper	JOE		
Bulktrk	3	No.	Driver	BEORN		
Bulktrk	PV	No.	Driver	TODD		
			Consisting of	10% SALT		
			Common	150 @ 12.75		
			Poz. Mix			

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JOB SERVICES & REMARKS			Gel.			
Pumptrk Charge	Bottom Stage		Chloride			
Mileage	55 @ 6.00		Hulls			
Footage			Salt	22 @ 12.50		
Total			Flowseal			

Remarks:	500gal MVO CLEAR 4B			500.00
Run 32 #1's 5 1/2 14" csg set @ 3597'				
Run 20 screen lines float shoe! LD 1st = 18.93				
CENT 1-2-3-4-5-6-7-8-10-12-43 BSK 43				
DV tool #44 = 1677'				
Hook up to csg! CID 1 hr! RECTO.				
Pump 12 Bbls MVO CLEAR 4B				
MIX! Pump 150 x Common 10% SALT				
SHR OGW RELEASE LD PLUG				
CLEAR P! LINS				
DISP 87.3 total Bbls				
LIFT CUT 700"				
Land Plug 1000" PSI up 1500"				
RELEASE: HELD DV OPEN TOOL				
OPEN DV 1200" Hook up! CROW W/ EQ				
Went ticket				
Signature: <i>[Handwritten Signature]</i>				

Handling	172 @ 2.00		Sub Total	
Mileage	.03 PER SX PER MILE		Total	
Floating Equipment & Plugs			1 EA LD PLUG	PARPLE
Squeeze Manifold			1 EA FLOAT SHOE	
Rotating Head			5 1/2 11 EA CENT	
			1 EA CMT BSKT	
			20 EA REC SCREED	
			1 EA DV TOOL	
Tax				
Discount				
Total Charge				

FRANK Linn JOB DWS, 11/11/09

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2004

2nd Stage

Date	1-3-09	Sec.	29	Twp.	7	Range	20	Called Out		On Location		Job Start		Finish	
Lease	BEELANO	Well No.	1-29	Location	Damae, Ks.					Rooks County				Ks State	
Contractor	W W Drlg #6			Owner	N to Hwy 24 Z E I N I W S INTO										
Type Job	DU TOOL			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Hole Size	7 7/8			T.D.	3600'										
Csg.	5 1/2 14"			Depth	3597'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool JT'44				Depth	11677										
Cement Left in Csg.				Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace											
Perf.					<b>CEMENT</b>										

EQUIPMENT				Amount Ordered
Pumptrk	5	No.	Cementer Helper JOE	350 5x 60/40 Poz
Bulktrk	7	No.	Driver DWS	Consisting of 6% GEL 1/4" Flowseal
Bulktrk	PV	No.	Driver 1000	Common 210 5 12 25
				Poz. Mix 140 5 6 25
				Gel. 18 5 20 00

JOB SERVICES & REMARKS			
Pumptrk Charge	Top Stage		550 00
Mileage	55 -> 6 00		N/C
Footage			
		Total	
Flowseal			875 * 2 00

Remarks: Plug R. hole w/ 30 x 60/40 Poz 6% GEL 1/4" CF

Max! Pump 320 5x 60/40 Poz 6% GEL 1/4" Handling 368 -> 2 00

SHUT DOWN CLEAR P.I LINES  
RELEASE CLOSE PLUG  
Mileage .09 PER 5 PER MILE

DISP 41.0 total Bbls  
LIFT PST 600"  
Sub Total

Land Plug 1000"  
PST up 1500" RELEASE & HELD  
Total

RELEASED! CIRC CUT TO PST  
Floating Equipment & Plugs  
Squeeze Manifold  
Rotating Head

Thank  
1000  
JOE  
DWS  
Signature: Mark H. [Signature]

PLEASE CALL AGAIN

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Tax  
Discount  
Total Charge

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2053

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
12-26-08	29	7	20				8:30 AM
Lease	Well No.	Location		County		State	
B...	1-29	Dinner B...		P...		KS	
Contractor				Owner			
W.W. Drilling Rig Co				24 25 1st			
Type Job				To Quality Oilwell Cementing, Inc.			
Surface				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.		Charge To			
1 7/8		218		Rally Oil Company, Inc			
Csg.		Depth		Street			
8 3/4 23 1/2		218					
Tbg. Size		Depth		City			
				State			
Drill Pipe		Depth		City			
				State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint					
10-15							
Press Max.		Minimum					
Meas Line		Displace					
		13 Bbl					
Perf.				<b>CEMENT</b>			
<b>EQUIPMENT</b>				Amount Ordered			
				1100 Cement 20% (total)			
Pumptrk		No.		Cementer		Consisting of	
1				Helper		160 - 43.00	
Bulktrk		No.		Driver		Common	
10				Driver		160 - 13.00	
Bulktrk		No.		Driver		Poz. Mix	
				Driver		3 @ 20.00	
HOYLE JOB SERVICES & REMARKS				Gel.		60.00	
Pumptrk Charge		Surface		Chloride		250.00	
55 @ 6.00		750.00		Hulls			
Mileage		330.00		Salt			
Footage				Flowseal			
		Total 1080.00					
Remarks:							
Cemented							
				Sales Tax			
				Handling		336.00	
				Mileage		739.20	
				PUMP TRUCK MILEAGE		1050.00	
				Sub Total			
				Total			
				Floating Equipment & Plugs			
				Squeeze Manifold			
				Rotating Head			
				RECEIVED KANSAS CORPORATION COMMISSION			
				SEP 17 2009			
				CONSERVATION DIVISION		Tax	
				WICHITA, KS		121.52	
						Discount	
						(456.00)	
						Total Charge	
						4232.72	
Signature							

**REILLY OIL COMPANY, INC.  
PO BOX 277  
WAKEENEY, KANSAS 67672  
PH 785-743-6774**

**Berland # 1-29  
330' FNL & 600' FEL  
Section 29-7s-20w  
Rooks County, Kansas**

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**I am requesting that the information for this well be held in confidence of a period  
12 months.**

**Thank You – Dusty Rhoades  
President of Reilly Oil Company**

*Dusty Rhoades  
9/16/2009*

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WICHITA, KS**

**REILLY OIL COMPANY, INC.**  
**PO BOX 277**  
**WAKEENEY, KANSAS 67672**  
**PH 785-743-6774**

**Berland # 1-29**  
**30' FNL & 600' FEL**  
**Section 29-7s-20w**  
**Rooks County, Kansas**

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<b>Formation</b>	<b>Log Tops</b>	<b>Datum</b>
<b>Top Anhydrite</b>	<b>1636</b>	<b>+ 427</b>
<b>Base Anhydrite</b>	<b>1668</b>	<b>+ 395</b>
<b>Topeka</b>	<b>3041</b>	<b>- 978</b>
<b>Heebner</b>	<b>3244</b>	<b>- 1181</b>
<b>Toronto</b>	<b>3266</b>	<b>- 1203</b>
<b>Lansing</b>	<b>3281</b>	<b>- 1218</b>
<b>Base Kansas City</b>	<b>3484</b>	<b>- 1421</b>
<b>Arbuckle</b>	<b>3524</b>	<b>- 1461</b>
<b>RTD</b>	<b>3600</b>	<b>- 1537</b>
<b>LTD</b>	<b>3600</b>	<b>- 1537</b>

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**Dst # 1 – 3192-3213 - Oread – Topeka**

<b>Open 30 minutes</b>	<b>Weak to strong blow in 15 minutes</b>
<b>Shut-in 60 minutes</b>	<b>No blow</b>
<b>Open 30 minutes</b>	<b>Weak to 7" blow</b>
<b>Shut-in 60 minutes</b>	<b>No blow</b>
<b>Recovered:</b>	<b>65' muddy water show of oil, 300' water</b>
<b>365' Total fluid</b>	
<b>IHP – 1507 psi</b>	<b>FHP – 1501 psi</b>
<b>IFP – 13-122 psi</b>	<b>FFP – 123-189 psi</b>
<b>ISIP – 947 psi</b>	<b>FSIP – 941 psi</b>
<b>Temperature</b>	<b>107°</b>

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**Dst # 2 – 3344-3386 – “E & F”**

**Open 30 minutes  
Shut-in 45 minutes  
Open 45 minutes  
Shut-in 90 minutes  
Recovered:  
210’ total fluid**

**Weak blow throughout  
No blow  
Weak blow throughout  
No blow  
10’ oil, 80’ water cut mud, 120’ mud cut water**

**IHP – 1647 psi  
IFP – 17-83 psi  
ISIP – 502 psi  
Temperature:  
Gravity:**

**FHP – 1616 psi  
FFP – 85-118  
FSIP – 502 psi  
104°  
35°**

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**Dst # 3 – 3396-3457 – “H,I, & J”**

**Open 30 minutes  
Shut-in 60 minutes  
Open 45 minutes  
Shut-in 90 minutes  
Recovered:  
5’ total fluid**

**Weak blow to 1”  
Very weak surface blow  
Weak surface blow, died in 14 minutes  
No blow  
5’ very slightly oil cut mud**

**IHP – 1660 psi  
IFP – 15-16 psi  
ISIP – 34 psi  
Temperature:**

**FHP – 1647 psi  
FFP – 16-16 psi  
FSIP – 29 psi  
97°**

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**Dst # 4 – 3483-3543 – Arbuckle**

**Open 30 minutes  
Shut-in 60 minutes  
Open 30 minutes  
Shut-in 60 minutes  
Recovered:**

**Bottom of bucket in 15 minutes  
Weak surface blow, died in 13 minutes  
Blew down to 7 inches  
No blow  
30’ free oil, 65’ oil cut mud, 60’ very slightly oil  
Cut mud, 60’ oil scum watery cut mud**

**215’ total fluid**

**IHP – 1687 psi  
IFP – 39-90 psi  
ISIP – 730 psi  
Temperature:  
Gravity:**

**FHP – 1663 psi  
FFP – 101-113 psi  
FSIP – 509 psi  
103°  
28°**

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**Dst # 5 – 3483-3548 – Arbuckle**

**Open 30 minutes  
Shut-in 60 minutes  
Open 45 minutes  
Shut-in 90 minutes  
Recovered:**

**210' total fluid**

**IHP – 1725 psi  
IFP – 54-95 psi  
ISIP – 529 psi  
Temperature:  
Gravity:**

**Bottom bucket in 14 minutes  
Very weak surface blow, died in 21 minutes  
Blew down to 6 inches  
Very weak surface blow, died in 12 minutes  
1' free oil, 29' oil cut mud, 120' very slightly oil  
Cut mud, 60' very slightly oil water cut mud**

**FHP – 1686 psi  
FFP – 102 -114 psi  
FSIP – 450 psi  
101°  
28°**

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**Dst # 6 – Straddle Test – 3235-3304 – Toronto & Lansing “A”**

**Open 30 minutes  
Shut-in 60 minutes  
Open 45 minutes  
Shut-in 90 minutes  
Recovered:  
165' total fluid**

**IHP – 1644 psi  
IFP - 31-74 psi  
ISIP – 859 psi  
Temperature:  
Gravity:**

**Blew down 7 ½ inches  
Weak surface blow, died in 14 minutes  
Bottom of bucket in 29 minutes  
Weak surface blow, died in 32 minutes  
5' free oil, 160' mud cut oil**

**FHP – 1592 psi  
FFP – 80-95 psi  
FSIP – 829 psi  
Unknown  
27°**

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