

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33530  
Name: Reif Oil & Gas Co., LLC  
Address: 250 S. Center  
City/State/Zip: Hoisington, KS 67544  
Purchaser: NCRA  
Operator Contact Person: Donald J. Reif  
Phone: (620) 653-2976  
Contractor: Name: Petro Mart Drilling LLC  
License: 33323  
Wellsite Geologist: Jim Muskgrove  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: Nadel - Gossman  
Well Name: Ryan #1  
Original Comp. Date: 4-19-77 Original Total Depth: 4140  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
7-20-05 7-23-05 8-31-05  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 165-20622-00-01  
County: Rush  
SWSE NE SE NW SW  
28 17 20  East  West  
2970 feet from S / N (circle one) Line of Section  
1667 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Ryan A Well #: 1  
Field Name: Rixon  
Producing Formation: Cherokee Sand  
Elevation: Ground: 2174 Kelly Bushing: 2178  
Plug Depth: 4140 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 506 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1380 Feet  
If Alternate II completion, cement circulated from Not cemented yet  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
Drilling Fluid Management Plan ACT II Within 12-11-06  
(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 No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**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: Donald J. Reif  
Title: President Date: 9-17-05  
Subscribed and sworn to before me this 17th day of September,  
2005.  
Notary Public: Eudora Reif  
Date Commission Expires: 12-23-2008  
Notary Public - State of Kansas  
My Appt. Expires 12-23-2008

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Reif Oil & Gas Co., LLC Lease Name: Ryan A Well #: 1  
 Sec. 28 Twp. 17 S. R. 20  East  West County: Rush

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <p style="text-align: center;">Case Hole</p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <p style="text-align: center;">OWWO</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">RECEIVED SEP 19 2005</p>
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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
Production	7 7/8 "	4 1/2"	10.5#	4140	60/40Poz	125	4%gel+2%cc

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	4062 - 4064	750gal -7 1/2% - Hi Flow	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	4050			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
9-1-05			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	15		50			

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION

Production Interval

*(If vented, Submit ACO-18.)*



# TREATMENT REPORT

Customer ID		Date	
Customer <i>PEST FOR &amp; GAS</i>		<i>7-23-05</i>	
Lease	<i>RYAN</i>	Lease No.	Well #
Field Order #	<i>10018</i>	Station	<i>PRATT, KS</i>
Type Job	<i>LOW STRAW-OIL</i>	Casing	<i>4 1/2</i>
		Depth	<i>4140</i>
		County	<i>PRATT</i>
		State	<i>KS</i>
		Formation	<i>TD - ± 4140'</i>
		Legal Description	<i>28-17-20</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>4140</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative	<i>DON</i>	Station Manager	<i>HAIRY</i>	Treater	<i>GORBLET</i>
Service Units	<i>120</i>	<i>28</i>	<i>81</i>	<i>70</i>	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>2:00</i>					<i>DOWN LOCATION</i>
					<b>RECEIVED</b>
					<b>SEP 19 2005</b>
					<b>KCC WICHITA</b>
					<i>RUN 4 1/2 CSC</i>
					<i>SLIDE SHOE, DRSEAT FEET</i>
					<i>CENT. - 1-2-3-4-5</i>
					<i>POINT COLUMN - 1405'</i>
					<i>CENT. &amp; BUBBLET BELOW P.C.</i>
					<i>THE BOTTOM - DROP BURR - END</i>
<i>01:30</i>	<i>300</i>		<i>12</i>	<i>5</i>	<i>PUMP 12 bbl MUD FLUSH</i>
	<i>300</i>		<i>3</i>	<i>5</i>	<i>PUMP 3 bbl H<sub>2</sub>O</i>
	<i>200</i>		<i>24</i>	<i>5</i>	<i>MIX 100 SK HATZ CEMENT</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>STOP - WASH LOW - DROP PUG</i>
	<i>200</i>			<i>6</i>	<i>START WESP</i>
	<i>800</i>		<i>60</i>	<i>4</i>	<i>1 TFF CEMENT</i>
	<i>1700</i>		<i>66</i>	<i>4</i>	<i>SLOW RATE</i>
					<i>PULL DOWN - HOLD</i>
					<i>PULL OUT HOE</i>
					<i>JOB COMPLETE</i>
					<i>THANKS - KEVIN</i>



As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury of death or property damage ( including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

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NADEL & GUSSMAN & #1 RYAN 28-17-20W  
 BILL J. PORTER SW SE NW  
 3232 1ST NATL. TOWER, TULSA, OK.  
 CONTR B & B DRLG., INC. CTY RUSH  
 GEOL TOM WESSELOWSKI FIELD RIXON  
 E 2178 KB CM 4/11/77 CARD ISSUED 4/28/77 IP D&A/MISS 4/19/77

+	+	+
+	+	+
+	+	+

API 15-165-20,622

SMP	TOPS	DEPTH	DATUM
ANH	1411	+ 767	
HEEB	3584	-1406	
LANS	3629	-1451	
BKC	3896	-1718	
PAWN	3997	-1819	
1ST CHER	SD4064	-1886	
2ND CHER	SD4076	-1896	
REW MISS	4119	-1941	
RTD	4140	-1962	

8-5/8" 506/300sx  
 NO LOG  
 DST (1) 4036-70/30-30-60-30, 270' OIL,  
 60' OCM, 150' OCWM, SIP 300-275# FP  
 125-200# 237-237#  
 DST (2) 4071-4080/30-30-60-30, 1400' SW  
 SIP 644-644# FP 125-560# 596-644#

INDEPENDENT OIL & GAS SERVICE