

FORM MUST BE TYPED

SIDE ONE

COPY

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 3447

Name: Ranken Energy Corporation

Address 417 W. 18th Street, Suite 101

City/State/Zip Edmond, OK 73013

Purchaser: NRGA

Operator Contact Person: Randy Coy

Phone 405-340-2363

Contractor: Name: Shields Drilling Company, Inc.

License: 5184

Wellsite Geologist: Tom Larson

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: Oil well info as follows:

Operator: Southwestern Energy Production Company

Well Name: Roberts #B-1

Comp. Date 1/31/84 Old Total Depth 4847'

Deepening  Re-Perf.  Conv. To Inj/SWD  
 Plug Back  PSTD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. D-27,536

5/5/98 5/6/98 5/7/99  
Spud Date Date Reached TD Completion Date

API No. 15- 101-20,905-0001  
County Lane  
SW - NW - NE Sec. 22 Twp. 16 Rge. 29 X E W

4290 Feet from South Line of Section  
2310 Feet from East Line of Section

Footages calculated from nearest outside section corner: SE

Lessee Name Roberts Well # 1 SWD

Field Name Jennison East

Producing Formation Cedar Hills SS disposal

Elevation: Ground 2785' KB 2793'

Total Depth 2210' PSTD 2185'

Amount of Surface Pipe Set and Cemented at 358 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 Re-Entry, 6-10-99 etc.  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid Volume 400 bbls

Dewatering method used allowed to dry

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_

Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rng. \_\_\_\_\_ W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market, Room 2078, Wichita, Kansas 67202. Within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82030196 and 82-3-107 apply. Information on 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 geological well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 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 Thomas C. Larson  
Title Agent Date 5/12/99

Subscribed and sworn to before me this 12 day of May, 1999.

Notary Public Carol S. Larson  
Carol S. Larson

Date Commission Expires \_\_\_\_\_

CAROL S. LARSON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 6-29-2001

F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
KCC \_\_\_\_\_ Distribution  
KGS \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ Plug \_\_\_\_\_ Other (Specify)

K.C.C. OFFICE USE ONLY

Operator Name Ranken Energy Corporation Lease Name Roberts Well # 1 SWD  
 Sec 22 Twp. 16S Rge. 29  East  West County Lane

Instructions: Show important tops and base of formation penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum Name	<input type="checkbox"/> Sample Datum
Sample Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Cedar Hills SS	1790'
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Anhydrite	2198'
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			+995'
List all E. Logs Run:	none				

CASING RECORD <input type="checkbox"/> New <input checked="" 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"		356'	unknown	165	previously set
production	7-7/8"	4-1/2"	10.5	2207'	65-35 poz	300	5% gel & 1/4#/sk floccle

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:  <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

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
	1	1830-1955'		

TUBING RECORD		Size 2-3/8"	Set At 1786'	Packer At 1787'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" 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-16).	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>salt water disposal</u>	Production Interval <u>1830-1955'</u>
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