

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: NCRA

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 X Re-Entry Workover

 Oil X 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 4647'

 Deepening Re-Perf. X Conv. To Inj/SWD
 Plug Back PBTB

 Commingled Docket No.

 Dual Completion Docket No.

 X Other (SWD or Inj?) Docket No. D-27,536

5/5/98 5/6/98 5/7/99

~~Open~~ Date of Re-entry Date Reached TD Completion Date

API No. 15- 101-20,905-0001

County Lane

 - SW - NW - NE Sec. 22 Twp. 16 Rge. 29 X W E

4290 Feet from South Line of Section

2310 Feet from East Line of Section

Footages calculated from nearest outside section corner: SE

Lease Name Roberts Well # 1 SWD

Field Name Jennison East

~~Producing~~ Formation Cedar Hills SS disposal

Elevation: Ground 2785' KB 2793'

Total Depth 2210' PBTB 2185'

Amount of Surface Pipe Set and Cemented at 356 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan A11.2, 5-21-99 U.C.
(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

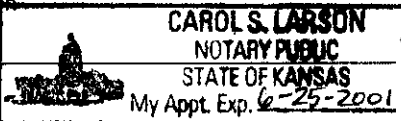
Title Agent Date 5/12/99

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

Notary Public Carol S. Larson

Carol S. Larson

Date Commission Expires



F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

✓ KCC Distribution SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

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 pressures, 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 New 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	8% gel & 1/4#/sk flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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)	
		Amount	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: Vented Sold Used on Lease (If vented, submit ACO-18).

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) salt water disposal

Production Interval: 1830-1955'

ALLIED CEMENTING CO., INC. ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Mass City

DATE <u>5-6-98</u>	SEC. <u>22</u>	TWP. <u>16</u>	RANGE <u>29</u>	CALLED OUT <u>12:30pm</u>	ON LOCATION <u>4:15AM</u>	JOB START <u>8:00AM</u>	JOB FINISH <u>9:30AM</u>
LEASE <u>Roberts</u> WELL # <u>1 Snow</u> LOCATION <u>4+23 det 2 1/2 N 1/4 W 1/4 N</u>				COUNTY <u>Lane</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Shields Ditz</u>	OWNER _____
TYPE OF JOB <u>4 1/2 production</u>	CEMENT _____
HOLE SIZE <u>7 1/8</u> T.D. <u>2210</u>	
CASING SIZE <u>4 1/2</u> DEPTH <u>2207</u>	
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX <u>1200</u> MINIMUM _____	
MEAS. LINE _____ SHOE JOINT <u>18"</u>	
CEMENT LEFT IN CSG. <u>18"</u>	
PERFS. _____	

AMOUNT ORDERED 300 325 5x
~~550 6 3/8 8 1/2~~
1/4" 7.0 Seal per 3x

COMMON _____	@ _____
POZMIX _____	@ _____
GEL _____	@ _____
CHLORIDE <u>1</u>	@ _____
<u>7.0 Seal</u>	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
HANDLING _____	@ _____
MILEAGE <u>49</u>	@ _____

EQUIPMENT

PUMP TRUCK # <u>224</u>	CEMENTER <u>J. Weighman</u>	HELPER <u>B. White</u>
BULK TRUCK # <u>222</u>	DRIVER <u>R. Warner</u>	
BULK TRUCK # <u>311</u>	DRIVER <u>D. Walls</u>	

TOTAL _____

REMARKS:

300 3x

circ 4 1/2 cas, Plus RH+MN.
w/ 2 5/8 cement, mix 550 cement
deep 36 BBL, Plug Down
9:30 AM cement trial circ.

Thanks

SERVICE

DEPTH OF JOB <u>2207</u>	_____
PUMP TRUCK CHARGE _____	_____
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>49</u>	@ _____
PLUG <u>Rubber</u>	@ _____
_____	@ _____
_____	@ _____

TOTAL _____

CHARGE TO: Ranken Energy Corp.
STREET 601 N. Kelly Suite 103
CITY Edmond STATE OKla ZIP 73003

FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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.

SIGNATURE T.C. Juson

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

RECORDED
MAY 1 1998
WICITA, KANSAS

WLOG

15.169.00107.0000

STERLING DRILLING CO.

STERLING, KANSAS

WELL LOG - - - - - RYDING #1

Location - NW/4 NW/4 NW/4 of Section 1-16-4, Saline County, Kansas

Owner - Messrs. T. A. Phillips and J. L. Sanderson
Rotary Drilling Contractor - Sterling Drilling Company
Cable Tools Contractor - Arrow Well Servicing Company

Commenced - 3-17-51
Completed - 3-31-51 (w/r)
 - (w/c.t.)

Total Depth - 3443' (w/r)
 - (w/c.t.)

LOG

0- 250	Clay and Shale
250- 325	Shale
325- 370	Anhydrite
370-1780	Lime and Shale
1780-2085	Lime
2085-2210	Broken Lime
2210-2280	Shale
2280-3200	Lime
3200-3439	Shale
3439-3443	Lime

CASING RECORD

153' of 13" Surface Pipe
Cemented with 200 Sacks Cement

383' of 8-5/8" Surface Pipe
set at 355'
Cemented with 125 Sacks Cement
(2 Sacks Chloride & 2 Sacks Flocele)

Cemented 8-5/8" Casing through 1"
with 104 Sacks Cement, 3 Sacks C. C.
(1 Sack Floseal)

3440.16' of 4 1/2" Casing
Cemented with 75 Sacks Cement
set at 3459'

PRODUCTION: Producer

RECEIVED
STATE CORPORATION COMMISSION
MAY 2 - 1951
CONSERVATION DIVISION
Wichita, Kansas