

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

Operator: License # 3447 ORIGINAL

Name: Ranken Energy Corporation

Address 601 N. Kelly, #103

City/State/Zip Edmond, OK 73003-4855

Purchaser: National Cooperative Refinery

Operator Contact Person: Randy Coy

Phone (405) 340-2363

Contractor: Name: Abercrombie RTD, Inc.

License: 30684 CONFIDENTIAL

Wellsite Geologist: _____

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:

Operator: N/A RELEASED

Well Name: _____

Comp. Date MAR 28 2001 Old Total Depth _____

Deepening Re-perm Core to Tail Sub
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

08-23-97 08-31-97 09-11-97
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,7430000

County _____ Lane _____

S/2 SW - NW Sec. 22 Twp. 16S Rge. 29 E W

2280' Feet from S(N) (circle one) Line of Section

600' Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

Lease Name Roberts Well # 1-22

Field Name Jennison East

Producing Formation Ft. Scott

Elevation: Ground 2790' KB 2795'

Total Depth 4660' PBDT _____

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2196 Feet

If Alternate II completion, cement circulated from 2196

feet depth to Surface w/ _____ sx cmt.

Drilling Fluid Management Plan Att. 2, 9-24-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 21,000 ppm Fluid volume 1380 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: KCC

Operator Name N/A DEC 10

Lease Name _____ CONFIDENTIAL

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 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.

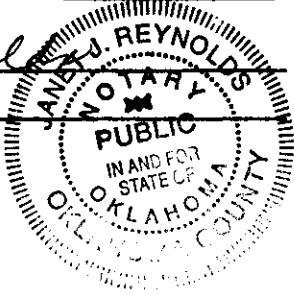
Signature _____

Title President Date 12-10-97

Subscribed and sworn to before me this 10th day of December, 1997.

Notary Public Janet J. Reynolds

Date Commission Expires July 12, 1998



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

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

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

INSTRUCTIONS: Show important tops and base of formations 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 Array Induction
 Micro Resistivity
 Compensated Neutron Density

Name	Top	Datum	Sample
Anhydrite	2198	KB	
Heebner	3898		
Toronto	3916	Cherokee Sh	4452
Lansing	3932	Johnson	4496
Muncie	4083	Miss	4526
Stark	4177		
Hushpuckney	4210		
Marmaton	4282		
Pawnee	4376		
Myrick Sta	4401		

RELEASED
 MAR 28 2001

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"	20#/Ft. new	209'	60-40 Poz	160	2% gel, 3% cc
Production	7 7/8"	5 1/2"	14#/Ft. used	4650'	EA-2	125	5% calseal & 18% salt, 7#/sx gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Port collar Perforate <input checked="" type="checkbox"/> Protect Casing Plug Back TD Plug Off Zone	2196	65-35 Poz	250	65-35 Poz w/8% gel & 1/4#/sx flocele

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	4446'-50'		2000 Gal 15% ASA	4954
4	4410'-14'		1000 gal 15% ASA	4390

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4585	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj. 9-11-97			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	33	0	5		38

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Production Interval: Other (Specify) _____

ALLIED CEMENTING CO., INC. 8722

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: OAKLEY

Table with columns: DATE, SEC., TWP., RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL #, LOCATION, COUNTY, STATE, OLD OR NEW (Circle one)

CONTRACTOR ABERCROMBIE RTO REG #8 OWNER SAME CONFIDENTIAL TYPE OF JOB SURFACE

Table with columns: HOLE SIZE, CASING SIZE, TUBING SIZE, DRILL PIPE, TOOL, PRES. MAX, MEAS. LINE, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT

Table with columns: CEMENT, AMOUNT ORDERED, COMMON, POZMIX, GEL, CHLORIDE, HANDLING, MILEAGE

Table with columns: EQUIPMENT, PUMP TRUCK #, CEMENTER, HELPER, BULK TRUCK #, DRIVER

RELEASED MAR 28 2001 TOTAL 1,602.10

REMARKS: FROM CONFIDENTIAL SERVICE

CEMENT DIA CIRC ✓ THANK YOU

Table with columns: DEPTH OF JOB, PUMP TRUCK CHARGE, EXTRA FOOTAGE, MILEAGE, PLUG

CHARGE TO: RANKEN ENERGY CORP. STREET 601 N Kelly #103 CITY Edmond STATE Okla ZIP 73003-4855

Table with columns: FLOAT EQUIPMENT

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.

TOTAL TAX TOTAL CHARGE DISCOUNT IF PAID IN 30 DAYS

SIGNATURE T.C. Janson

PRINTED NAME

ORIGINAL

CONFIDENTIAL

ROBERTS 1-22
S/2 SW/4 NW/4 Sec 22-16S-29W
Lane County, KS

DST #1 - L-KC "J" 41-36'-59', 30"-45"-5"-out, Rec 10' mud, IHP 2027#; IFP 13-25#; ISIP 763; FFP 26-30#; FSIP n/a; FHP 2014#.

DST #2 - L-KC "K" 4174'-4213', 30"-60"-60"-120", Rec. 270' GO (20% G & 80% O) & 70' OCM (15% O & 90% M). IHP 2059#; IFP 20-59#; ISIP 339#; FFP 67-109#; FSIP 289#; FHP 2042#.

DST #3 - L-KC "L" 4207'-57', 30"-60"-60"-120", Rec 280' GIP & 400' total fluid - 280' GO (10% G & 90% O), 60' GOCM (15% G, 5% O & 80% M) & 60' GOWCM (15% G, 5% O 20% W & 60% M), IHP 2096#; IFP 20-86#; ISIP 341#; FFP 94-170#; FSIP 318#; FHP 2020#.

DST #4 - Myrick Station, Ft. Scott & Cherokee 4396'-4474', 15"-30"-45"-90", Rec GTS 75 Min into FSI & 855' total fluid - 500' CGO (40% G & 60% O) & 355' GOCM (55% G, 15% O & 30% M), IHP 2212#; IFP 41-137#; ISIP 708#; FFP 183-260#; FSIP 747#; FHP 2187#.

KCC

DEC 1 0

CONFIDENTIAL

RELEASED

MAR 28 2001

FROM CONFIDENTIAL