

ORIGINAL

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

Operator: License # 3447 **CONFIDENTIAL**

Name: Ranken Energy Corporation

Address 601 N. Kelly, #103

City/State/Zip Edmond, OK 73003-4855

Purchaser: N/A

Operator Contact Person: Randy Coy

Phone (405) 340-2363

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Mark Herndon

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
 Well Name: _____
 Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

08-15-97 08-21-97
 Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,646-00-00

County Logan

1600' FSL - 2200' FWL Sec. 21 Twp. 11S Rge. 32 E W

1600' Feet from S (circle one) Line of Section
2200' Feet from E (circle one) Line of Section

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

Lease Name Ziegler Well # 1-21

Field Name Wildcat

Producing Formation Dry hole

Elevation: Ground 3009' KB 3014'

Total Depth 4672' PBTB _____

Amount of Surface Pipe Set and Cemented at 258.30' 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 ART II DPA
 (Data must be collected from the Reserve Pit)

Chloride content 41,000 ppm Fluid volume 1200 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____
 Lease Name 9-12 License No. _____
 _____ Quarter Sec. CONFIDENTIAL 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 Handwritten Signature
 Title President Date 9/11/97

Subscribed and sworn to before me this 11th day of September, 19 97

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)

RELEASED

Form ACO-1 (7-91)

3-28-2001 FROM CONFIDENTIAL...

SIDE TWO

Operator Name Ranken Energy Corporation Lease Name Ziegler Well # 1-21
 Sec. 21 Twp. 11S Rge. 32 East West
 County Logan

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2510'	KB	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4004'	Cherokee Sh	4558'
List All E.Logs Run:		Toronto	4030'	Johnson Zn	4602'
Comp. Neutron		Lansing	4046'	Cherokee Sand	4628'
Array Induction		Muncie Creek	4183'	Mississippian	4672'
Micro-Resistivity		Stark	4270'		
		Hushpackney	4303'		
		Pleasanton	4366'		
		Pawnee	4474'		
		Myrick	4512'		
		Ft. Scott	4531'		

CASING RECORD <input 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"	20#	258.30'	60/40 pos	180	2% gel, 4% 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				

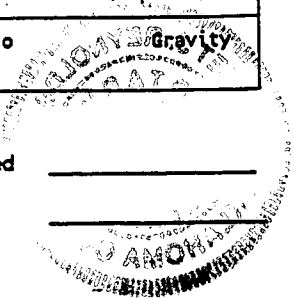
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input 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 type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



15-109-20646-00-00

RECEIVED
GENERAL INVESTIGATIVE
DIVISION
FBI
OCT 20 10 33
10-20-1997

ZIEGLER 1-21

DST #1 - Johnson Zone straddle test 4566'-4623', 30"-30"-30"-60", rec 62' mud. IHP
2268#; IFP 15-32#; ISIP 989#; FFP 37-45#; FSIP 1020#.

RELEASED
MAR 28 2001
3-28-2001
FROM CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

REC
9-12
SEP 12

CONFIDENTIAL

15-109-20646-00-00

**ZIEGLER 1-21
LOGAN COUNTY, KS**

RAN DST #1 JOHNSON ZONE STRADDLE TEST 4566' - 4623', 30-30-30-60, REC
62' MUD. IHP 2268#; IFP 15-32#; ISIP 989#; FFP 37-45#; FSIP 1020#.

RELEASED
3-28-2001
MAR 28 2001

FROM CONFIDENTIAL

1661-51-6
9-15-1997
MAR 28 2001

15-109-~~20646~~-00-00

ALLIED CEMENTING CO., INC. 8921

P.O. BOX 31
RUSSELL, KANSAS 67665

10-20-1997

SERVICE POINT: Oakley

DATE <u>8-15-97</u>	SEC. <u>21</u>	TWP. <u>11</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:45 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>7:15 PM</u>
LEASE <u>Ziegler</u>	WELL # <u>1-21</u>	LOCATION <u>Oakley 1W-2 1/2 S-1/4 W</u>			COUNTY <u>Logan</u>	STATE <u>Kan</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Abxcrumbine RTD #8 OWNER Sumo

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 263'

CASING SIZE 8 5/8 DEPTH 258'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Walt

191 HELPER honda

BULK TRUCK

315 DRIVER Jeff

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 180 SKS 60/40 PCE

4% CC - 2% CEI

COMMON 108 SKS @ 7.55 815.40

POZMIX 72 SKS @ 3.25 234.00

GEL 3 SKS @ 9.50 28.50

CHLORIDE 8 SKS @ 28.00 224.00

@

@

@

@

@

HANDLING 180 SKS @ 1.05 189.00

MILEAGE 49 ps sk/mile 100.00

RELEASED

MAR 28 2001

3-28-2001

FROM CEMENTING CO.

TOTAL 1,590.90

REMARKS:

Cement Did Cure

Abxcrumbine

DEPTH OF JOB 258'

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 3- miles @ 2.85 8.55

PLUG 8 5/8 Surface @ 45.00

@

@

TOTAL 523.55

CHARGE TO: Hanken Energy

STREET 601 N. Kelley #103

CITY Edmond STATE Oklahoma ZIP 73008-4855

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. 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.

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE T.C. Larson

PRINTED NAME

ALLIED CEMENTING CO., INC.

8720

10 P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

15-109-20646-00-00

DATE <u>8-22-97</u>	SEC <u>21</u>	TWP <u>11S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>7:00 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>11:15 AM</u>
LEASE <u>ZIEGLER</u>	WELL# <u>1-21</u>	LOCATION <u>OAKLEY 14-35-W IUTHO</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR ABERCROMBIE PTA REL #8

OWNER SAME

TYPE OF JOB PTA

HOLE SIZE 7 1/8" T.D. 4672'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2550

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

300 HELPER TERRY

BULK TRUCK _____

218 DRIVER ANDREW

BULK TRUCK _____

_____ DRIVER _____

CEMENT

AMOUNT ORDERED 190 SKS 60/40 POZ 6968 1/4 FLO-SEA

COMMON 114 SKS @ 7.55 860.70

POZMIX 76 SKS @ 3.25 247.00

GEL 10 SKS @ 9.50 95.00

CHLORIDE _____ @ _____

Flo Seal 48# @ 1.15 55.20

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 190 SKS @ 1.05 199.50

MILEAGE 4¢ per SK/mile 100.00

RELEASED _____

TOTAL 1,557.40

MAR 28 2001

3-28-2001

SERVICE

FROM CEMENTER

REMARKS:

25 SKS AT 2550'

106 SKS AT 1630'

40 SKS AT 305'

10 SKS AT 410'

15 SKS AT HOLE

DEPTH OF JOB 2550'

PUMP TRUCK CHARGE _____ 580.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 3 miles @ 2.85 8.55

PLUG 8-78 DRY HOLE @ _____ 23.00

_____ @ _____

_____ @ _____

TOTAL 611.55

CHARGE TO: RANKEN ENERGY CORP.

STREET 601 N. Kelly #103

CITY Edmond STATE Okl ZIP 73003-4855

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE T.C. Larson

PRINTED NAME _____