

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 601 N. Kelly, Ste. 103
City/State/Zip Edmond, OK 73003-4855

Purchaser: NA
Operator Contact Person: Tom Larson

Phone (316) 653-7368

Contractor: Name: L. D. Drilling, Inc.
License: 6039

Wellsite Geologist: Doug Bellis

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: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
10/08/93 10/17/93 10/17/93
Spud Date Date Reached TD Completion Date

API NO. 15- 083-21402 ORIGINAL ORIGINAL

County Hodgeman

E - NW - NW - SE Sec. 19 Twp. 21S Rgo. 25 X W

2310 Feet from N (circle one) Line of Section
2310 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 Sinclair Well # 1-19

Field Name Wildcat

Producing Formation NA

Elevation: Ground 2331' KB 2336'

Total Depth 4425' PBSD _____

Amount of Surface Pipe Set and Cemented at 206 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 D & A JH 12-21-93
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 6400 bbls

Dewatering method used allow to dry, then backfill

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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, 200 Colorado Derby Building, 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 procedures). One copy of all wireline logs and geologist well report shall be attached with this form. ALL FEMENTING CONCRETS 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 [Signature]
Title President Date 10/28/93

Subscribed and sworn to before me this 28th day of October, 19 93.

Notary Public [Signature]
Janet J. Tyndholm

Date Commission Expires July 12, 1994

RECEIVED STATE CORPORATION COMMISSION NOV 01 1993
K.C.C. OFFICE USE ONLY
Wichita, Kansas
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 SINCLAIR

Well # 1-19

Sec. 19 Twp. 21S Rge. 25

East
 West

County Hodgeman

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1532	Labeite 4237
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B. Anhydrite	1565	Ft. Scott 4243
List All E.Logs Run:		Heebner	3671	Cherokee Sh 4267
Compensated Neutron Density		Toronto	3690	B. Cher Lime 4316
Array Induction		Lansing	3715	Mississippi 4332
Geo Log		Stout	3999	Miss Dolo 4340
		Hushpackney	4031	
		B. Kansas City	4072	
		Altamont	4152	
		Pawnee	4205	

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"	20#	206	60/40 Poz	135	2% gel, 3% CC

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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	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) _____

Production Interval: Dry Hole

RANKEN ENERGY CORPORATION
Sinclair 1-19
Hodgeman County, KS
NW NW SE Sec. 19-21S-25W
API 15-083-21402-0000

DST#1: 4319-4346'. 30"-30"-5"-0". Recovered 20' Oil Cut
Mud (20% oil, 80% mud). IH 2180#; IFP 33-33#; ISIP 1121#;
FFP 0-0; FSIP 0; FH 2144#.

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JOB LOG FORM 2013 R-4

DATE: 10-8-93 PAGE NO: 1

CUSTOMER: *Kent Energy* WELL NO.: *1-18* LEASE: *Sector* JOB TYPE: *Surface* TICKET NO.: *568115*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							Called out
	2030							On loc. set up pack Rig Drilling
	2300							Start 8 1/2" Csg. in hole
	2355							Csg. on Bottom Break circulation
	2405		31					Start mixing 135 lb 40/100 Pz 2% Cat, 3% CC
	2415							Finished mixing Release Plug and Displace
	2420							Plug down Cir. out to surface
								Shut in G well head
								Wash + Rack up travel
	0100							Job Complete
								Thank You D. J. [Signature]
								R. Legleiter B0119 P.O. 40072
								M. Gantt B1231 PT 51 RECEIVED
								D. Dabada B0022 B7519609 CORPORATION COMMISSION

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CUSTOMER

CONSERVATION DIVISION
Wichita, Kansas



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

WESS CO., KS

BILLED ON TICKET NO. 509190

WELL DATA

FIELD _____ SEC. 19 TWP. 21 RNG. 25 COUNTY HOBBSMAN STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			8 7/8	KB	207	
LINER						
TUBING						
OPEN HOLE			5 7/8	207	4425	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-16</u>	DATE <u>10-16</u>	DATE <u>10-17</u>	DATE <u>10-17</u>
TIME <u>2130</u>	TIME <u>2245</u>	TIME <u>0130</u>	TIME <u>0430</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>LN-11 WOODS</u>	<u>1</u>	<u>HOLCO</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WOODS</u>	<u>89317</u>	<u>COMB.</u>
<u>M. GANTT</u>	<u>B1221</u>	<u>51145</u>
	<u>BULK</u>	<u>WESS CO., KS</u>
<u>M. KARLIN</u>	<u>61511</u>	<u>7612</u>
		<u>1175, KS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB PTA

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X J. C. Pearson

HALLIBURTON OPERATOR W. WOODS COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>195</u>	<u>40% B02 60% S02</u>	<u>60% S02</u>	<u>2</u>	<u>6% GEL, 1/4% PSC FLOCC</u>	<u>1.67</u>	<u>12.82</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 58

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

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CONSERVATION DIVISION Wichita, Kansas

CUSTOMER
LEASE
WELL NO. 1-12
JOB TYPE PTA
DATE

JOB LOG FORM 2013 R-3

CUSTOMER DANIEL 92204	WELL NO. 1-12	LEASE SEACLAIR	JOB TYPE PTA	TICKET NO. 509110
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T.	C.	TUBING	CASING	
	2130							CALLED OUT 10-16-93
	2215							ON BOARD - WORKING DOWN D.P.
	0130		14.9					1 ST PLUG 50 SKS @ 1560'
	0215		23.8					2 ND PLUG 20 SKS @ 800'
	0245		11.9					3 RD PLUG 40 SKS @ 230'
	0340		3					4 TH PLUG 10 SKS @ 40'
	0345		4.5					5 TH PLUG 15 SKS @ PATCHOLE
								WASH-UP
								RACK-UP
	0430							JOB COMPLETE
								TINY JOB
								WASTE WELLS
								MARCA GAITT
								MEL KAREN

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