

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

Operator: License # 5011
Name Viking Resources
Address 120 S. Market, Suite 518
City/State/Zip Wichita, Ks. 67202

Purchaser Koch Oil Co.
Wichita, Kansas

Operator Contact Person James B. Devlin
Phone 316/262-2502

Contractor: License # 5420
Name White & Ellis Drilling, Inc.

Wellsite Geologist Beth A. Fuhr
Phone 316/263-2243

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OHWO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12-04-86 12-12-86 12-26-86
Spud Date Date Reached TD Completion Date
4540 4531
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 215' 223 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from 223 feet depth to sur w/ 135 cmt
Cement Company Name Allied Cementing Co.
Invoice # 1607

API NO. 15-083-21,268-0000
County Hodgeman
SE NW NW Sec. 24 Twp. 21S 23 East
Rge. X West

4290 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

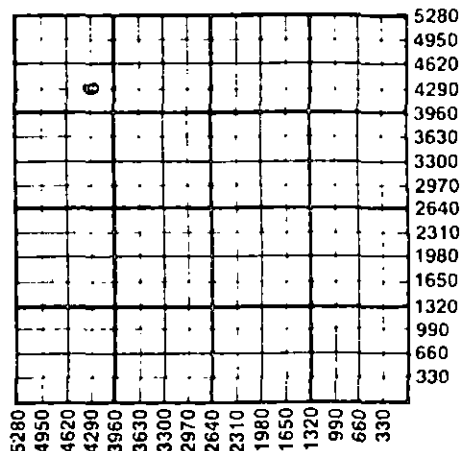
Lease Name Rasmussen Well # 1

Field Name ~~unnamed~~ Holtzberg, East

Producing Formation Osage

Elevation: Ground 2340 KB 2345

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: None Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West
purchased from Jr. Seiman
 Other (explain) Jetmore, Kansas...
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 James B. Devlin
Title Operator Date 1-22-87

Subscribed and sworn to before me this 22 day of January 1987.
Notary Public Dorene K. Dunn
Date Commission Expires 10-13-89



JAN 23 1987
CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1 (5-86)

1-23-87

Sec. 24 Twp. 21 Rge. 23 W

Operator Name Viking Resources Lease Name Rasmussen Well # 1

Sec. 24 Twp. 21S Rge. 23W East West County Hodgeman

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - 4380-4462': Rec. 350' mud & gas cut oil. 30-45-60-45. ISIP 1197; FSIP 1319; IF 112-122; FF 163-193. ISIP invalid, influenced by mud damage.

DST #2 - 4523-4540': rec: 250' GIP; 775' Clear gassy oil; 313' gassy frothy muddy oil; 62' gassy oil cut mud; IF 132-193; FF 224-428 ISIP 1369; FSIP 1339

Name	Top	Bottom
Anhy	1724	3837
Heebner	3837	3890
Lansing	3890	4235
B/Ks. City	4235	4340
Pawnee	4340	4409
Ft. Scott	4409	4436
Cherokee	4436	4520
Mississippi	4520	4530
Osage	4530	4540 RTD

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
surf. production	12-1/4	8-5/8	14#	223	60/40	135	2% gel, 3% cc
production		5-1/2		4530	60/40	375	1 1/4# Floccel; 2% gel, 10% salt

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	OPEN HOLE - NATURAL		

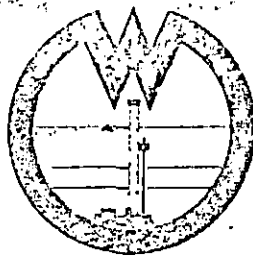
TUBING RECORD	Size 2-7/8	Set At 4531	Packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 1/2/87	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)
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Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	70	0	0		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4530-4540
 Used on Lease Dually Completed
 Commingled



15.083.21268.0000

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: John Jay Darrah, Jr., 412 E. Douglas - Suite #1, Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500,
Wichita, Ks. 67202Lease Name Rasmussen Well No. 1Sec. 24 T. 21S R. 23W Spot SE NW NWCounty Hodgeman State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 220' with 135 sx. 2% Gel 3% CCProduction: 5 1/2" @ 4530' with 425 sx.Type Well: Oil Well Total Depth 4540'Drilling Commenced 12-4-86 Drilling Completed 12-12-86

Formation .. From To : Tops

Cellar	0	7	Anhydrite	1529
Shale, Lime	7	4540		

STATE CORPORATION COMMISSION

JAN 23 1987

CONSERVATION DIVISION
Wichita, Kansas