

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
Wichita, KS 67202-3819
City/State/Zip

Purchaser Koch Oil Company

Operator Contact Person Jim Devlin
Phone (316) 262-2502

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

Wellsite Geologist Jim Maloney
Phone (316) 262-2502

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

If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-18-86 .. 11-27-86 .. 1-2-87 ..
Spud Date Date Reached TD Completion Date
4557 .. 4315
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 265 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set .. feet
If alternate 2 completion, cement circulated
from 0 .. feet depth to 2200 .. w/ 225 SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 47686

API NO. 15-171-20,346-0000
County Scott
NE. NE. NE. Sec. 1 Twp. 18S Rge. 31 East West

4950 .. Ft North from Southeast Corner of Section
330 .. Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

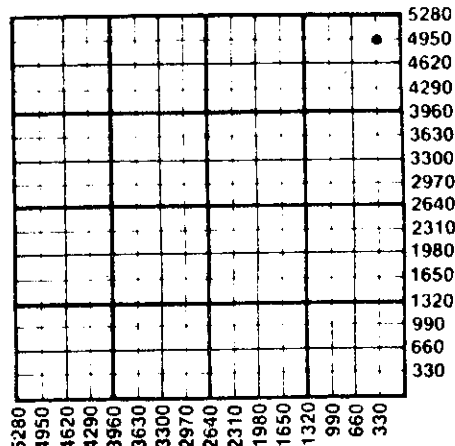
Lease Name Ramsey Well # 1

Field Name Manning Township

Producing Formation Lansing

Elevation: Ground 2900 .. KB .. 2905

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: 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 4950 .. Ft North from Southeast Corner
(Well) 5000 Ft West from Southeast Corner of
Sec 6 Twp 17 Rge 30 East West

Surface Water .. Ft North from Southeast Corner
(Stream, pond etc) .. Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) ..
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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

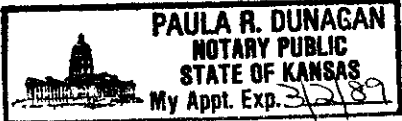
Title James B. Devlin, Partner Date 3-9-87

Subscribed and sworn to before me this 9th day of March 1987

Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1989

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



APR 8 1987
4-8-87

Sec. 1, Twp 18S, Rge 31E

Operator Name Viking Resources Lease Name Ramsey Well # 1

Sec. 1 Twp. 18 Rge. 31 East West County Scott

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, 3940-4028, 30-30-30-30, Rec. 60' Slightly Oil Cut Mud, BHP: 1019/976, FP: 32/32 43/43, BHT: 120°
 DST #2, 4092-4190, 30-30-30-60, Rec. 372' Mud Cut Oil, 310' Gassy Mud Cut Oil, 124' Mud and Water Cut Oil, 124' Oil Cut Water, 546' Salt Water, BHP: 911/911 FP: 120/445 510/640, BHT: 128°
 DST #3, 4190-4208, 30-30-30-60, Rec. 124' Mud and Oil Cut Water, 62' Very Slightly Oil Cut Water, 785' Salt Water, BHP: 990/1009, FP: 118/265 354/413, BHT: 126°
 DST #4, 4232, 4244, 30-30-30-60, Rec. 200' Gas in Pipe, 1386' Oil, 150' Mud Cut Oil, BHP: 911/900, FP: 86/358 423/554, BHT: 125°
 DST #5, 4270-4354, 30-45-30-45, Rec. 310' Gas In Pipe, 278' Oil, 186' Mud Cut Oil, 278' Oil, 124' Mud Cut Oil, 124' Oil Cut Mud, BHP: 900/857, FP: 86/239 293/347, BHT: 127°
 DST #6, 4440-4530, 30-30-30-30, Rec. 10' Mud, BHP: 738/629, FP: 21/21 21/21, BHT: 128°

Name	Top	Bottom
Anhydrite	2212 (+693)	
Base Anhydrite	2268 (+637)	
Heebner	3879 (-974)	
LKC	3920 (-1015)	
Muncie Creek	4038 (-1193)	
Stark Shale	4194 (-1289)	
Marmaton	4315 (-1410)	
Altamount	4328 (-1423)	
Ft. Scott	4446 (-1541)	
Mississippian	4536 (-1631)	
RTD	4557 (-1652)	

CASING RECORD <input checked="" 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	265	60/40 port	140	25 gal. 3% cc
Production	7-7/8	5-1/2	14	4556	Lite AFC	75	10 bbls mud flush
						125	

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		Depth
2	4338-4343	4237-4242	1500 gal	15% NE CRA	4338-43

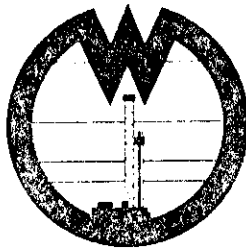
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2-7/8	4246	4288		

Date of First Production	Producing Method
1-2-87	<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	Gas	Water	Gas-Oil Ratio	Gravity
	90 Bbls	MCF	1 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 4237-4242
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled



WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Viking Resources, 217 E. William, Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500,
Wichita, Ks. 67202

Lease Name Ramsey Well No. 1

Sec. 1 T. 18S R. 31W Spot NE NE NE

County Scott State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 265' with 140 sx.2% Gel 3% CC

Production: 5 1/2" @ 4556' with 425 sx.

Type Well: Oil Well Total Depth 4557'

Drilling Commenced 11-18-86 Drilling Completed 11-27-86

Formation	From	To	Tops
Cellar	0	7	Anhydrite 1697
Shale, Lime	7	4557	

APR 8 1987