

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 None

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

Contractor: License # 4958
Name Mallard JV Inc.

Wellsite Geologist Tim Pierce
Phone

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

3/15/88 Spud Date 3/23/88 Date Reached TD 3-28-88 Completion Date

4495 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 315 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-047-21,313-0006
County Edwards
N/2. N/2. NW. Sec. 23. Twp. 24. Rge. 18. East
X West

4950 Ft North from Southeast Corner of Section
2960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

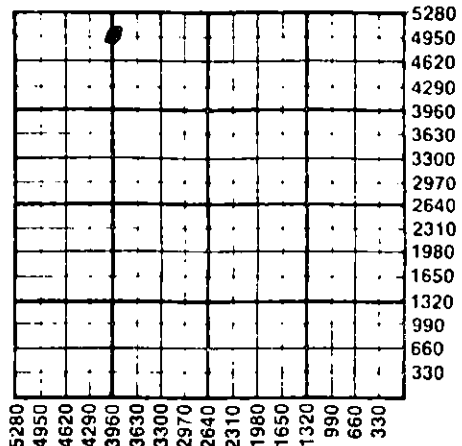
Lease Name McClaren Well # 1

Field Name

Producing Formation

Elevation: Ground 2142 2150 KB

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) 4960 Ft West from Southeast Corner of
Sec 23 Twp 24 Rge 18 East X 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 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 Partner/Operator Date 3/25/88

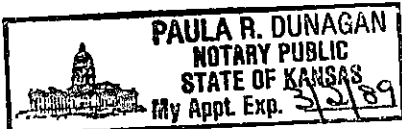
Subscribed and sworn to before me this 25 day of March 1988.

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 Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Sec. 23 Twp. 24 Rge. 18



RECEIVED
STATE CORPORATION COMMISSION
MAR 28 1988
3-28-88
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Viking Resources Lease Name McClaren Well # 1

Sec. 23 Twp. 24 Rge. 18 East West County Edwards

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, 4284-4395, 30-30-30-30, Rec. 70' Mud, FP: 82/84 84/84, BHP: 105/100, HP: 2125/2067, BHT: 118°
 DST #2, 4444-4463, 30-30-30-30, Rec. 15' Drilling Mud, Tool plugged, Misrun
 DST #3, 4443-4483, 30-30-60-60, GTS 4 minutes, gauged 436,000 cfpd, BHP: 1002/938, FP: 114/114 114/114, HP: 2150/2125, BHT: 121°, Rec. 130' Drlg Mud
 DST #4, 4443-4483, 30-30-240-60, GTS 4 minutes, gauged 391,000 decreasing to 364,000 cfpd, Rec. 150' Slightly Gas Cut Mud, BHP: 956/767, FP: 145/145 111/111, HP: 2155/2118, BHT: 120°

Name	Top	Bottom
Anhydrite	1202 (+948)	
B. Anhydrite	1220 (+930)	
Heebner	3820 (-1670)	
Lansing	3945 (-1795)	
BKC	4294 (-2144)	
Cherokee Sand 1st	4456 (-2306)	
Miss	4477 (-2327)	
Cherokee Shale	4415 (-2265)	
RTD	4495 (-2345)	

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	315	60/40 poz	175	3% cc, 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conmingled