

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

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

Contractor: License # 4958
Name Mallard JV, Inc.

Wellsite Geologist Steve Parker
Phone

Designate Type of Completion

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

If OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

7-25-88 7-28-88 7-29-88
Spud Date Date Reached TD Completion Date

3530
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 227 feet

Multiple Stage Cementing Collar Used? Yes X 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. 15-15-065-22,461-2000

County Graham

SE SE NW Sec 10 Twp 8 Rge 22 East West

2970 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name Boyd Well #

Field Name

Producing Formation

Elevation: Ground 2062 KB 2070

Section Plat

Section Plat grid table with coordinates 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal 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

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.

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.

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.

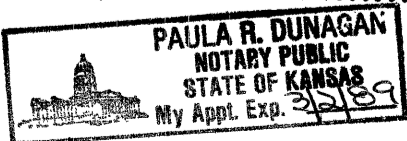
Signature James B. Devlin

Title Partner-Operator Date 8-1-88

Subscribed and sworn to before me this 1st day of August

Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1989



RECEIVED STATE CORPORATION COMMISSION AUG 16 1988 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)
8-16-88

Operator Name Viking Resources Lease Name Boyd Well # 1

Sec. 10 Twp. 8 Rge. 22 East West County Graham

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

Name	Top	Bottom
Anhydrite	1688 (+382)	
B. Anhydrite	1717 (+353)	
Topeka	3063 (-993)	
Heebner	3271 (-1201)	
Toronto	3293 (-1223)	
Lansing	3309 (-1239)	
BKC	3512 (-1442)	
LTD	3530 (-1460)	
RTD	3530 (-1460)	

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#	227	60/40 poz	160	2% gel, 2% cc
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
 Commingled

Mallard JV, Inc.
P.O. Box 1009
McPherson, KS 67460
15-065-22461-0000

DRILLERS' LOG

OPERATOR: Viking Resources
120 S. Market, #518
Wichita, KS 67202-3819

WELL: Boyd #1
API#: 15-065-22,461

LOCATION: SE SE NW
2970 Ft. FSL, 2970 Ft. FEL
Sec. 10 Twp. 8 S Rge. 22 W

COMMENCED: July 25, 1988
COMPLETED: July 29, 1988

TOTAL DEPTH: 3530 Ft.
ELEVATION: 2062 Ft. G.L.
2070 Ft. K.B.

COUNTY: Graham

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Surface	0'	230'
Shale, Sand	230	1686
Anhydrite	1686	1716
Shale	1716	2953
Shale, Lime	2953	3530 R.T.D.

REMARKS

Cut 12 1/4" hole to 230' and ran 5 joints 8-5/8" x 20# x 217.10' surface casing. Set at 226.70' and cemented with 160 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. @ 9:30 p.m. 7-25-88.

Ran electric log.

Plugged hole with 190 sacks 60/40 Pozmix, 6% gel, 3% cc as follows:

- 25 sx @ 1670'
 - 100 sx @ 895' plus 1 sack cello flake
 - 25 sx @ 250'
 - 10 sx @ 40' solid bridge to surface
 - 15 sx R.H., 15 sx M.H.
- P.D. @ 11:00 a.m. 7-29-88.

RECEIVED
STATE CORPORATION COMMISSION

AUG 16 1988

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
) SS:
COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Boyd #1 well as reflected by the files of Mallard Drilling.

Bryan Hess
Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 5th day of August, 1988.

11-15-89
My Commission Expires

Don J. Reichenberger
Notary Public

