

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 7-7-87
month day year

API Number 15- 193-20,441-00-00

OPERATOR: License # 5011
Name Viking Resources
Address 120 S. Market, Suite 518
City/State/Zip Wichita, KS 67202-3819
Contact Person Jim Devlin
Phone (316) 262-2502

W $\frac{1}{2}$ W $\frac{1}{2}$ NE Sec. 13 Twp. 10 S, Rg. 33 X East
3960 Ft. from South Line of Section
2310 Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5651 4958
Name Mallard, Drilling J.V. Inc.
City/State Wichita, KS McPherson

Nearest lease or unit boundary line 330 feet
County Thomas
Lease Name Karber Well # 1
Ground surface elevation Unknown feet MSL
Domestic well within 330 feet: —yes Xno
Municipal well within one mile: —yes Xno
Depth to bottom of fresh water 250
Depth to bottom of usable water 1750
Surface pipe by Alternate: 1 2 X
Surface pipe planned to be set 300
Conductor pipe required None
Projected Total Depth 4700 feet
Formation Mississippian

Well Drilled For: Well Class: Type Equipment:
X Oil — SWD — Infield X Mud Rotary
— Gas — Inj — Pool Ext. — Air Rotary
— OWWO — Expl X Wildcat — Cable

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.

Date 29 June 87 Signature of Operator or Agent James B. Devlin Title Operator

For KCC Use:

Conductor Pipe Required feet; Minimum Surface Pipe Required 300 feet per Alt. 1 X

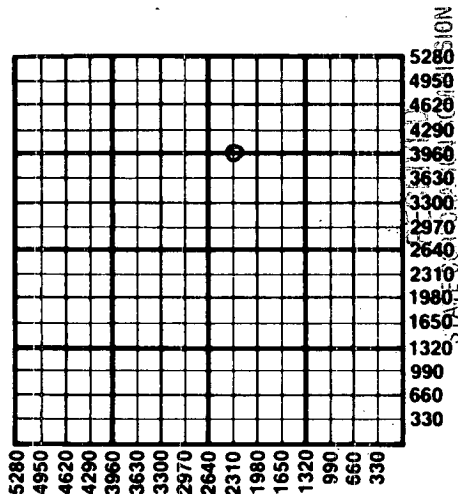
This Authorization Expires 12-31-87 Approved By Per. 7-1-87

Must be filed with the K.C.C. five (5) days prior to commencing well
This card void if drilling not started within six (6) months of date received by K.C.C.

Important procedures to follow:

1. Notify District office before setting surface casing.
2. Set surface casing by circulating cement to the top.
3. File completion forms ACO-1 with K.C.C. within 90 days of well completion, following instructions on ACO-1, side 1, and including copies of wireline logs.
4. Notify District office 48 hours prior to old well workover or re-entry.
5. Prior to filing Intent, prepare a proposed plugging plan in case well is D & A, then obtain approval of plan when calling district office prior to setting surface pipe.
6. Submit plugging report (CP-4) to K.C.C. after plugging is completed.
7. Obtain an approved injection docket number before disposing of salt water.
8. Notify K.C.C. within 10 days when injection commences or terminates.
9. If an alternate 2 completion, cement in the production pipe from below any usable water to surface within 120 days of spud date.

**A Regular Section of Land
1 Mile = 5,280 Ft.**



State Corporation Commission of Kansas
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202
(316) 263-3238

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This Authorization Expires 12-31-87 Approved By Pat 7-1-87

Jay Schneider 7/11/87
Possible Spud on 7-9-87 if not too muddy
will call Collier for plugs. S.A.T. direction well 7/11/87

W/2 W/2 NE Sec. 13 Twp. 10 S, Rg. 33 X West

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ Anhydrite Dakota feet depth with 25 sxs of 60/40 pozmix, 3% gel
2nd plug @ 40' below surface feet depth with 100 sxs of ''
3rd plug @ 40 feet depth with 40 sxs of ''
4th plug @ 40 feet depth with 10 sxs of ''
5th plug @ 15 feet depth with sxs of ''
(2) Rathole with 15 sxs (b) Mousehole with sxs

NOTE: Agreement between operator and district office on plug placement and the amount of cement to be used is necessary prior to plugging. In Addition: Call district office after well is either plugged or production casing is cemented in.

(Call 7 a.m. to 5 p.m. workdays)

District office use only:

API #15- 193-20,441
Surface casing of feet set with sxs at hours - 6 1987
Alternate 1 or 2 surface pipe was used.
Alternate 2 cementing was completed @ ft. depth with sxs at 19
Hole plugged 19, agent

Stamp: AUG - 6 1987 CONSERVATION DIVISION Kansas

Stamp: JUL 2 - 1987 07-02-1987 Hays, KS