

CARD MUST BE TYPED

State of Kansas
NOTICE OF INTENTION TO DRILL

** CORRECTED INFORMATION
CARD MUST BE SIGNED

(see rules on reverse side)

Starting Date: March 21 1985
month day year

API Number 15- 007-22,023-0000

OPERATOR: License # 9697 & 9956

100W-C E/2 SE/4SE/4 Sec 4 Twp 31 S, Rge 14 East West

Name Southwest Operating, Inc. & Mariner Resources (location)

Address City Plaza West, #515 5310 E. 31st

660 Ft North from Southeast Corner of Section

City/State/Zip Tulsa, Oklahoma 74135

430 Ft West from Southeast Corner of Section

Contact Person Mel Hussey or Bob Christensen

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

Phone 316/267-8006

Nearest lease or unit boundary line 330 feet.

CONTRACTOR: License # 6349

County Barber

Name Mohawk Drilling

Lease Name Nittler Well# **4-1

City/State Great Bend, Kansas 67530

Domestic well within 330 feet: yes no

Well Drilled For: Well Class: Type Equipment:

Municipal well within one mile: yes no

Oil Swd Infield Mud Rotary

Depth to Bottom of fresh water 200 feet

Gas Inj Pool Ext. Air Rotary

Lowest usable water formation Nippewalla Group

OWWO Expl Wildcat Cable

Depth to Bottom of usable water 300 feet

If OWWO: old well info as follows:

Surface pipe by Alternate: 1 2

Operator

Surface pipe to be set 850 feet

Well Name

Conductor pipe if any required None feet

Comp Date Old Total Depth

Ground surface elevation feet MSL

Projected Total Depth 4600 feet

This Authorization Expires 9-18-85

Projected Formation at TD Arbuckle

Approved By Originally rcv'd 3-18-85 RCH/KR 3-20-85

Expected Producing Formations Simpson

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

Date 3/18/85 Signature of Operator or Agent M.C. Hussey

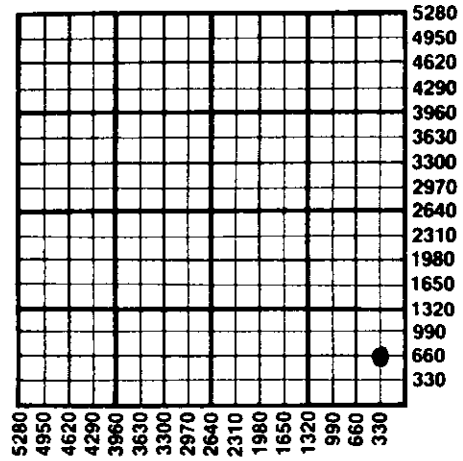
Title Geologist/Mariner Resources

WAS: Well # 14-1 IS: #4-1

WICHITA, KANSAS
 MAR 20 1985
 3-20-85

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.

STATE CORPORATION COMMISSION
 A Regular Section Land
 1 Mile = 5,280 Ft.



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 plugging, prepare a plugging plan, then obtain agreement from the appropriate district office for an approved plugging plan.
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.

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