

EFFECTIVE DATE: 9-2-90

NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date: 09/02/90 NE NE NW SW Sec 22 Twp 10 S Rg 15 East West
month day year

OPERATOR: License # 6600 4680-2040 feet from South Line of Section
2750 feet from East Line of Section

(Note: Locate well on Section Plat on Reverse Side)

Name: KARST, DON WELL SERVICE
Address: 201 EAST 29TH
City/State/Zip: HAYS KS 67601
Contact Person: DONALD C. KARST
Phone: (913) 628-1125

County: OSBORNE
Lease Name: KOELLING Well# 4
Field Name: UNKNOWN

CONTRACTOR: License # 4083
Name: WESTERN KANSAS DRILLING

Is this a Prorated Field? yes XX no
Target Formation(s): LANSING
Nearest lease or unit boundary: 600
Ground Surface Elevation: 1788 feet MSL

Well Drilled For: Well Class: Type Equipment:
XX Oil XX Inj XX Infield XX Mud Rotary
XX Gas XX Storage XX Pool Ext XX Air Rotary
XX OWWO XX Disposal XX Wildcat XX Cable
XX Seismic; XX # of Holes

Domestic well within 330 feet: yes XX no
Municipal well within one mile: yes XX no
Depth to bottom of fresh water: 80
Depth to bottom of usable water: 600
Surface Pipe by Alternate: XX 1 XX 2
Length of Surface Pipe Planned to be set: 670
Length of Conductor Pipe required: *****

If OWWO; old well information as follows:
Operator: _____
Well Name: _____
Comp Date: _____ Old Total Depth: _____

Projected Total Depth: 3450
Formation at Total Depth: ARBUCKLE
Water Source for Drilling Operations:
_____ well XX farm pond _____ other

Directional, Deviated or Horizontal Wellbore? yes XX no
If yes, total depth location: _____

DWR Permit# _____
Will Cores Be Taken? yes XX no
If yes, proposed zone: _____

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

It is agreed that the following minimum requirements will be met:

1. The appropriate district office shall be notified before setting surface pipe;
2. The minimum amount of surface pipe as specified above shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
3. If the well is dry, a plugging proposal shall be submitted to the district office. An agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
4. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
5. If an Alternate II completion, production pipe shall be cemented from below any usable water to surface within 120 days of spud date. In all cases, notify district office prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 08/28/90 Signature of Operator or Agent: _____ Title: AGENT

SEARCH, INC.

FOR KCC USE:
 API # 15- 141-20,253-00-00
 Conductor Pipe required NONE feet
 Minimum surface pipe required 620 feet per Alt. 1
 Approved by: MAW 8-28-90
 EFFECTIVE DATE: 9-2-90
 This authorization expires: 2-28-91
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

WAL
8/28
N

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

CONSERVATION DIVISION
Wichita, Kansas

AUG 28 1990

SEARCH, INC.

22
10
1500

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

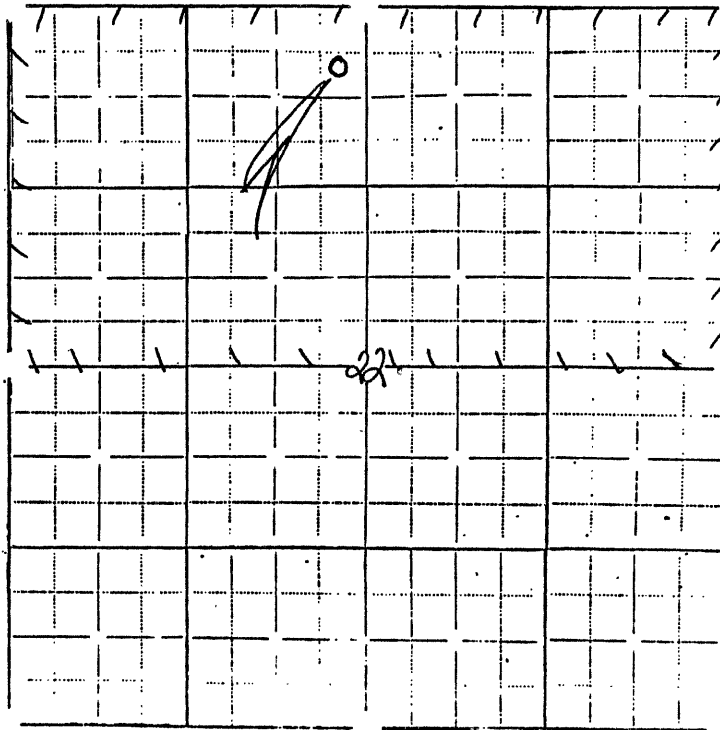
State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR KARST, DON WELL SERVICE LOCATION OF WELL:
LEASE KOELLING 4680 feet north of SE corner
WELL NUMBER 4 2750 feet west of SE corner
FIELD UNKNOWN NW Sec. 22 T 10 R 15 E/W
COUNTY OSBORNE
NO. OF ACRES ATTRIBUTABLE TO WELL _____ IS SECTION REGULAR IRREGULAR?
DESCRIPTION OF ACREAGE NW CORNER BOUNDARY.
IF IRREGULAR, LOCATE WELL FROM NEAREST

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.

non-prorated field *

PLAT



In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same common source of supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Signature of Operator or Agent [Signature]

Date 08/28/90 Title SEARCH, INC. / AS AGENT