

EFFECTIVE DATE: 9-15-90

FORM MUST BE TYPED
FORM C-1 4/90

State of Kansas

NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

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

Expected Spud Date October 5 1990
month day year

- - E2 SW Sec 14 Twp 33 S, Rg 12 X East West

OPERATOR: License # 03384 R.J. Sullivan d/b/a
Name: Sullivan and Company
Address: Suite 1700, 320 S. Boston
City/State/Zip: Tulsa, OK 74103
Contact Person: Dale E. Dawson
Phone: (918) 584-4288

1350 feet from South line of Section
3200 feet from East line of Section
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: Unknown
Name: Not selected

County: Barber
Lease Name: M. Harbaugh Well #: 1
Field Name: Rhodes

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

Is this a Prorated Field? ... yes X no
Target Formation(s): Douglas Sand
Nearest lease or unit boundary: 1350'
Ground Surface Elevation: 1439 feet MSL
Domestic well within 330 feet: ... yes X no
Municipal well within one mile: ... yes X no
Depth to bottom of fresh water: 100'
Depth to bottom of usable water: 150'
Surface Pipe by Alternate: X 1 ... 2
Length of Surface Pipe Planned to be set: 300'
Length of Conductor pipe required: as required
Projected Total Depth: 3900'

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

Formation at Total Depth: Douglas Sand
Water Source for Drilling Operations:
... well ... farm pond X other

Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, total depth location: _____

DWR Permit #: _____
Will Cores Be Taken?: ... yes X 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: 09-06-90 Signature of Operator or Agent: Dale E. Dawson Title: Production and Operations Manager

FOR KCC USE:

API # 15- 007-22331-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 200 feet per Alt. ① X
 Approved by: Dg 9-10-90
 EFFECTIVE DATE: 9-15-90
 This authorization expires: 3-10-91
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

RECEIVED
STATE COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
SEP 10 1990

14
33
12

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.

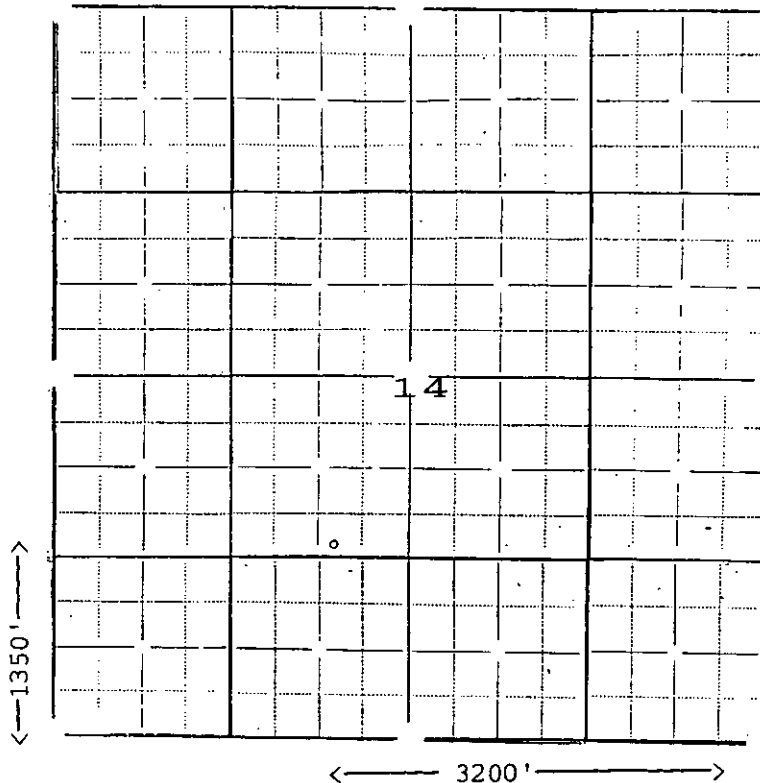
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR Sullivan and Company LOCATION OF WELL:
 LEASE M. Harbaugh 1350 feet north of SE corner
 WELL NUMBER 1 3200 feet west of SE corner
 FIELD W/C Sec. 14 T 33 R 12 ~~E~~/W
 COUNTY Barber
 NO. OF ACRES ATTRIBUTABLE TO WELL 160 IS SECTION X REGULAR IRREGULAR?
 E/2 SW/4 & W/2 SE/4 IF IRREGULAR, LOCATE WELL FROM NEAREST
 DESCRIPTION OF ACREAGE Sec 14-33S-12W CORNER BOUNDARY.

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

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 Dale E. Dawson
 Dale E. Dawson
 Date 09-06-90 Title Production and Operations Manager