

EFFECTIVE DATE: 12-11-90

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 ... December 5, 1990 ...
month day year

.NE. .SE. NE.. Sec .18. Twp .31. S, Rg B... East West

..... 3630 feet from South line of Section ✓
..... 330 feet from East line of Section ✓
(Notes Locate well on Section Plat on Reverse Side)

OPERATOR: License # 5428
Name: GRAVES DRILLING CO., INC.
Address: P.O. Box 8250
City/State/Zip: Wichita, KS 67208
Contact Person: Fredrick W. Stump
Phone: (316) 687-2777

County: Harper ✓
Lease Name: .. JANE Well #: .. 1 ✓
Field Name: .. Spivay-Grabs ✓
Is this a Prorated field? yes no ✓
Target formation(s): .. Mississippian ✓
Nearest lease or unit boundary: .. 330' ✓
Ground Surface Elevations: 1665 feet MSL ✓
Domestic well within 330 feet: yes no ✓
Municipal well within one mile: yes no ✓
Depth to bottom of fresh waters: 110' ✓
Depth to bottom of usable waters: 200' ✓
Surface Pipe by Alternate: 1 2 ✓
Length of Surface Pipe Planned to be set: .. 240' ✓
Length of Conductor pipe required: 240' ✓
Projected Total Depth: 4475' ✓
Formation at Total Depth: Mississippian ✓

CONTRACTOR: License #: 5864
Name: LOBO DRILLING COMPANY

Water Source for Drilling Operations:
..... Well farm pond other ✓
DWR Permit #:
Will Cores Be Taken?: yes no ✓
If yes, proposed zones:

Well Drilled for:	Well Class:	Type Equipment:
<input checked="" type="checkbox"/> Oil ... Inj	... Infield	<input checked="" type="checkbox"/> Mud Rotary ✓
... Gas ... Storage	<input checked="" type="checkbox"/> Pool Ext.	... Air Rotary
... GWD ... Disposal	... Wildcat	... Cable
... Specialty ... # of Holes		

If GWD: old well information as follows:
Operator:
Well Name:
Comp. Dates: Old Total Depth:

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

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: 12/3/90 Signature of Operator or Agent: Dale J. Byers Title: Agent

FOR KCC USE:

API # 15- 077-31,228-0000
 Conductor pipe required None feet
 Minimum surface pipe required 250 feet per Alt (1) ✓
 Approved by: MDW 12-6-90
 EFFECTIVE DATE: 12-11-90
 This authorization expires: 6-6-91
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

RECEIVED
 STATE COORDINATE COMMISSION
 DEC 6 1990
 12-6-90
 CONSERVATION DIVISION
 WICHITA, KANSAS

18
31
8W

REMEMBER TO:

- File Drill Pit Application (form COP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- file acreage attribution plat according to field prorations 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

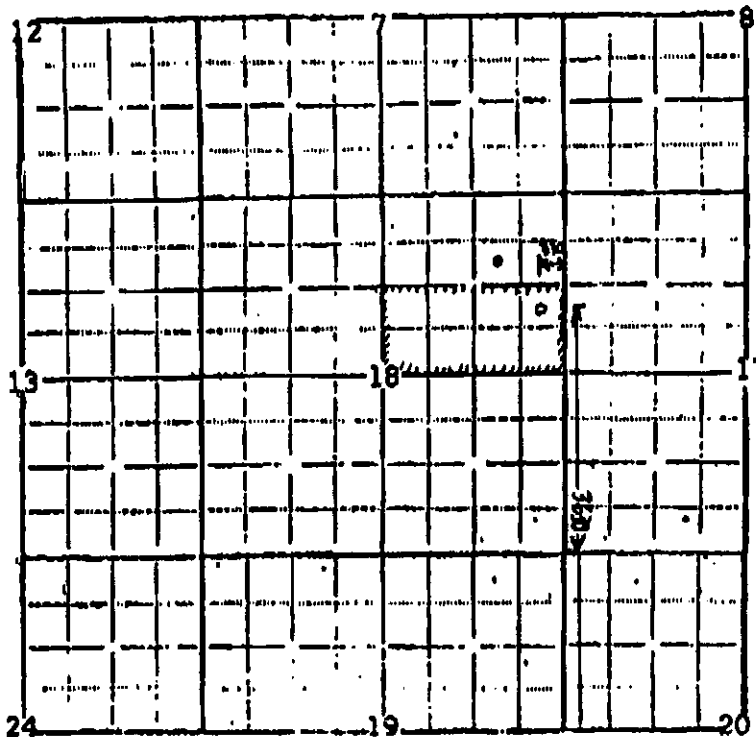
REVISED

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

OPERATOR GRAVES DRILLING CO., INC. LOCATION OF WELL:
 LEASE JANE 3630 feet north of SE corner
 WELL NUMBER 1 330 feet west of SE corner
 FIELD Spivey-Grabs Sec. 18 T 31S R 8 / E/W
 COUNTY Harper
 NO. OF ACRES ATTRIBUTABLE TO WELL 80 IS SECTION x REGULAR IRREGULAR?
 DESCRIPTION OF ACREAGE SW NE 1/4 IF IRREGULAR, LOCATE WELL FROM NEAREST
 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 Darryl S. Byers
 Date 12/3/90 Title Agent