

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 2-7-98
DISTRICT # 4
SGA? Yes ~~No~~

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE TYPED
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 February 3, 1998
month day year

Spot _____ East
NW NW - NE Sec 28 Twp 10 S, Rg 19 X West

OPERATOR: License # 5663
Name: Hess Oil Company
Address: P. O. Box 1009
City/State/Zip: McPherson, KS 67460
Contact Person: Bryan Hess
Phone: 316-241-4640

..... 330 feet from / North line of Section
..... 2310 feet from East / line of Section
IS SECTION _____ REGULAR X IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)

CONTRACTOR: License #: 4958
Name: Mallard JV, Inc.

County: Rooks

Lease Name: IRENE Well #: 1

Field Name:

Is this a Prorated/Spaced Field? yes ..X.. no

Target Formation(s): Arbuckle

Nearest lease or unit boundary: 330'

Ground Surface Elevation: 2167' est. feet MSL

Water well within one-quarter mile: yes ..X.. no

Public water supply well within one mile: yes ..X.. no

Depth to bottom of fresh water: 180'

Depth to bottom of usable water: 1080' 780'

Surface Pipe by Alternate: 1 ..X.. 2

Length of Surface Pipe Planned to be set: 200'

Length of Conductor pipe required: NA

Projected Total Depth: 3800'

Formation at Total Depth: Arbuckle

Water Source for Drilling Operations:

... well ..X.. farm pond other

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

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

Directional, Deviated or Horizontal wellbore? yes ..X.. no

If yes, true vertical depth:

Bottom Hole Location:

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. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below 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;
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. 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: 1/28/98 Signature of Operator or Agent: Bryan Hess Title: Bryan Hess, Mgr.

FOR KCC USE:
API # 15- 163-233020000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. X(2)
Approved by: JK 2-2-98

This authorization expires: 8-2-98
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202.

RECEIVED
STATE BOARD OF CONSERVATION

JAN 30 1998

28
10
1998

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

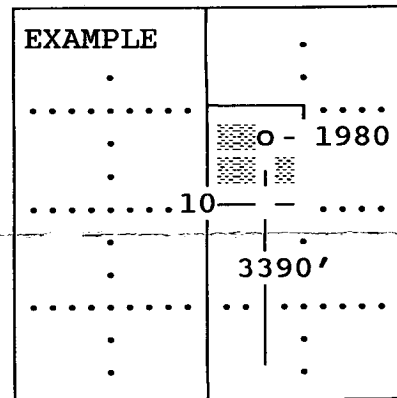
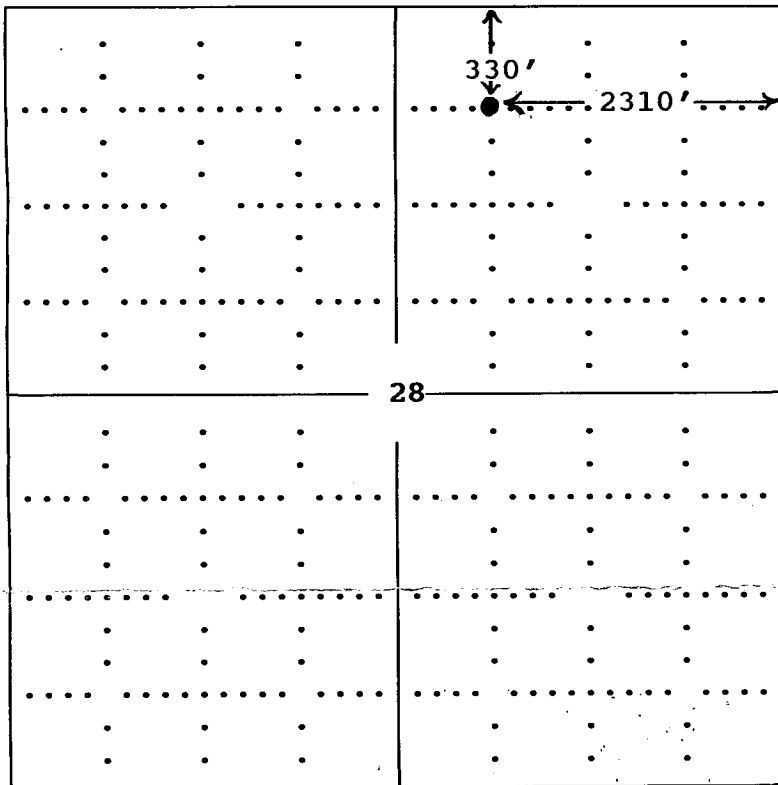
API NO. 15- _____
 OPERATOR Hess Oil Company LOCATION OF WELL: COUNTY _____ Rooks
 LEASE Irene 330 feet from _____ /North line of section
 WELL NUMBER 1 2310 feet from East/ _____ line of section
 FIELD _____ SECTION 28 TWP 10 RG 19 W

NUMBER OF ACRES ATTRIBUTABLE TO WELL _____ IS SECTION X REGULAR or _____ IRREGULAR
 QTR/QTR/QTR OF ACREAGE _____ - _____ - _____ **IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.**

Section corner used: _____ NE _____ NW _____ SE _____ SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)
 (Show footage to the nearest lease or unit boundary line.)



SEWARD CO.

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 sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease or unit boundary line.