

EFFECTIVE DATE: 10-21-90

\*\*CORRECTION\*\*

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 November 30, 1990 \*\* NW NW SW Sec 17 Twp 31 S, Rg 18 East  
month day year \*\* X West

OPERATOR: License # 3646  
Name: HAVEN ENERGY CORPORATION  
Address: 10 Desta Drive - Suite LL130  
City/State/Zip: Midland, Texas 79705  
Contact Person: Craig Morris  
Phone: 915/683-0896

\*\* 2310 feet from South line of Section  
\*\* 4950 feet from East line of Section  
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: 5929  
Name: DUKE DRILLING CO., INC.

County: Comanche  
Lease Name: Burkhall Well #: 1  
Field Name: Wildcat

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

Is this a Prorated Field? ... yes  no  
Target formation(s): Lansing, Mississippi  
Nearest lease or unit boundary: 330'  
Ground Surface Elevation: Unknown feet MSL  
Domestic well within 330 feet: ... yes  no  
Municipal well within one mile: ... yes  no  
Depth to bottom of fresh water: 200' 180'  
Depth to bottom of usable water: 200'  
Surface Pipe by Alternate:  1 ... 2  
Length of Surface Pipe Planned to be set: 400'  
Length of Conductor pipe required: N/A  
Projected Total Depth: 5300  
Formation at Total Depth: Mississippi

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

Water Source for Drilling Operations:  
... well ... farm pond  ... other

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

DWR Permit #: \_\_\_\_\_  
Will Cores Be Taken?: ... yes  no  
If yes, proposed zone: \_\_\_\_\_

\*\*WAS: C-NW-SW  
1980' FSL & 4620' FEL

**AFFIDAVIT**

15: NW NW SW; 2310 FSL; 4950'

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: 11/20/90 Signature of Operator or Agent: Sally R. Byers Title: Agent

FOR KCC USE:

API # 15-033-20,796-0000  
 Conductor pipe required None feet  
 Minimum surface pipe required 330 feet per Alt. 1  
 Approved by: MW 11-28-90: aug 10-16-90  
 EFFECTIVE DATE: 10-21-90  
 This authorization expires: 4-16-91  
 (This authorization void if drilling not started within 6 months of effective date.)  
 Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION

NOV 21 1990  
11-21-90  
CONSERVATION DIVISION  
Wichita, Kansas

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: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

17  
31  
18W

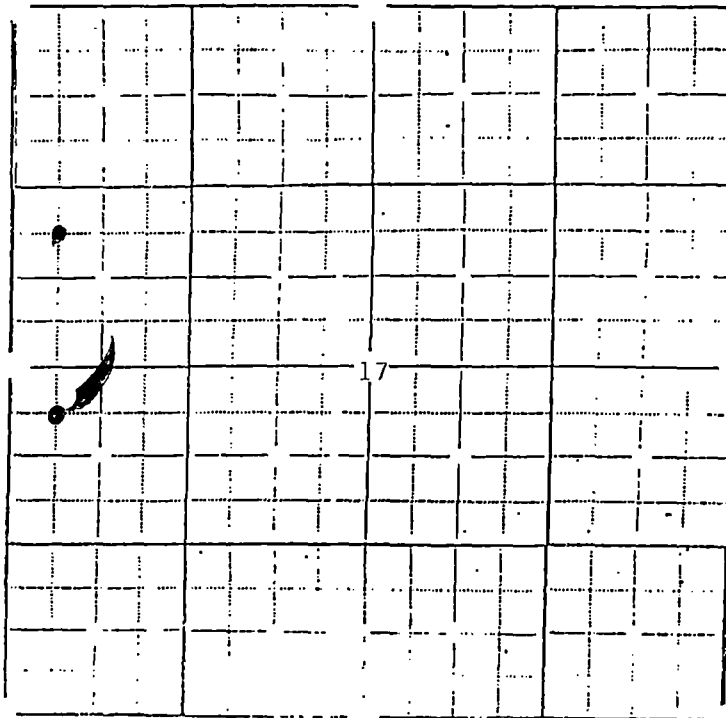
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR HAVEN ENERGY CORPORATION LOCATION OF WELL:  
 LEASE BURKHALL 2310 feet north of SE corner  
 WELL NUMBER 1 4950 feet west of SE corner  
 FIELD Wildcat SW/4 Sec. 17 T. 31S R. 18 ~~EXW~~  
 COUNTY Comanche  
 NO. OF ACRES ATTRIBUTABLE TO WELL 10 IS SECTION REGULAR IRREGULAR?  
 DESCRIPTION OF ACREAGE SW/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.: section, 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 or 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 Sally R. Byers  
 Date November 20, 1990 Title Sally R. Byers Agent

WLOG

DRILLER'S WELL LOG

BURKHALL #1  
NW NW SW  
Section 17-31S-18W  
Comanche County, Kansas

HAVEN ENERGY CORPORATION  
COMMENCED: December 14, 1990  
COMPLETED: December 29, 1990

ELEVATIONS: 2210' GL 2218' KB

0' - 130' Surface Soil  
130' - 636' Surface and Red Beds  
636' - 1200' Shale  
1200' - 1680' Shale and Sand  
1680' - 2070' Shale  
2070' - 2420' Shale and Lime  
2420' - 3400' Shale  
3400' - 4040' Lime and Shale  
4040' - 4625' Shale and Lime  
4625' - 5016' Lime and Shale  
5016' - 5265' Shale and Lime  
5265' RTD


Surface Casing: Set 15 jts. 8-5/8"  
x 23# at 633' Cemented with 320 sx  
60/40 Pozmix, 2% gel, 3% cc

Production Casing: Set 152 jts.  
5 1/2"x15.5# at 5252'. Cemented with  
125 sacks Surfill, 5# Gilsonite  
per sack.

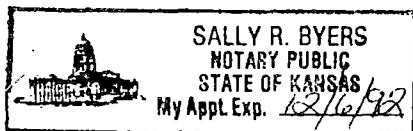
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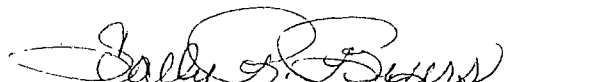
STATE OF KANSAS )  
 ) SS:  
COUNTY OF SEDGWICK )

Ralph R. Hamilton, of lawful age, does swear and state that  
the facts and statements herein are true and correct to the best of his knowledge.

  
Ralph R. Hamilton

Subscribed and sworn to me this 31st day of December, 1990.



  
Sally R. Byers NOTARY PUBLIC

My Commission Expires: December 6, 1992.

KCC

DEC 01 1991  
1-2-91