

KANSAS GEOLOGICAL SURVEY
Office of the Director

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047
913-864-3965

February 26, 1992

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

Dear Sir:

Attached is a new "Intention-to-drill" notice and "Application for surface pond" for a 20-foot offset to the Kansas Geological Survey Edmonds #1 core hole in Leavenworth County. Because of minor problems, we had to abandon our efforts at 890 feet on a hole planned for 1200 feet. This planned boring is for an offset hole 20 feet north of the present location and using the same drill pit. Plans are to core the entire boring from approximately 120 feet of depth. Cores will probably be retained for the 700'-1200' interval. However, select intervals of geological interest could be retained above 700 feet.

Should you have questions about these requests please contact me at the Kansas Geological Survey.

Sincerely,

Lawrence L. Brady

LLB/dd

EFFECTIVE DATE:

State of Kansas

FORM MUST BE TYPED

DISTRICT #

NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED

SGA? Yes No

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

ALL BLANKS MUST BE FILLED

Expected Spud Date March 16 1992
month day year

Spot SE NW SW Sec 35 Twp 9 S Rg 22 East West

OPERATOR: License # NA State Research agency
Name: Kansas Geological Survey
Address: 1930 Constant Ave., Campus West
City/State/Zip: Lawrence, KS 66047
Contact Person: Lawrence L. Brady
Phone: (913) 864-3965

1360 feet from South North line of Section
1195 feet from East West line of Section
IS SECTION X REGULAR IRREGULAR

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Leavenworth
Lease Name: O. Edmonds Well #: 1A

CONTRACTOR: License # NA State Research agency
Name: Kansas Geological Survey

Field Name:
Is this a Prorated/Spaced Field? yes X no
Target Formation(s): top of Mississippian

Well Drilled For: Well Class: Type Equipment:
Oil Enh Rec Infield X Mud Rotary
Gas Storage Pool Ext. Air Rotary
OWWO Disposal Wildcat Cable
Seismic: 1. # of Holes X Other
X Other core stratigraphic

Nearest lease or unit boundary: NA
Ground Surface Elevation: 940 feet MSL

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

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: 75'

Directional, Deviated or Horizontal wellbore? yes X no
If yes, true vertical depth:
Bottom Hole Location:

Depth to bottom of usable water: 440'
Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 120'

Length of Conductor pipe required: NA
Projected Total Depth: 1200'
Formation at Total Depth: Mississippian

Water Source for Drilling Operations:
... well ... farm pond X other
DWR Permit #: NA

Will Cores Be Taken?: X yes no
If yes, proposed zone: 700'-1200'
possibly 50' to 700'

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: 2/26/92 Signature of Operator or Agent: Lawrence L. Brady Title: Associate Director (Geologist)

FOR KCC USE:
API # 15-
Conductor pipe required _____ feet
Minimum surface pipe required _____ feet per Alt. 1 2
Approved by: _____
This authorization expires: _____
(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.

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 _____
 LEASE _____
 WELL NUMBER _____
 FIELD _____

LOCATION OF WELL: COUNTY _____
 _____ feet from south/north line of section
 _____ feet from east/west line of section
 SECTION _____ TWP _____ RG _____

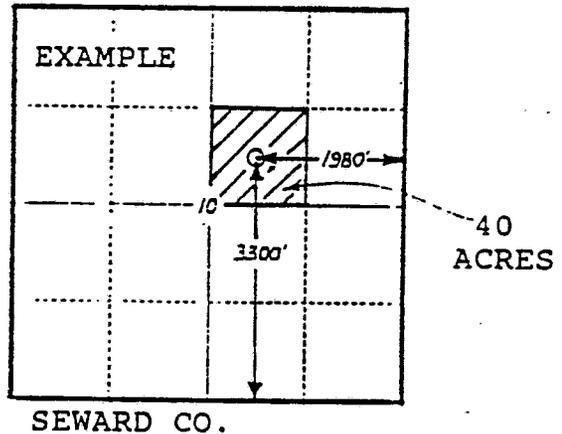
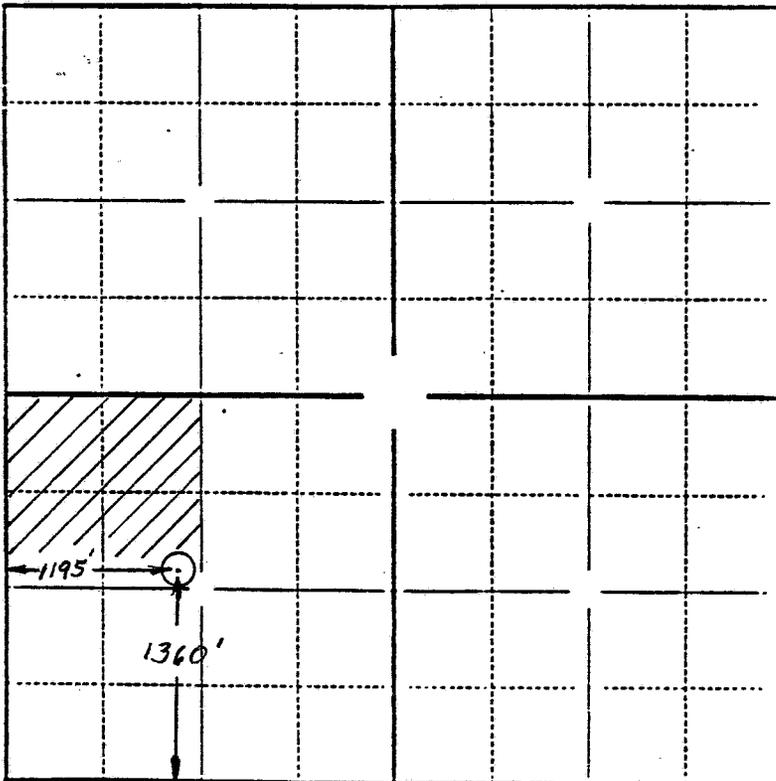
NUMBER OF ACRES ATTRIBUTABLE TO WELL _____
 QTR/QTR/QTR OF ACREAGE _____ - _____ - _____

IS SECTION _____ REGULAR or _____ IRREGULAR
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.)



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 lines; and
- 3) the distance to the nearest lease or unit boundary line.

New Application
 Reauthorization
 (Permit No. _____)

KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION
 202 West First
 200 Colorado Derby Building
 Wichita, Kansas 67202-1286

Form CDP-1
 07/91

APPLICATION FOR SURFACE POND

FORM MUST BE TYPED

Submit in Duplicate

Operator Name Kansas Geological Survey		License No. NA
Operator Address 1930 Constant Ave., Campus West, The University of Kansas, Lawrence, KS 66047-3726		
Contact Person Lawrence L. Brady		Phone No. (913) 864-3965
Lease Name O. Edmonds	Pit is ____ Proposed <input checked="" type="checkbox"/> Existing If existing, date constructed 11/8/91	Pit Location SW Qtr. Sec. 35 Twp. 35 Rge. 22 <input checked="" type="checkbox"/> W 1340 Ft <input checked="" type="checkbox"/> N/S (circle one) of Section Line 1180 Ft <input checked="" type="checkbox"/> E/W (circle one) of Section Line
Type of Pond: _____ Burn Pit _____ Emergency Pit _____ Workover Pit _____ Treatment Pit <input checked="" type="checkbox"/> Drilling Pit	Pit capacity 85 (bbls)	Leavenworth County
Is the pit located in a Sensitive Ground Water Area? _____ Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l
Is Pit bottom below ground level? <input checked="" type="checkbox"/> Yes _____ No	Artificial liner? <input checked="" type="checkbox"/> Yes _____ No	How is pit lined if a plastic liner is not used?
What is the hydraulic conductivity of the bottom and sides of the pit?	How was the conductivity determined?	Pit dimensions (all but working pits): 2 trenches 10 Length (ft) 3 Width (ft) Depth from ground level to deepest point 4 feet.
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Both trenches are double lined with 6-mil black plastic sheeting.	Describe procedures for periodic maintenance and deterring liner integrity, including any special monitoring. Because of small size of pits - visual observation. Look for loss of fluid or leaks on side of hill.	
Distance to nearest water well within one-mile of pit NA ft. Depth of water well _____ ft.	Depth to shallowest fresh water 75 feet. Source of information: _____ measured _____ well owner _____ electric log _____ KDWR	
EMERGENCY, TREATMENT AND BURN PITS ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pond? _____ Yes _____ No	DRILLING AND WORKOVER PITS ONLY: Type of material utilized in drilling/workover water Number of working pits to be utilized 2 trenches Abandonment procedure: backfill with excavated soil Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.		
2/27/92 Date		Lawrence L. Brady Signature of Applicant or Agent
KCC OFFICE USE ONLY		
Date Rec'd _____	Permit No. _____	Permit Date _____ Lease Inspection _____ Yes _____ No