

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

Expected Spud Date November 20, 1989
month day year

C SW SE Sec 14 : Twp 20 S, Rg 40 East
X West

OPERATOR: License # 7271
Name: Bartling Oil Company
Address: 8550 Katy Freeway, Suite 128
City/State/Zip: Houston, Texas 77024
Contact Person: Tab Bartling
Phone: (713) 465-1093

660 feet from South line of Section
1980 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: ADVISE ON ACO-1
Name: ADVISE ON ACO-1

County: Greeley
Lease Name: SPEARS Well #: 3
Field Name: Bradshaw
Is this a Prorated Field? yes no
Target Formation(s): Chase
Nearest lease or unit boundary: 660'
Ground Surface Elevations: 3,563 feet MSL
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no
Depth to bottom of fresh water: 200 feet 280'
Depth to bottom of usable water: 1400 feet
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 300 feet
Length of Conductor pipe required:
Projected Total Depth: 2,910 feet
Formation at Total Depth: Chase
Water Source for Drilling Operations:
well farm pond other
DWA Permit #:
Will Cores Be Taken?: yes no
If yes, proposed zone:

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

If OWD: old well information as follows:

Operator:
Well Name:
Comp. Date: Old Total Depth

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

LOAs: R. 39W.

IS: R. 40W.

AFFIDAVIT

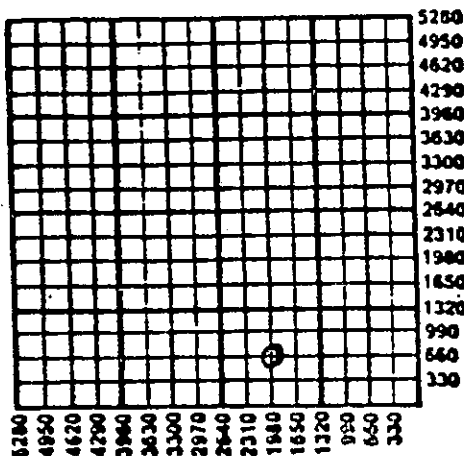
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: Nov 6, 1989 Signature of Operator or Agent: [Signature] Title: President



12-19-1989
DFC

FOR KCC USE:

API # 15-071-29484-0000
Conductor pipe required ADDFE feet
Minimum surface pipe required 300' feet per Alt. (2)
Approved by: DFW 12-22-89; ORG 11-14-89
EFFECTIVE DATE: 11-19-89
This authorization expires: 5-14-90
(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.