

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

Expected Spud Date ..February.....20.....1989.....
month day year

SW SW SW Sec 5 Twp 16 S, Rg 41 East
West

OPERATOR: License # 4655
Name: BHP. PETROLEUM (AMERICAS). INC.
Address: 1560 Broadway, Ste. 1900
City/State/Zip: Denver, Colorado 80202
Contact Person: Chuck Williams/ Steve Hardy
Phone: (303) 863-3500

330
4950 feet from South line of Section
feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 6033
Name: MURFIN

County: Greeley
Lease Name: Murphy Well #: 13-5
Field Name: Wildcat
Is this a Prorated Field? yes X no

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

Target Formation(s):
Nearest lease or unit boundary: 330'
Ground Surface Elevation: 3741 feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water: 280 300'
Depth to bottom of usable water: 1750
Surface Pipe by Alternate: 1 X 2

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CONSERVATION DIVISION
Wichita, Kansas

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

Length of Surface Pipe Planned to be set: 300 325'
Length of Conductor pipe required:
Projected Total Depth: 5250
Formation at Total Depth: Morrow
Water Source for Drilling Operations:
X well farm pond other

Directional, Deviated or Horizontal wellbore? yes X no
If yes, total depth location: N/A

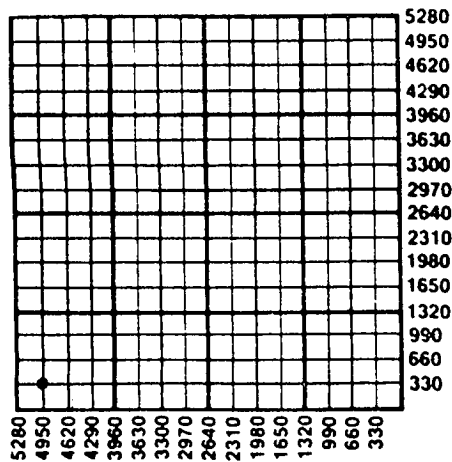
DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zone:

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:
- The appropriate district office shall be notified before setting surface pipe;
 - 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;
 - 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;
 - The appropriate district office will be notified before well is either plugged or production casing is cemented in;
 - 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: 2/16/89 Signature of Operator or Agent: Chuck Williams Title: Administrator, Field Services



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Wichita, Kansas
02-20-89

FOR KCC USE:
API # 15-071-20469-00-00
Conductor pipe required _____ feet
Minimum surface pipe required 325 feet per Alt. X(2)
Approved by: LKM 2-21-89
EFFECTIVE DATE: 2-26-89
This authorization expires: 8-21-89
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

5
16
41W

- 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.