

For KCC Use:  
Effective Date: 08/08/2012  
District # 1  
SGA? ☐ Yes ☒ No

KANSAS CORPORATION COMMISSION 1089351  
OIL & GAS CONSERVATION DIVISION

Form C-1  
March 2010  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well  
Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: 12/15/2012  
month day year

OPERATOR: License# 34662  
Name: Tug Hill Operating, LLC  
Address 1: 550 BAILEY AVE, STE 510  
Address 2:  
City: FT. WORTH State: TX Zip: 76107 +  
Contact Person: Winnie Scott  
Phone: 817-632-3400

CONTRACTOR: License# 34670  
Name: Patterson-UTI Drilling Company LLC

Well Drilled For: ☒ Oil ☐ Enh Rec ☐ Infield ☒ Mud Rotary  
☒ Gas ☐ Storage ☐ Pool Ext. ☐ Air Rotary  
☐ Disposal ☒ Wildcat ☐ Cable  
☐ Seismic; # of Holes ☐ Other  
☐ Other:  
☐ If OWWO: old well information as follows:

Operator:  
Well Name:  
Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? ☒ Yes ☐ No  
If Yes, true vertical depth: 4800  
Bottom Hole Location: 330 FSL & 660 FWL  
KCC DKT #:

Top of salt @ appr. 2050'. Max. surface casing 1600'  
(Anhy.).

Spot Description:  
N2 - N2 - NW - NW Sec. 19 Twp. 23 S. R. 23 ☐ E ☒ W  
(0000) 200 feet from ☒ N / ☐ S Line of Section  
660 feet from ☐ E / ☒ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Hodgeman  
Lease Name: MacNair Trust Well #: 1-19H  
Field Name: Unknown

Is this a Prorated / Spaced Field? ☐ Yes ☒ No

Target Formation(s): Mississippian

Nearest Lease or unit boundary line (in footage): 330

Ground Surface Elevation: 2413 Estimated feet MSL

Water well within one-quarter mile: ☐ Yes ☒ No

Public water supply well within one mile: ☐ Yes ☒ No

Depth to bottom of fresh water: 180

Depth to bottom of usable water: 720

Surface Pipe by Alternate: ☒ I ☐ II

Length of Surface Pipe Planned to be set: 900

Length of Conductor Pipe (if any): 100

Projected Total Depth: 10000

Formation at Total Depth: Mississippian

Water Source for Drilling Operations:

☒ Well ☐ Farm Pond ☐ Other:

DWR Permit #: (Note: Apply for Permit with DWR ☐)

Will Cores be taken? ☐ Yes ☒ 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 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. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing.

Submitted Electronically

For KCC Use ONLY  
API # 15 - 15-083-21827-01-00  
Conductor pipe required 0 feet  
Minimum surface pipe required 740 feet per ALT. ☒ I ☐ II  
Approved by: Rick Hestermann 08/03/2012  
This authorization expires: 08/03/2013  
(This authorization void if drilling not started within 12 months of approval date.)  
Spud date: Agent:

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

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- 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 (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

☒ Well will not be drilled or Permit Expired Date: 9/6/12  
Signature of Operator or Agent: Winnie Scott

RECEIVED  
SEP 12 2012  
KCC WICHITA

19 23 23  
☐ E ☒ W