

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR SURFACE PIT**

Form CDP-1  
April 2004  
Form must be Typed

*Submit in Duplicate*

Operator Name: Noble Energy, Inc		License Number: 33190 ✓	
Operator Address: 1625 Broadway, Suite 2200			
Contact Person: Erin K Joseph		Phone Number: 303-228-4089	
Lease Name & Well No.: Hitz 2		Pit Location (QQQQ): C SW NW	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 200' (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Artificial Liner? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?		Stafford _____ County	
Pit dimensions (all but working pits): 20 Length (feet) 10 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 7 (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.  6 mil poly, installed in bottom of pit, up all sides and held in place w/ soil around edges		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.  Monitor fluid Level to assure no fluid loss	
Distance to nearest water well within one-mile of pit 883 feet    Depth of water well 79 feet		Depth to shallowest fresh water 25 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> 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 pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: salt water / mud Number of working pits to be utilized: 1 Abandonment procedure: All loose fluid will be picked up by a vacuum truck and pit will be backfilled 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.  11/08/10 Date		RECEIVED NOV 10 2010 KCC WICHITA Signature of Applicant or Agent	
<b>KCC OFFICE USE ONLY</b> Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input type="checkbox"/>			
Date Received: 11-10-10    Permit Number: 15-185-111690000    Permit Date: 11-10-10    Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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



Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner

November 10, 2010

Noble Energy, Inc.  
1625 Broadway Ste 2200  
Denver, CO 80202

Re: Workover Pit Application  
Hitz #2  
NW/4 Sec. 07-22S-12W  
Stafford County, Kansas

Dear Sir or Madam:

District staff has reviewed the above referenced location and has determined the pit must be **lined and fluids removed within after completion**. A plastic liner with the minimum thickness of **6 mil** is to be used. Integrity of the liner must be maintained at all times.

The fluids must be removed from the pit after workover operations have ceased. The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (April 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: [www.kcc.state.ks.us/conservation/forms](http://www.kcc.state.ks.us/conservation/forms).

If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

Kathy Haynes

Department of Environmental Protection and Remediation

Cc: district

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802

(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>

WORKOVER PIT APPLICATION  
VERBAL AUTHORIZATION

RECEIVED  
NOV 10 2010  
KCC WICHITA

DATE: 11/5/10 TIME: 1516  
OPERATOR: Noble Energy CONTACT PERSON: Tom Karst  
LEASE NAME: Hitz #2  
C-SW-NW SEC. 7 TWP. 22S RANGE 12W W COUNTY: Stafford

CONSTRUCTION:  
SIZE: WIDTH \_\_\_\_\_ LENGTH \_\_\_\_\_ DEPTH \_\_\_\_\_  
ESTIMATED CAPACITY 200 BBLS

EST. DEPTH TO GROUNDWATER (if known): shallow  
TYPE OF FLUID: \_\_\_\_\_ Saltwater  
 Cement  Workover Fluids  
\_\_\_\_\_ Drilling Mud/Cuttings

DOES OPERATOR PLAN TO LINE PIT:  YES \_\_\_\_\_ NO  
ESTIMATED TIME BEFORE PIT WILL BE CLOSED: 14 Days  
ANY KNOWN WATER WELLS WITHIN 1/4 MILE OF PIT:  YES \_\_\_\_\_ NO

K.C.C. INFORMATION: IS PIT IN SGA?  YES \_\_\_\_\_ NO

- K.C.C. DISTRICT #1 RECOMMENDATION (Check One):
- 1. Authorization granted with no liner.
  - 2. Authorization granted, if pit is lined.
  - 3. Authorization granted, no liner necessary, but free fluids must be removed within \_\_\_\_\_ hours of completion of workover/plugging operations.
  - 4. No verbal authorization will be given without on-site inspection.

\*Remind operator that pit permit form must be filed within five (5) days after verbal authorization.

RESULTS OF INSPECTION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Eric M. Lamm Agent Date 11/5/10