



KANSAS CORPORATION COMMISSION 1048183  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
May 2010  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

Submit in Duplicate

|  |  |  |  |
|--|--|--|--|
| Operator Name: Pioneer Natural Resources USA, Inc.   |  | License Number: 4824   |  |
| Operator Address: 5205 N O CONNOR BLVD   |  | IRVING TX 75039  |  |
| Contact Person: Lyndal Moreno  |  | Phone Number: 972-969-3941   |  |
| Lease Name & Well No.: Panama 12-HR  |  | Pit Location (QQQQ):   |  |
| Type of Pit:<br><input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit<br><input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit<br><input checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit<br><small>(If WP Supply API No. or Year Drilled)</small><br>1949 |  | Pit is:<br><input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing<br>If Existing, date constructed: _____<br>Pit capacity:<br>400 _____ (bbbls)  |  |
| Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  | Chloride concentration: _____ mg/l<br><small>(For Emergency Pits and Settling Pits only)</small>   |  |
| Is the bottom below ground level?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  | Artificial Liner?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Pit dimensions (all but working pits):    30    Length (feet)    15    Width (feet)  |  | <input type="checkbox"/> N/A: Steel Pits   |  |
| Depth from ground level to deepest point:    5    (feet)   |  | <input type="checkbox"/> No Pit  |  |
| If the pit is lined give a brief description of the liner material, thickness and installation procedure.  |  | Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.  |  |
| Distance to nearest water well within one-mile of pit:<br>_____ feet    Depth of water well    470    feet   |  | Depth to shallowest fresh water    200    feet.<br>Source of information:<br><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><br>Producing Formation: _____<br>Number of producing wells on lease: _____<br>Barrels of fluid produced daily: _____<br>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><br>Type of material utilized in drilling/workover:    frac fluids<br>Number of working pits to be utilized:    1<br>Abandonment procedure:    Evaporation and backfill<br>_____<br>Drill pits must be closed within 365 days of spud date. |  |
| Submitted Electronically   |  |  |  |

|                            |                                   |   |   |
|----------------------------|-----------------------------------|---|---|
| <b>KCC OFFICE USE ONLY</b> |                                   |   |   |
| Date Received: 12/14/2010  | Permit Number: 15-189-22498-01-00 | Permit Date: 12/15/2010   | Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                            |                                   | <input checked="" type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input checked="" type="checkbox"/> RFAC <input type="checkbox"/> RFAS |   |

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*

December 15, 2010

Lyndal Moreno  
Pioneer Natural Resources USA, Inc.  
5205 N O CONNOR BLVD  
IRVING, TX 75039-3707

Re: Drilling Pit Application  
Panoma 12-HR  
Sec.12-31S-38W  
Stevens County, Kansas

Dear Lyndal Moreno:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the Workover pit be lined. If a plastic liner is to be used it must have a minimum thickness of 10 mil. Integrity of the liner must be maintained at all times.

**NO completion fluids or non-exempt wastes shall be placed in the Workover pit.**

The free fluids in the Workover pit should be removed as soon as practical after drilling 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 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.

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

DATE: 12/13/10 TIME: 10:15am  
OPERATOR: Pioneer Natural Resources CONTACT PERSON: Steve Haddock  
LEASE NAME: Panoma 1-12 HR  
APP C SW SEC. 12 TWP. 31 RANGE 38 W COUNTY: Stevens

CONSTRUCTION:  
SIZE: WIDTH \_\_\_\_\_ LENGTH \_\_\_\_\_ DEPTH \_\_\_\_\_  
ESTIMATED CAPACITY 100 BBLS

EST. DEPTH TO GROUNDWATER (if known): \_\_\_\_\_

TYPE OF FLUID:  Saltwater \_\_\_\_\_ Workover Fluids  
 Cement \_\_\_\_\_ Drilling Mud/Cuttings

DOES OPERATOR PLAN TO LINE PIT: \_\_\_\_\_ YES  NO  
ESTIMATED TIME BEFORE PIT WILL BE CLOSED: 30 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 when done 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.

RECEIVED  
DEC 14 2010  
KCC WICHITA

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

Steve Pfeiffer/SD Agent Date 12-13-10