



KANSAS CORPORATION COMMISSION 1065456  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
May 2010  
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Noble Energy, Inc.		License Number: 33190
Operator Address: 1625 Broadway, Ste 2200		DENVER CO 80202
Contact Person: Liz Lindow		Phone Number: 303-228-4342
Lease Name & Well No.: CARMICHAEL 4		Pit Location (QQQQ): W2 E2 SE Sec. 11 Twp. 11 R. 18 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 1320 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 990 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Ellis County
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 <i>(If WP Supply API No. or Year Drilled)</i> 15-051-04945-00-00	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: Pit capacity: 280 (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input 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?
Pit dimensions (all but working pits): 10 Length (feet) 20 Width (feet) Depth from ground level to deepest point: 10 (feet)		<input type="checkbox"/> N/A: Steel Pits <input type="checkbox"/> No Pit
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <b>Lined with 6 mil poly liner, installed in bottom of pit, up all sides and held in place with soil around edges</b>	Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>Monitor fluid levels to assure no fluid loss</b>	
Distance to nearest water well within one-mile of pit: 1648 feet Depth of water well 60 feet	Depth to shallowest fresh water 18 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 the pit will be back filled. Drill pits must be closed within 365 days of spud date.	
Submitted Electronically		

<b>KCC OFFICE USE ONLY</b>			
Date Received: 10/17/2011	Permit Number: 15-051-04945-00-00	Permit Date: 10/17/2011	Lease Inspection: <input type="checkbox"/> Yes <input checked="" 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

KANSAS CORPORATION COMMISSION  
CALL-IN WORKOVER PIT APPLICATION

Operator: Nobel Energy, Inc. License # 33190

Contact Person: Tom Karst Phone # (785) 639-6309

Lease Name & Well #: Carmichael #4 API #15-051-04945-00-00

Legal Location: W/2 E/2 SE/4 11-11-18W County: Ellis

Purpose of pit: Repair casing leak Nature of Fluids: Brine & Fresh

Size: 20' X 10' X 6' BBL Capacity: 213 bbls

Liner required? Yes Liner Specification: Plastic

Lease produces from what formations: LKC, Arbuckle & Toronto

Date of Verbal Permit: October 17, 2011 KCC Agent: Ed Schumacher

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Remind operator that the Pit Application still needs to be filed as well as the pit closure form