

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.: Russ #2		Pit Location (QQQQ): SW - SW - NW - _____ Sec. 31 Twp. 8 R. 17 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 4,950 <del>2710</del> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 2,970 <del>450</del> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Rocks _____ 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 (If WP Supply API No. or Year Drilled) _____		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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
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	
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) _____ Depth from ground level to deepest point: _____ (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. 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 _____ feet    Depth of water well _____ feet <u>N/A</u>		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input 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. _____ Date: 10/19/10    Signature of Applicant or Agent: <i>Erin K Joseph</i>			
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KCC OFFICE USE ONLY    Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS <input type="checkbox"/>			
Date Received: 10-21-10    Permit Number: 15-163-20790000    Permit Date: 10-19-10    Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Operator & Address: Noble Energy 1625 Broadway, Ste 2000 Denver CO 80202

Lic.# 3319D Contact Person: Tom Katst Phone # 785-639-6309

Lease Name & Well # Russ #2 API # or Spud Date: 15-1163-20,790-00-00

Location: SWSW NW 1/4 Sec: 31 Twp: 8 Rge: 17 E 18 County: Reo KS

2970 feet from the North / South Line, 4950 feet from the East / West Line of E 1/4 section.

Purpose of Pit: Workover Depth to Ground Water: 516'

Nature of Fluids: Cement-waste water

Construction:  Dirt , Width: 10, Length: 20, Depth: 10 bbl capacity: 200

Liner Specifications: Plastic

This lease produces from the following formation(s): KC-Arb.

Date of Verbal Permit: 10-19-2010, KCC Agent: [Signature]

To save paperwork, copy this form after completion of the first 11 lines. Use copy for closure form.

Dates Pit Used: From 10-19-2010 To 11-09-2010 Date Water Hauled: \_\_\_\_\_

Proposed Closing Procedure / Actual Closure information: \_\_\_\_\_

Pit must be closed-in- \_\_\_\_\_ days. \_\_\_\_\_

\_\_\_\_\_ (signature) \_\_\_\_\_ (date)

\*\*\*\*\* KCC USE ONLY \*\*\*\*\*

Groundwater Sensitive Area YES ( ) NO ( ); Field Inspection Date: \_\_\_\_\_, Agent: \_\_\_\_\_

Chloride of Water in Pit: \_\_\_\_\_, Date Collected: \_\_\_\_\_

\_\_\_\_\_ feet to nearest Water Well. Depth of Water Well: \_\_\_\_\_, Application Tabulated

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KCC WICHITA

J.B. COLLINS  
1007 CODY, SUITE A  
HAYS, KS.

#3  
#2 RUSS

31-8-17W  
SW SW NW

CONTR DREILING OIL, INC. CTY ROOKS

GEOL \_\_\_\_\_ FIELD DOPITA

E 1991 KB CM 4/13/78 CARD ISSUED 6/15/78 IP P 50 BOPD + 5% W  
LKC 3127-3344 OA

+	+	+
+	+	+
+	+	+

API 15-163-20,790

LOG	TOPS	DEPTH	DATUM
ANH		1296	+ 695
TOP		2892	- 901
HEEB		3106	-1115
TOR		3127	-1136
LANS		3147	-1156
BKC		3368	-1377
ARB		3410	-1419
RTD		3422	-1431

8-5/8" 171/135sx, 5 1/2" 3413/150sx  
DST (1) 3101-63/30-45-30-45, 186' HOCM  
SIP 711-680#, FP 78-116#  
DST (2) 3413-22/45-45, 710' OCM (15%  
O), 310' W, SIP 516-516#, FP 103-  
465#  
MICT - PF 3127-43, 3148-54, 3232-36  
3300-04, 3316-24 & 3340-44, AC 6000  
REC LD & POP

INDEPENDENT OIL & GAS SERVICE  
WICHITA, KANSAS

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OCT 20 2010  
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