

**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 Denver, CO 80202			
Contact Person: Erin Joseph		Phone Number: 303-228-4089	
Lease Name & Well No.: Hederhorst #1		Pit Location (QQQQ): _____ NE _____ NE _____ 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 <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 100 _____ (bbls)	
		Sec. 11 Twp. 9 R. 19 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2,970 4950 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 4,950 2970 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Rooks _____ County	
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 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): _____ 6 _____ 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. 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 _____ N/A _____ feet Depth of water well _____ feet		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	
Emergency, Settling and Burn Pits ONLY: 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		Drilling, Workover and Haul-Off Pits ONLY: 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.			
_____ 10/13/2009 Date		_____ Signature of Applicant or Agent	
RECEIVED KANSAS CORPORATION COMMISSION OCT 19 2009 CONSERVATION DIVISION WICHITA, KS			
KCC OFFICE USE ONLY			
Date Received: 10/19/09		Permit Number: 15-163-01627001	
Permit Date: 10/13/09		Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

Operator & Address: Noble Energy, Inc. 1016 E Hwy 40 By Pass Hays, KS 67601

Lic.# 33190 Contact Person: Jersey Wiatz Phone # 785-625-4052

Lease Name & Well # Henderhorst #1 API # or Spud Date: 163-01627 00-00

Location: NE-NE-NW/4 Sec: 11 Twp: 9 Rge: 19 E County: Rooks

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

Purpose of Pit: SRR. casing leaks Depth to Ground Water: _____

Nature of Fluids: Brine, Fresh water + cement

Construction: Earth, Width: 6, Length: 15, Depth: 5 bbl capacity: 8066.

Liner Specifications: Plastic

This lease produces from the following formation(s): LKC

Date of Verbal Permit: 10-13-09, KCC Agent: Richard Williams

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

Dates Pit Used: From 10-13-09 To 11-4-09 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

ELYSUM ENERGY LLC
DENVER CO 80202

11-09S-19W
NE NE NW

#1 HENDERHORST, F. F. OWWO

site 3-3/4 N & 1 E OF ZURICH KS city: ROOKS AP# 15-163-01627
 contr: EXPRESS WELL SVC field: BARRY
 geol: NONE
 fr date 08/18/2003 spd date 12/13/2002 orig comp 12/13/2002 card issued 08/18/2003 last revised 08/18/2003

ELV: 2016 GL LOG	
tops.....	depth/datum
* ANH.....	1395 +621
* B/ANH.....	1445 +571
LANS.....	3186 -1170
ARB LM.....	3431 -1415
TD OLD.....	3433 -1417
LTD OLD.....	3450 -1434
DDTD OLD.....	3451 -1435
* SAMPLE TOP	

IP status
 OIL, P 7 BO & 198 BWPD, LKC 3430-3434, ARB 3434-3450, 12/18/2002
 OLD INFO: OPERATOR WAS CONTINENTAL OIL CO, 1 HENDERHORST, F. F., SPD 11/06/1943, 11/22/1943 10-3/4" 239 / 240 SX, 6" 3434 / 200 SX, OIL, P 3,000 BOPD, NW, ARB 3434-3450, 01/29/1944(CARD ISSUED 09/01/1947)
 CONTR: PARKER DRILLING
 COMMENT: WAS TEMP API IOG-25758
 DRLR SD ZNS: 45-110 (W/SHELLS), 490-790 (W/SH), 810-1100 (W/SH)

RECEIVED
 OCT 14 2009
 KCC WICHITA

ELYSUM ENERGY LLC
DENVER CO 80202

11-09S-19W
NE NE NW

#1 HENDERHORST, F. F. OWWO

NO CORES OR TSTS
 MICT (11/23/1943) - CO TO 3433, (ARB OH), FU 2800' OIL/2 HRS, NAT, DD 3450 TD, GSO, POP, DEPTHO POT 3000 BOPD, NW; EST CAPACITY 27,716 BOPD, NW, 1/29/1944
 NEW INFO: FR 08/18/2003, REWORKED 12/13/2002 DC 12/13/2002
 COMMENT: KCC API 15-163-01627-0001; GRN LOG RUN 12/16/2002
 MICT - CO, PF (LKC) 3430-3434, W / 4 SPF, SWB DWN, SO, NAT, SET 2-7/8" TBG AT 3416, PKR AT 3383, POP, IPP 7 BO & 198 BWPD, RESUMED PROD 12/18/2002, COMMINGLED W/OLD PAY (ARB 3434-3450)