

For KCC Use: 2-27-08  
Effective Date: 4  
District # 4  
SGA?  Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

FEB 21 2008

Form must be Typed  
Form must be Signed  
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date: March 1 2008  
month day year

OPERATOR: License# 33190  
Name: Noble Energy, Inc.  
Address 1: 1625 Broadway, suite 2200  
Address 2:  
City: Denver State: CO Zip: 80202  
Contact Person: Raelene K. Milne  
Phone: 303-228-4212  
CONTRACTOR: License# 8273  
Name: Excell Drilling, Wray, CO

Spot Description:  
N/2 NW SW NW SW Sec. 16 Twp. 4 S. R. 41  E  W  
1,840 feet from  N /  S Line of Section  
330 feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?  
(Note: Locate well on the Section Plat on reverse side)

County: Cheyenne  
Lease Name: Douthit Well #: 13-16  
Field Name: Cherry Creek

Is this a Prorated / Spaced Field?  Yes  No  
Target Formation(s): Niobrara

Nearest Lease or unit boundary line (in footage): 330'  
Ground Surface Elevation: 3386' feet MSL

Water well within one-quarter mile:  Yes  No  
Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: 250' SD  
Depth to bottom of usable water: 250' SD

Surface Pipe by Alternate:  I  II  
Length of Surface Pipe Planned to be set: 300'

Length of Conductor Pipe (if any): 0'  
Projected Total Depth: 1700'

Formation at Total Depth: Niobrara  
Water Source for Drilling Operations:  
 Well  Farm Pond  Other: Water permitted through Excell drilling company

DWR Permit #: (Note: Apply for Permit with DWR)

Will Cores be taken?  Yes  No  
If Yes, proposed zone: \_\_\_\_\_

Well Drilled For:  Oil  Gas  Enh Rec  Storage  Disposal  Seismic; # of Holes  Other:  
Well Class:  Infield  Pool Ext.  Wildcat  Other  
Type Equipment:  Mud Rotary  Air Rotary  Cable

If OWWO: old well information as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No  
If Yes, true vertical depth: \_\_\_\_\_  
Bottom Hole Location: \_\_\_\_\_  
KCC DKT #: \_\_\_\_\_

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.  
It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date.  
Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 2/20/2008 Signature of Operator or Agent: Raelene K. Milne Title: Permit Representative

For KCC Use ONLY  
API # 15 - 023-20983-0000  
Conductor pipe required None feet  
Minimum surface pipe required 100 feet per ALT.  I  II  
Approved by: [Signature] 2-22-08  
This authorization expires: 2-22-09  
(This authorization void if drilling not started within 12 months of approval date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

Remember to:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well Not Drilled - Permit Expired Date: \_\_\_\_\_  
Signature of Operator or Agent: \_\_\_\_\_

16 4 41  
 E  W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

FEB 21 2008

CONSERVATION DIVISION

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 023-20983-0000  
Operator: Noble Energy, Inc.  
Lease: Douthit  
Well Number: 13-16  
Field: Cherry Creek

Location of Well: County: Cheyenne  
1,840 feet from  N /  S Line of Section  
330 feet from  E /  W Line of Section  
Sec. 16 Twp. 4 S. R. 41  E  W

Number of Acres attributable to well: 40  
QTR/QTR/QTR/QTR of acreage: NW - SW - NW - SW

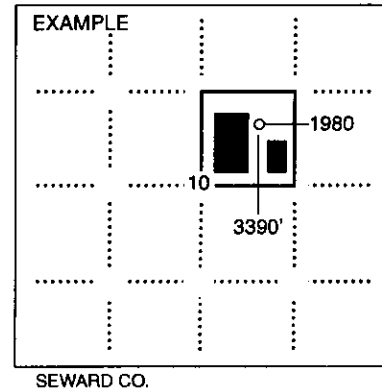
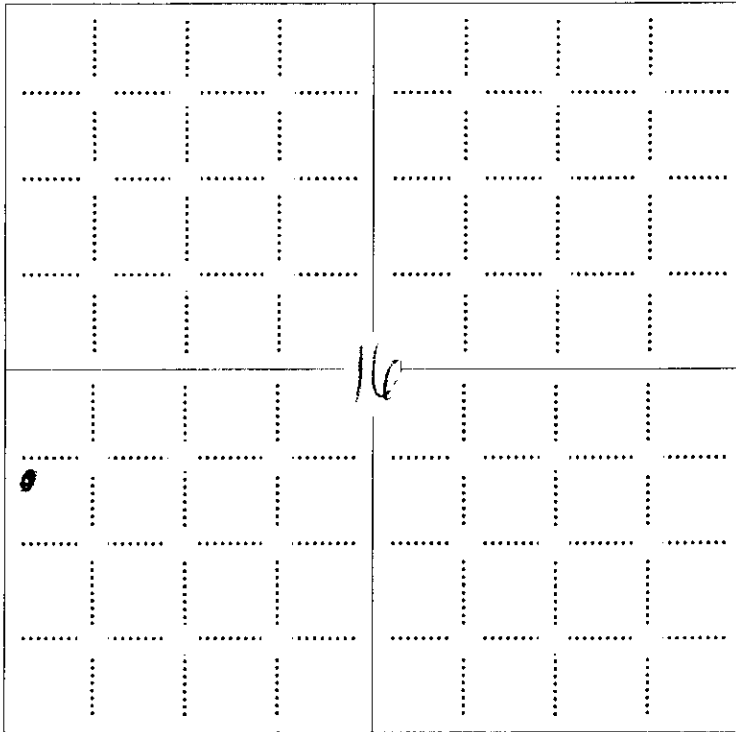
Is Section:  Regular or  Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used:  NE  NW  SE  SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)  
(Show footage to the nearest lease or unit boundary line.)



NOTE: In all cases locate the spot of the proposed drilling location.

In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

R 41 W

15-023-20983-0000

FND 5/8" RB

N 89°48'13" E 5326.39'

FND 5/8" RB

RD 7

N 00°03'42" W 5232.78'

16

S 00°39'17" W 5205.18'

T 4 S

CONSERVATION DIVISION  
WICHITA, KS

FEB 21 2008

RECEIVED  
KANSAS CORPORATION COMMISSION

330'

1840'

N.A.D. 83  
LAT = 39.70373° N  
LON = 101.93617° W  
PDOP = 3.27  
G.P.S. OPERATOR = S. DEMANCHE

FND YPC  
RLS 1001

S 89°29'49" W 5261.44'

FND YPC  
RLS 1001

500 0 500 1000 1500 2500



SCALE 1"=1000'

BASIS OF BEARINGS:  
THE EAST LINE OF SECTION 16, AS SHOWN HEREON.

Power Surveying Co., Inc. of Frederick, Colorado has in accordance with a request from DAVID LEDET for NOBLE ENERGY, INC. determined the location of DOUTHIT 13-16 to be 1840' FSL & 330' FWL Section 16, Township 4 SOUTH Range 41 WEST of the Sixth Principal Meridian, CHEYENNE County, KANSAS

LOCATION NOTES

LOCATION FALLS IN: DRY RIVER BED  
IMPROVEMENTS: NONE WITHIN 200' OF LOCATION

ELEVATION DETERMINED FROM NAVD 1988 DATUM.  
GROUND ELEVATION = 3386'

DISTANCES AND BEARINGS ARE FIELD MEASURED  
UNLESS OTHERWISE NOTED.

LEGEND

- SECTION CORNER (AS NOTED)
- ▼ PROPOSED WELL LOCATION



7800 MILLER DRIVE UNIT C  
FREDERICK, COLORADO 80504  
303-702-1617

FIELD DATE: 2-13-08 WO# 501-08-060  
DATE OF COMPLETION: 2-14-08

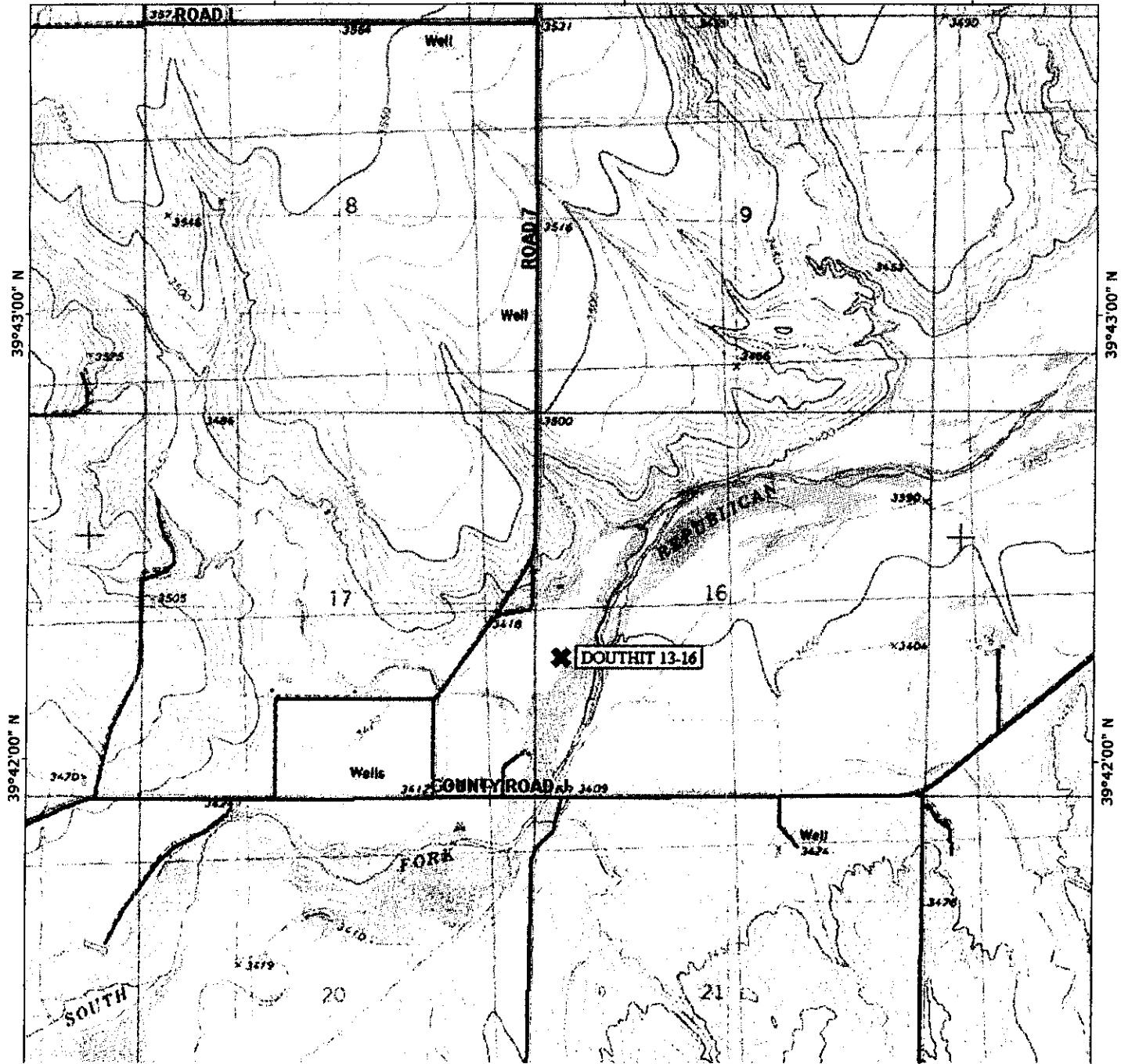
15023-20983-0000

TOPO! map printed on 02/14/08 from "Untitled.tpo"

101°57'00" W

101°56'00" W

WGS84 101°55'00" W



RECEIVED  
KANSAS CORPORATION COMMISSION

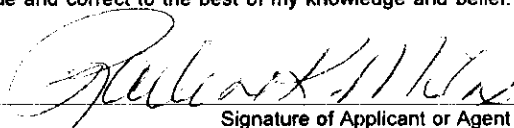
FEB 21 2008

CONSERVATION DIVISION  
WICHITA, KS

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

RECEIVED  
KANSAS CORPORATION COMMISSION Form CDP-1  
April 2004  
FEB 21 2008 Form must be Typed  
CONSERVATION DIVISION  
WICHITA, KS

*Submit in Duplicate*

Operator Name: <b>Noble Energy, Inc.</b>		License Number: <b>33190</b>
Operator Address: <b>1625 Broadway, suite 2200</b>		<b>Denver CO 80202</b>
Contact Person: <b>Raelene K. Milne</b>		Phone Number: <b>303-228-4212</b>
Lease Name & Well No.: <b>Douthit 13-16</b>		Pit Location (QQQQ): <b>NW SW</b>
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input 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: _____ (bbls)	Sec. <u>16</u> Twp. <u>4</u> R. <u>41</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1,840</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>330</u> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Cheyenne</b> County
Is the pit located in a Sensitive Ground Water Area? <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits): <u>50</u> Length (feet) <u>60</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>4</u> (feet) <input type="checkbox"/> No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <b>N/A</b>		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>N/A</b>
Distance to nearest water well within one-mile of pit <u>N/A 4208</u> feet    Depth of water well <u>26</u> feet		Depth to shallowest fresh water <u>300-16</u> feet. <input checked="" type="checkbox"/> Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input checked="" type="checkbox"/> electric log <input type="checkbox"/> KDWR
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: <u>N/A</u> 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: <u>Fresh water</u> Number of working pits to be utilized: <u>3</u> Abandonment procedure: <u>Onsite land farming-mix and bury</u> 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.		
<u>2/20/2008</u> Date	 Signature of Applicant or Agent	

15-013-209830000

<b>KCC OFFICE USE ONLY</b>		Steel Pit <input type="checkbox"/>	RFAC <input type="checkbox"/>	RFAS <input type="checkbox"/>
Date Received: <u>2/21/08</u>	Permit Number: _____	Permit Date: <u>2/21/08</u>	Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>DST</i>