For KCC Use:
Effective Date: 01/03/2010
District # 1
SGA? [ ] Yes [ ] No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1034033

Form C-1
October 2007
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: 01/11/2010 (month / day / year)

OPERATOR: License# 5363
Name: Berexco, Inc.
Address 1: PO BOX 20380
Address 2:
City: WICHITA State: KS Zip: 67208 + 1380
Contact Person: Evan Mayhew
Phone: 316-265-3311

CONTRACTOR: License# 34317
Name: BEREDCO LLC

Well Drilled For:	Well Class:	Type Equipment:
[ ] Oil [ ] Enh Rec	[ ] Infield	[ ] Mud Rotary
[ ] Gas [ ] Storage	[ ] Pool Ext.	[ ] Air Rotary
[ ] Disposal	[ ] Wildcat	[ ] Cable
[ ] Seismic ; ____ # of Holes	[ ] Other	
[X] Other: water supply for waterflood		

[X] If OWWO: old well information as follows:

Operator: Berexco Inc.
Well Name: Modie #1-31
Original Completion Date: 05/15/1990 Original Total Depth: 5150

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

OWWO

Spot Description:
____ - ____ - NW - SE Sec. 31 Twp. 22 S. R. 37 [ ] E [ ] W
(Q/Q/Q/Q)
1980 feet from [ ] N / [ ] S Line of Section
1980 feet from [ ] E / [ ] W Line of Section
Is SECTION: [ ] Regular [ ] Irregular?

*(**Note:** Locate well on the Section Plat on reverse side)*

County: Kearny
Lease Name: Patterson Unit Well #: 7-31
Field Name: Heinitz
Is this a Prorated / Spaced Field? [ ] Yes [ ] No
Target Formation(s): Kansas City
Nearest Lease or unit boundary line (in footage): 660
Ground Surface Elevation: 3307 Supplied Operator Supplied 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: 240
Depth to bottom of usable water: 1000
Surface Pipe by Alternate: [ ] I [ ] II
Length of Surface Pipe Planned to be set: 2130
Length of Conductor Pipe (if any): 40
Projected Total Depth: 5150
Formation at Total Depth: St. Louis
Water Source for Drilling Operations:
[ ] Well [ ] Farm Pond [ ] Other: unk.
DWR Permit #:
*(**Note:** Apply for Permit with DWR [ ])*
Will Cores be taken? [ ] Yes [ ] No
If Yes, proposed zone:

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.

Submitted Electronically

For KCC Use ONLY
API # 15 - 15-093-21070-00-01
Conductor pipe required 0 feet
Minimum surface pipe required 2130 feet per ALT. [ ] I [ ] II
Approved by: Rick Hestermann 12/29/2009
This authorization expires: 12/29/2010
(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:

31 22 37 [ ] E [ ] W

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

Side Two

1034033

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

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 - 15-093-21070-00-01

Operator: Berexco, Inc.

Lease: Patterson Unit

Well Number: 7-31

Field: Heinitz

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - _____ - NW - SE

Location of Well: County: Kearny

1980 feet from ☐ N / ☐ S Line of Section

1980 feet from ☐ E / ☐ W Line of Section

Sec. 31 Twp. 22 S. R. 37 ☐ E ☐ W

Is Section: ☐ Regular or ☐ Irregular

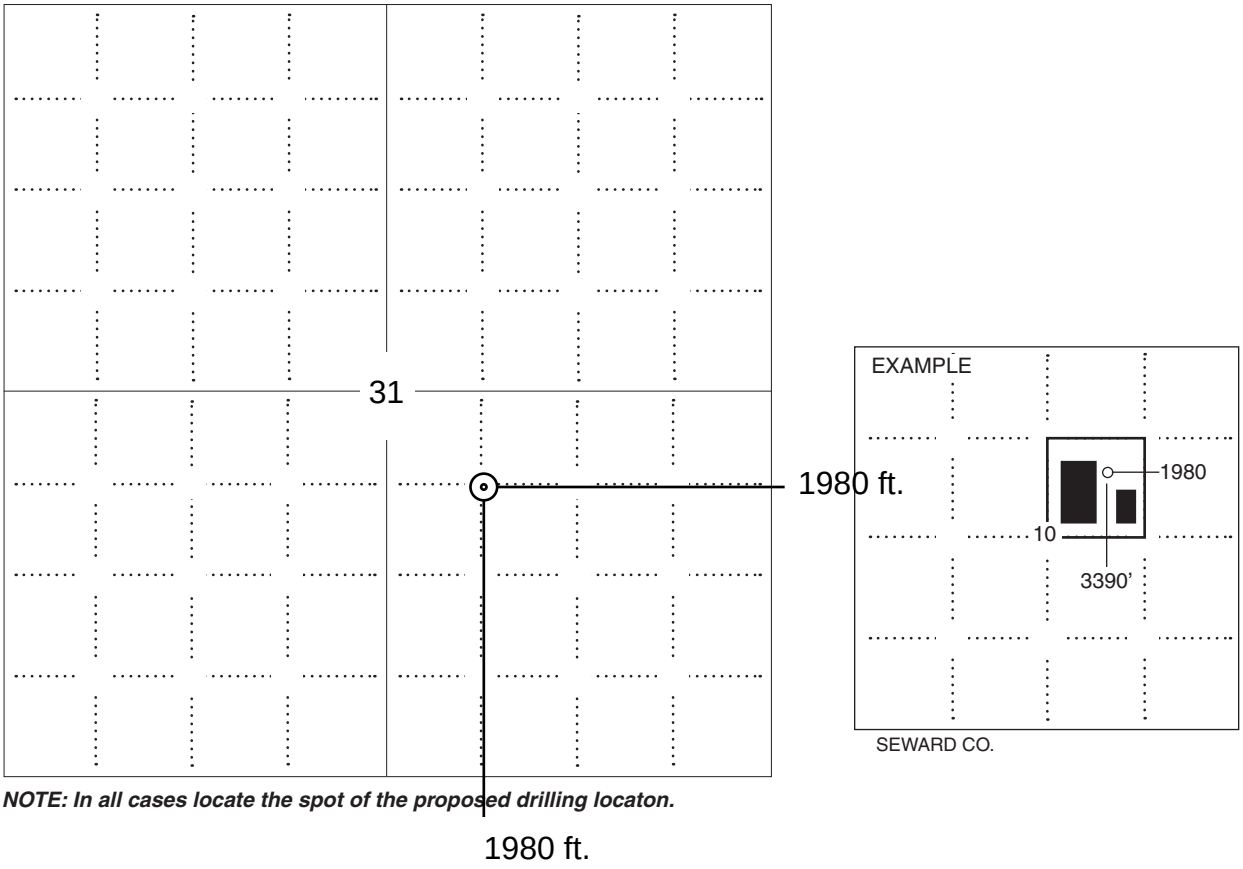
If Section is Irregular, locate well from nearest corner boundary.

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 locaton.

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: (C0-7 for oil wells; CG-8 for gas wells).

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1034033

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Berexco, Inc.
License Number: 5363

Operator Address: PO BOX 20380 WICHITA KS 67208

Contact Person: Evan Mayhew
Phone Number: 316-265-3311

Lease Name & Well No.: Patterson Unit 7-31

Pit Location (QQQQ): ____ - ____ - NW - SE

Sec. 31 Twp. 22 R. 37 ☐ East ☐ West

1980 Feet from ☐ North / ☐ South Line of Section

1980 Feet from ☐ East / ☐ West Line of Section

Kearny County

Type of Pit:
☐ Emergency Pit ☐ Burn Pit
☐ Settling Pit ☐ Drilling Pit
☐ Workover Pit ☐ Haul-Off Pit
(If WP Supply API No. or Year Drilled)

Pit is:
☐ Proposed ☐ Existing
If Existing, date constructed:

Pit capacity: 7000 (bbls)

Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☐ No

Chloride concentration: _____ mg/l
(For Emergency Pits and Settling Pits only)

Is the bottom below ground level? ☐ Yes ☐ No

Artificial Liner? ☐ Yes ☐ No

How is the pit lined if a plastic liner is not used?
Bentonite Clay in drilling mud.

Pit dimensions (all but working pits): 100 Length (feet) 100 Width (feet) ☐ N/A: Steel Pits

Depth from ground level to deepest point: 4 (feet) ☐ 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
n/a feet Depth of water well _____ feet

Depth to shallowest fresh water _____ feet.
Source of information:
☐ measured ☐ well owner ☐ electric log ☒ 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? ☐ Yes ☐ No

Drilling, Workover and Haul-Off Pits ONLY:

Type of material utilized in drilling/workover: Bentonite mud

Number of working pits to be utilized: 3

Abandonment procedure: Allow liquid to evaporate until bottom of pit is ~~dry, then push in sides, backfill and recontour~~ when conditions allow.

Drill pits must be closed within 365 days of spud date.

Submitted Electronically

KCC OFFICE USE ONLY Steel Pit ☐ RFAC ☐ RFAS ☐

Date Received: 12/29/2009 Permit Number: 15-093-21070-00-01 Permit Date: 12/29/2009 Lease Inspection: ☐ Yes ☐ No

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

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

TYPE OR PRINT
NOTICE: Fill out completely and return to Cons. Div. office within 30 days.

API NUMBER 15-093-21,070

LEASE NAME Modie

WELL NUMBER 1-31

1980 Ft. from S Section Line

1980 Ft. from E Section Line

SEC. 31 TWP. 22S RGE. 37W (E)or(W)

COUNTY Kearny

Date Well Completed 5/16/90

Plugging Commenced 11:30AM 5/16/90

Plugging Completed 7:30PM 5/16/90

CONFIDENTIAL

LEASE OPERATOR BEREXCO INC.

ADDRESS 970 Fourth Financial Center Wichita, KS. 67202

PHONE# (316) 265-3511 OPERATORS LICENSE NO. 5363

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? YES

Which KCC/KDHE Joint Office did you notify? Steve Durrant - Liberal

Is ACO-1 filed? YES If not, is well log attached? Yes

Producing Formation NA Depth to Top _____ Bottom _____ T.D. _____

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS				CASING RECORD		
Formation	Content	From	To	Size	Put in	Pulled out
				8-5/8	2130	0

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

Plug @2900' w/100 sk., 2160' w/50 sk., 1020' w/40 sk., 40' w/10 sk., RH w/15 sk., MH w/10 sk., Cement was 60/40 Poz, 6% gel.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Halliburton License No. _____

Address P.O. Box 1598, Liberal, KS 67901

STATE OF Kansas COUNTY OF Sedgwick, ss.

Charles B. Spradlin, Jr. (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) _____

(Address) 970 Fourth Financial Center
Wichita, KS 67202

SUBSCRIBED AND SWORN TO before me this 19th day of June, 19 90

Laurie I. Noble
Notary Public

My Commission Expires: 6/7/92

LAURIE I. NOBLE
Notary Public - State of Kansas
My Appt. Expires

Form CP-4
Revised 08-84