1032464

For KCC Use:
Effective Date: 11/02/2009
District # 1
SGA? ☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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: 11/25/2009 (month day year)

OPERATOR: License# 5278
Name: EOG Resources, Inc.
Address 1: 3817 NW EXPRESSWAY STE 500
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73112 + 1483
Contact Person: Sheila Rogers
Phone: 405-246-3100

CONTRACTOR: License# 34000
Name: Kenai Mid-Continent, Inc.

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	

☐ Other:

☐ 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 #:

Prorated & Spaced: Hugoton-Panoma.

Spot Description:
NW - SW - SE - NW (Q/Q/Q/Q) Sec. 16 Twp. 34 S. R. 39 ☐ E ☐ W
2105 feet from ☐ N / ☐ S Line of Section
1570 feet from ☐ E / ☐ W Line of Section
Is SECTION: ☐ Regular ☐ Irregular?

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

County: Morton
Lease Name: EF Well #: 16 #1
Field Name: Wildcat
Is this a Prorated / Spaced Field? ☐ Yes ☐ No
Target Formation(s): Mississippian
Nearest Lease or unit boundary line (in footage): 1570
Ground Surface Elevation: 3319 Surveyed Surveyed 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: 580
Depth to bottom of usable water: 580
Surface Pipe by Alternate: ☐ I ☐ II
Length of Surface Pipe Planned to be set: 1700
Length of Conductor Pipe (if any):
Projected Total Depth: 6900
Formation at Total Depth: Mississippian
Water Source for Drilling Operations:
☐ Well ☐ Farm Pond ☐ Other:
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 - 15-129-21887-00-00
Conductor pipe required 0 feet
Minimum surface pipe required 600 feet per ALT. ☐ I ☐ II
Approved by: Rick Hestermann 10/28/2009
This authorization expires: 10/28/2010
(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:

16 34 39 ☐ E ☐ W

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

Side Two

1032464

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 - 15-129-21887-00-00

Operator: EOG Resources, Inc.

Lease: EF

Well Number: 16 #1

Field: Wildcat

Number of Acres attributable to well: _____

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

Location of Well: County: Morton

2105 feet from ☐ N / ☐ S Line of Section

1570 feet from ☐ E / ☐ W Line of Section

Sec. 16 Twp. 34 S. R. 39 ☐ E ☐ W

Is Section: ☐ Regular or ☐ Irregular

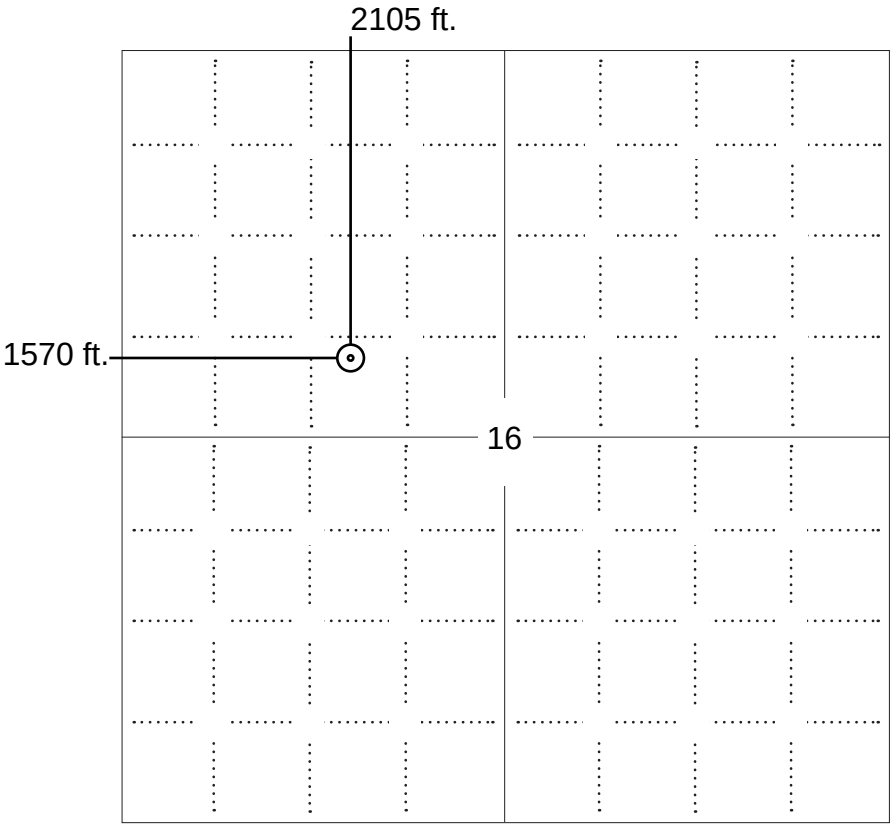
If Section is Irregular, locate well from nearest corner boundary.

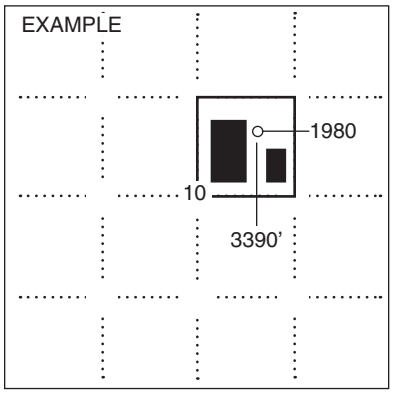
Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

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.)





SEWARD CO.

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).

1032464

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: EOG Resources, Inc.
License Number: 5278

Operator Address: 3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY OK 73112

Contact Person: Sheila Rogers
Phone Number: 405-246-3100

Lease Name & Well No.: EF 16 #1

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

Sec. 16 Twp. 34 R. 39 ☐ East ☐ West

2105 Feet from ☐ North / ☐ South Line of Section

1570 Feet from ☐ East / ☐ West Line of Section

Morton 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: 12500 (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?
Native muds and clays.

Pit dimensions (all but working pits): 125 Length (feet) 125 Width (feet) ☐ N/A: Steel Pits

Depth from ground level to deepest point: 5 (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
2595 feet Depth of water well 265 feet

Depth to shallowest fresh water 170 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: Gel

Number of working pits to be utilized: 0

Abandonment procedure: Evaporation/dewater and backfilling of reserve pit.

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

Submitted Electronically

KCC OFFICE USE ONLY Steel Pit ☐ RFAC ☐ RFAS ☐

Date Received: 10/27/2009 Permit Number: 15-129-21887-00-00 Permit Date: 10/28/2009 Lease Inspection: ☐ Yes ☐ No

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

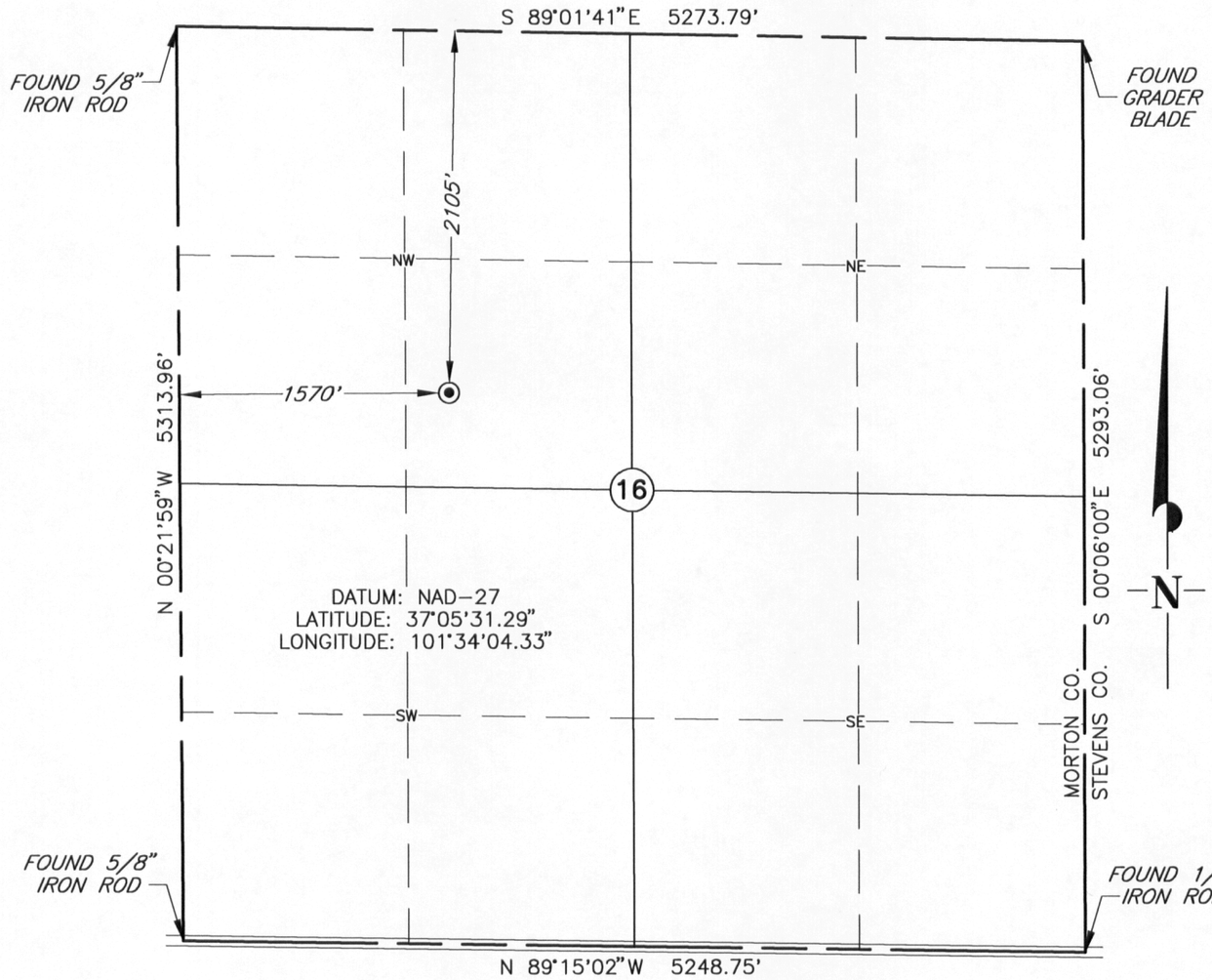
TOPOGRAPHIC LAND SURVEYORS OF PAMPA, TEXAS

2225 PERRYTON PKWY * PAMPA, TEXAS 79065
(806) 665-7218 * (800) 658-6382 * FAX (806) 665-7210
Kansas Certificate of Authorization No. LS-99

Operator: EOG RESOURCES, INC. Lease Name: EF 16 #1

Footages: 2105'FNL & 1570'FWL Elevation: 3319'GR

Section: 16 Township: 34S Range: 39W, MORTON County, Kansas



Topography & Vegetation: PASTURE

Reference or Alternate Stakes Set: NONE SET

Best Accessibility to Location: FROM LEASE ROAD WEST OF LOCATION

Distance & Direction: ±4 MILES SOUTHEAST OF ROLLA, KANSAS.

1000 500 0 500 1000
GRAPHIC SCALE IN FEET (1" = 1000')

This plat DOES NOT represent a true Boundary Survey. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.

Date Surveyed: 12-1-08
Date Drawn: 12-2-08
Drawn by: J.WILLIAMS
Job No.: 142577
Book: 1005 Page: 39

CERTIFICATE

I, V. Lynn Bezner, a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown.

V. Lynn Bezner 12-8-08

V. Lynn Bezner, R.P.S. No.1059

V. LYNN BEZNER LICENSED 1059 KANSAS LAND SURVEYOR

KANSAS
CORPORATION COMMISSION

Mark Parkinson, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

October 28, 2009

Sheila Rogers
EOG Resources, Inc.
3817 NW EXPRESSWAY STE 500
OKLAHOMA CITY, OK 73112-1483

Re: Drilling Pit Application
EF 16 #1
NW/4 Sec.16-34S-39W
Morton County, Kansas

Dear Sheila Rogers:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit within 96 hours of completion of drilling operations. Keep pits away from draw/drainage.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through SOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.