

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 045 23534

Approval Date: 11/12/2014
Expiration Date: 05/12/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 17N Rge: 24W County: ELLIS
SPOT LOCATION: NW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 550

Lease Name: KENNY Well No: 2-1H Well will be 200 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC Telephone: 4052463226; 7136517 OTC/OCC Number: 16231 0

EOG RESOURCES INC
3817 NW EXPRESSWAY STE 500
OKLAHOMA CITY, OK 73112-1483

EDDIE MAX REV TR. & SUSAN E MILLER REV TR.
HCR 63 BOX 47
ARNETT OK 73832

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MARMATON	9650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 579146

Location Exception Orders:

Increased Density Orders: 631789

Pending CD Numbers: 201406968

Special Orders:

Total Depth: 14820

Ground Elevation: 2399

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 660

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-28879

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 02 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 550

Depth of Deviation: 9185

Radius of Turn: 446

Direction: 360

Total Length: 4935

Measured Total Depth: 14820

True Vertical Depth: 9650

End Point Location from Lease,
Unit, or Property Line: 65

Notes:

Category	Description
DEEP SURFACE CASING	11/12/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 631789	11/12/2014 - G91 - 2-17N-24W X579146 MRMN 1 WELL EOG RESOURCES, INC. 10-14-2014
PENDING CD - 201406968	11/12/2014 - G91 - (I.O.) 2-17N-24W X579146 MRMN COMPL. INT. NCT 165 FSL NCT 165 FNL NCT 500 FEL NO OP. NAMED REC. 11-3-2014 (NORRIS)
SPACING - 579146	11/12/2014 - G91 - (640)(HOR) 2-17N-24W EST MRMN, OTHERS POE TO BHL NCT 660' FB (SUPERCEDE NON-DEVELOP NON-HORIZONTAL SPACING UNITS; COEXIST PRODUCING NON-HORIZONTAL SPACING UNITS)

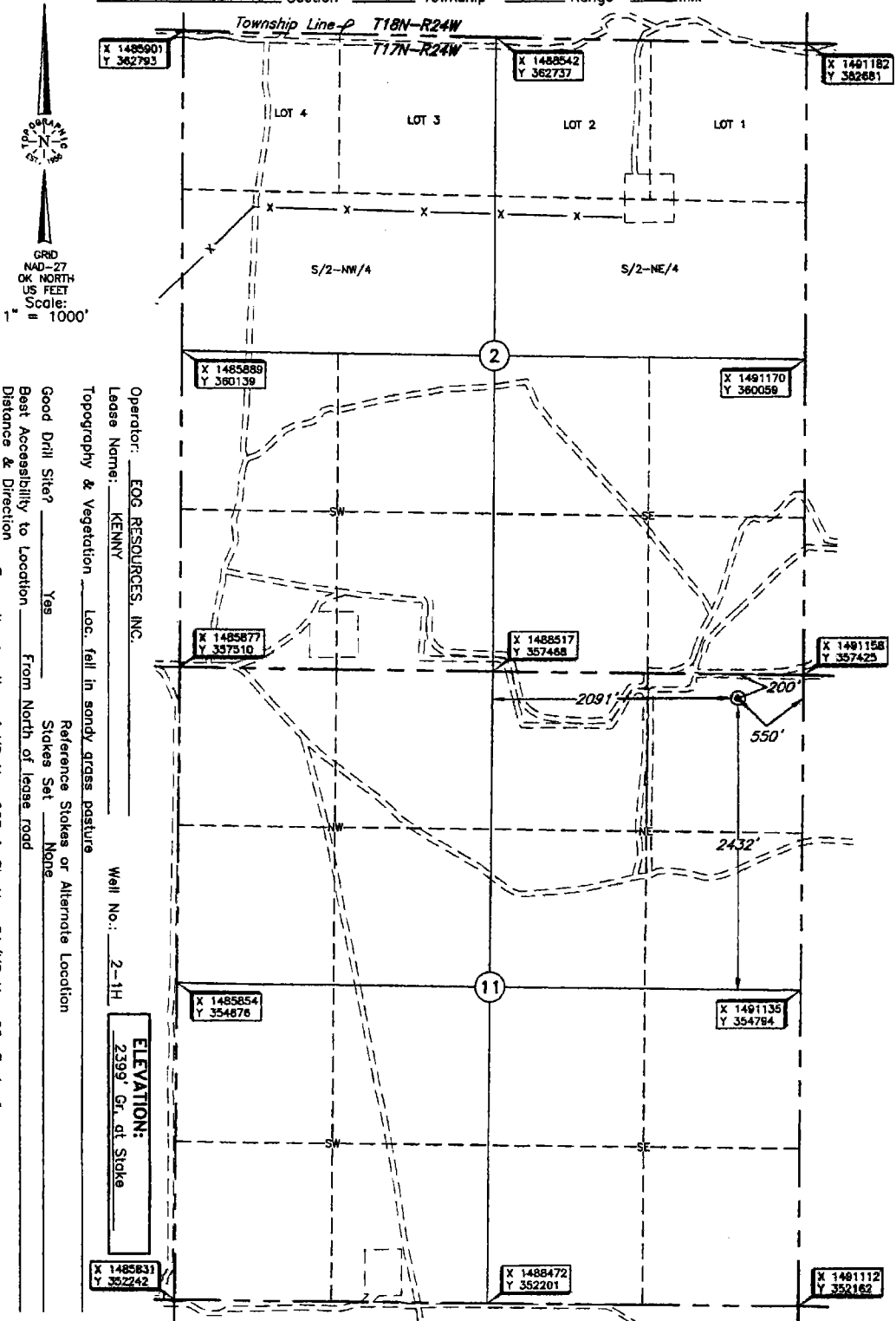
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045-23534

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293

ELLIS County, Oklahoma
 200' FNL-550' FEL Section 11 Township 17N Range 24W I.M.



GRID
 NAD-27
 OK NORTH
 US FEET
 Scale:
 1" = 1000'

Operator: EOG RESOURCES, INC.
 Lease Name: KENNY
 Topography & Vegetation: Loc. fall in sandy grass pasture
 Good Drill Site? Yes
 Best Accessibility to Location: From North of lease road
 Distance & Direction: None
 From Hwy Jct or Town: From the junction of US Hwy 283 & St. Hwy 51/US Hwy 60, East of Arnett, Oklahoma, go ±1.4 miles South on US Hwy 283, then ±1 mile East to lease road, follow lease road ± 0.75 mile SE, then ± 0.5 mile North-NE to location near the NE Corner of Section 11, T17N-R24W.
 Reference Stakes or Alternate Location: None
 Well No.: 2-11
 ELEVATION: 2399' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
 LAT: 35°58'08.3"N
 LONG: 99°43'17.3"W
 LAT: 35.968984329° N
 LONG: 99.721480197° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 1490606
 Y: 357234

Date of Drawing: Sep. 19, 2014
 Invoice # 230870 Date Staked: Sep. 18, 2014 LC

CERTIFICATE:
 I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.
Thomas L. Howell
 Oklahoma Lic. No. 1433

