

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

API NUMBER: 051 23656

Approval Date: 12/07/2012

Expiration Date: 06/07/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 4N Rge: 5W County: GRADY
SPOT LOCATION: NW NE SE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1590 2280

Lease Name: DENNIS Well No: 4-11 Well will be 366 feet from nearest unit or lease boundary.

Operator Name: EAGLE ROCK MID-CONTINENT OPERATING LLC Telephone: 2814081200 OTC/OCC Number: 22050 0

EAGLE ROCK MID-CONTINENT OPERATING LLC
PO BOX 2968
HOUSTON, TX 77252-2968

FREDA BARRINGTON
P.O. BOX 206
NINNEKAH OK 73067

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

	Name	Depth	Name	Depth
1	SYCAMORE	11813	6	
2	WOODFORD	12005	7	
3	HUNTON	12265	8	
4	VIOLA	12785	9	
5	BROMIDE	13709	10	

Spacing Orders: 427233
56915

Location Exception Orders:

Increased Density Orders: 604431

Pending CD Numbers: 201207783

Special Orders:

Total Depth: 14500

Ground Elevation: 1093

Surface Casing: 1050

Depth to base of Treatable Water-Bearing FM: 150

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 12-22007

H. 20-MIL PIT LINER REQUIRED

Notes:

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.

Category	Description
DEEP SURFACE CASING	11/28/2012 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 604431	11/28/2012 - G75 - (E.O.) NW4 11-4N-5W X56915 BRMD X427233 SCMR, WDFD, HNTN, VIOL 1 WELL EAGLE ROCK MID-CONT. OP., LLC 11-20-2012
PENDING CD - 201207783	12/3/2012 - G75 - (E.O.) NW4 11-4N-5W X56915 BRMD X427233 SCMR, WDFD, HNTN, VIOL 1050 FSL, 366 FEL ** NO OP. NAMED REC 12-7-2012 (JOHNSON)
SPACING - 427233	** AMD AT HEARING TO 1055 FSL, 366 FEL PER ATTORNEY FOR OPERATOR 11/28/2012 - G75 - (160) NW4 11-4N-5W EXT 198522/385886 SCMR, HNTN, VIOL EXT 385886 WDFD
SPACING - 56915	11/28/2012 - G75 - (160) 11-4N-5W EST BRMD, OTHER
SURFACE CASING	11/28/2012 - G71 - MIN. 300' PER ORDER # 31521
SURFACE LOCATION	12/3/2012 - G75 - 1590' FNL, 1055' FSL, 2280' FWL, 366' FEL PER SURVEY PLAT

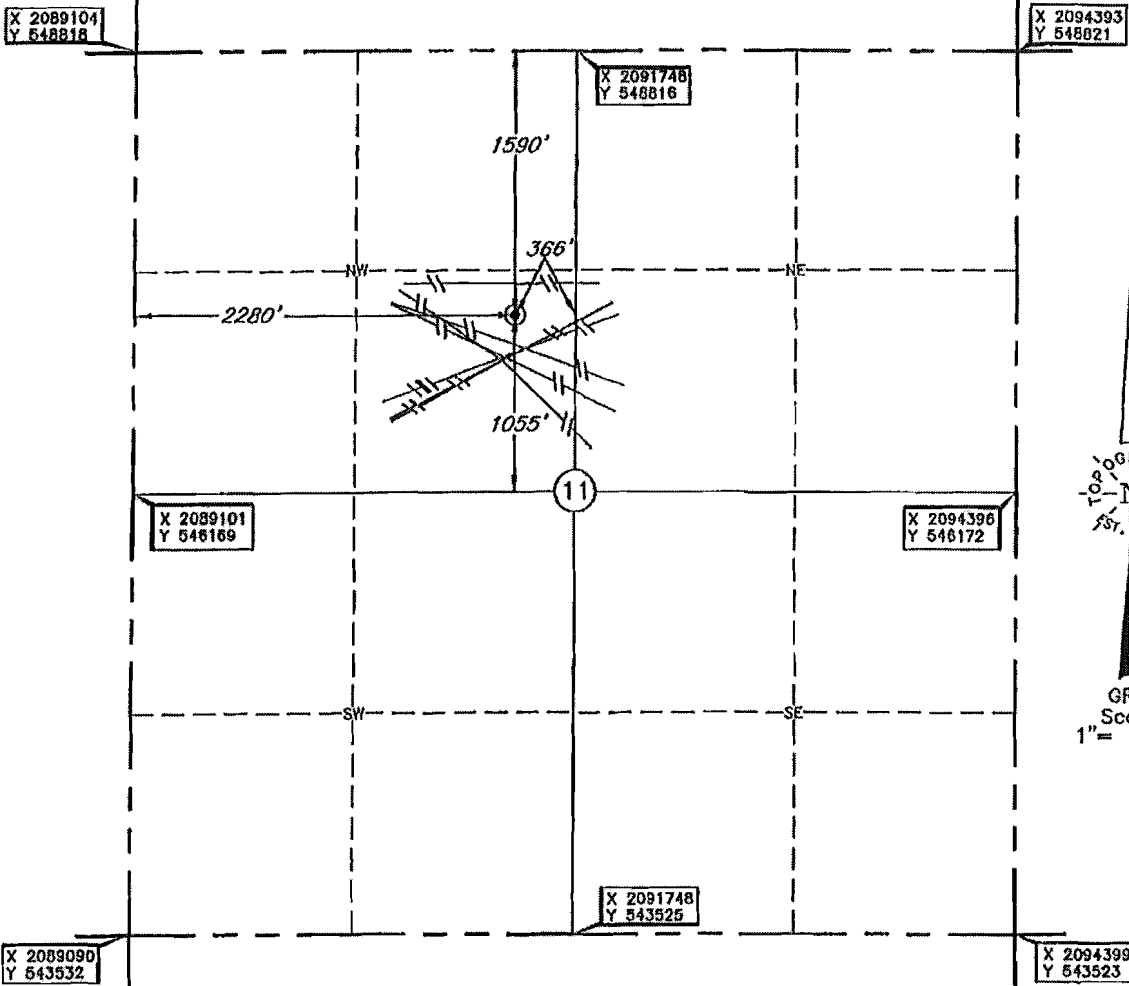
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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293

API
 051-23656

GRADY County, Oklahoma

1590' FNL - 2280' FWL Section 11 Township 4N Range 5W I.M.



CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

Distances shown in (parentheses) are calculated based upon the Quarter Section being 2640 feet; those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.

Operator: EAGLE ROCK MID-CONTINENT OPERATING, LLC ELEVATION: 1093' Gr. at Stake

Lease Name: DENNIS Well No.: 4-11

Topography & Vegetation Loc. fell in sloping pasture, numerous pipelines in area.

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From county road West of location.

Distance & Direction From Hwy Jct or Town From Bradley, Oklahoma, go ±1.5 mi. South, then ±0.5 mi. West, then ±0.5 mi. South, then ±0.5 mi. East, then ±0.5 mi. South to the NW Corner of Section 11, T4N-R5W.

SCANNED

This information was gathered with a GPS receiver with Sub-Meter accuracy.

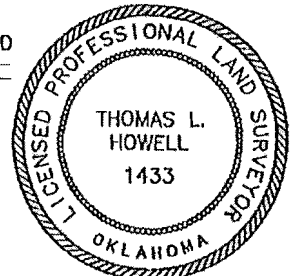
DATUM: NAD-27
 LAT: 34°50'12.0"N
 LONG: 97°41'43.7"W
 LAT: 34.836676868°
 LONG: 97.695478846°
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2091382
 Y: 547225

Date of Drawing: Nov. 14, 2012
 Invoice # 192551 Date Staked: Nov. 7, 2012 AD

CERTIFICATE:

I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Thomas L. Howell
 Oklahoma Lic. No. 1433



API 051-23656

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API NUMBER: 000 00000

Approval Date:
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Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 4N Rge: 5W County: GRADY
SPOT LOCATION: NW NE SE NW FROM QUARTER SECTION LINES: 1330 228

Application for Intent to Drill

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Spacing Orders: 427233 Location Exception Orders: Increased Density Orders: 604431
56915

Pending CD Numbers: 201207783 Hearing 12-7-2012 Special Orders:

Total Depth: 14500 Ground Elevation: 1093 Surface Casing: 1050 Depth to base of Treatable Water-Bearing FM: 150

Deep surface casing approved

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

- A. Evaporation / dewater / backfill
- D. One time land application 12-22007
- H. 20-mil pit liner required

* surf. csg.: min. 300' per order #
31521

Pit 1:
water-based, on-site
cat. 1A, Alluvium
5K-3K ppm chlorides

SCANNED

**TEMPORARY AUTHORIZATION
TO DRILL**
Expiration Date: 12-10-2012
Signature: Virginia Hallgren
165:10-3-1-1

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