

API NUMBER: 017 25099

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

Approval Date: 10/30/2017
Expiration Date: 04/30/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 11N Rge: 8W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 340

Lease Name: WOODHOUSE

Well No: 7-1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: COMANCHE EXPLORATION CO LLC

Telephone: 4057555900

OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC
6520 N WESTERN AVE STE 300
OKLAHOMA CITY, OK 73116-7334

RAFTER J. RANCH, LLC
1000 E. JENSEN ROAD
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11800	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706866
201706862

Special Orders:

Total Depth: 16790

Ground Elevation: 1349

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 17-33314

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 07 Twp 11N Rge 8W County CANADIAN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 135

Feet From: EAST 1/4 Section Line: 450

Depth of Deviation: 11418

Radius of Turn: 477

Direction: 358

Total Length: 4623

Measured Total Depth: 16790

True Vertical Depth: 11800

End Point Location from Lease,
Unit, or Property Line: 135

Notes:

Category

Description

DEEP SURFACE CASING

10/17/2017 - G57 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

10/17/2017 - G57 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

PENDING CD - 201706862

10/30/2017 - G75 - (E.O.)(640)(HOR) 7-11N-8W
EST MSSP, OTHER
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 130069 MSSLM)
COMANCHE EXPLOR. CO., L.L.C.
REC 10-24-2017 (P. PORTER)

PENDING CD - 201706866

10/30/2017 - G75 - (E.O.) 7-11N-8W
XOTHER
X201706862 MSSP, OTHER
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL
COMANCHE EXPLOR. CO., L.L.C.
REC 10-24-2017 (P. PORTER)

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017 25099 WOODHOUSE 7-1H

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HORIZONTAL HOLE 1

Sec 07 Twp 11N Rge 3W County ALA ALA

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 135

Feet From: EAST 1/4 Section Line: 150

Depth of Deviation: 11,418

Radius of Turn: 477

Direction: 358

Total Length: 4623

Measured Total Depth: 16790

True Vertical Depth: 11800

End Point Location from Lease,
Unit, or Property Line: 135

Application for Intent to Drill

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000 00000 WOODHOUSE 7-1H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

API 017-25099

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

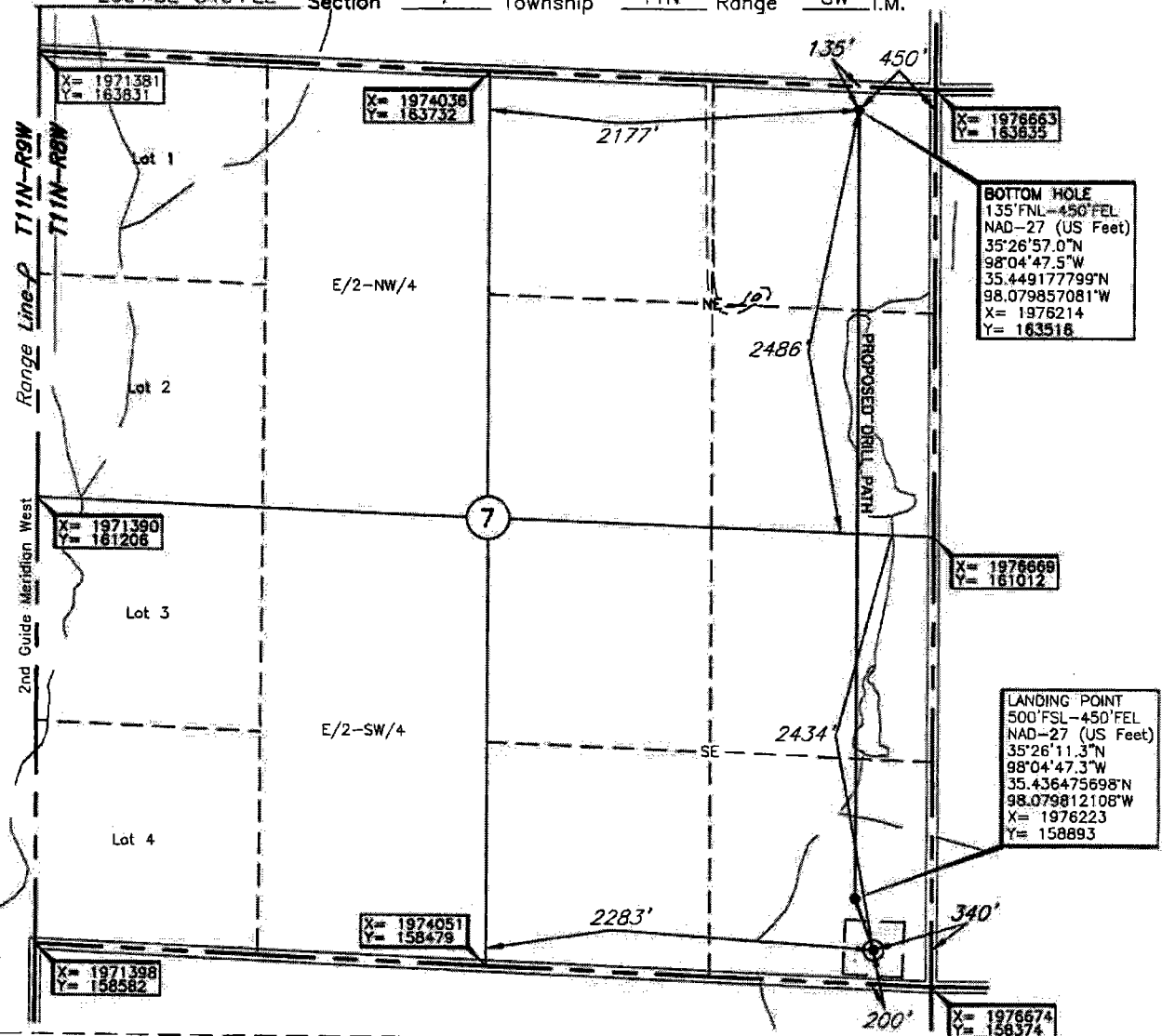
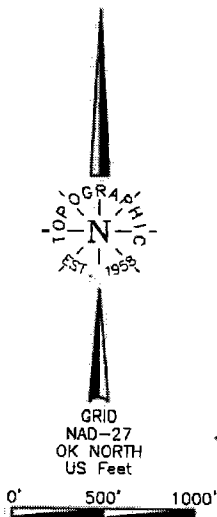
Certificate of Authorization No. 1293 LS

CANADIAN

County, Oklahoma

200' FSL-340' FEL Section 7 Township 11N Range 8W I.M.

NOTE:
The information shown herein is for
construction purposes ONLY.



LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: COMANCHE EXPLORATION CO., LLC

Lease Name: WOODHOUSE

Well No.: 7-1H

ELEVATION:

1349' Gr. at Stake

Topography & Vegetation Loc. fell in rolling grass pasture.

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road.

Distance & Direction

from Hwy Jct or Town From the Junction of US Hwy. 270 North and I-40 West, go South ±4.5 miles

on Calumet Road, then East ±2 miles, then South ±2 miles to the SE Cor. of Sec. 7-11N-8W.

DATUM: NAD-27
LAT: 35°26'08.3"N
LONG: 98°04'46.0"W
LAT: 35.435638926°N
LONG: 98.079440270°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1976334
Y: 158588

Invoice # 282259

Date of Drawing: Oct. 10, 2017

Date Staked: Oct. 9, 2017

TR

CERTIFICATE:

I, Thomas L. Howell an 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

