

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

API NUMBER: 093 25043

Approval Date: 11/21/2016
Expiration Date: 05/21/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 20N Rge: 16W County: MAJOR
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 1070

Lease Name: COMBS Well No: 19-18-1H 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

STEPHEN J. & JO LYNN COMBS
ROUTE 1, BOX 12
CHESTER OK 73838

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	8200	6
2			7
3			8
4			9
5			10

Spacing Orders: 80607
142459

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604178
201604181

Special Orders:

Total Depth: 14414

Ground Elevation: 1699

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 570

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31848
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 18 Twp 20N Rge 16W County MAJOR

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 135

Feet From: EAST 1/4 Section Line: 1070

Depth of Deviation: 8760

Radius of Turn: 324

Direction: 360

Total Length: 5145

Measured Total Depth: 14414

True Vertical Depth: 9243

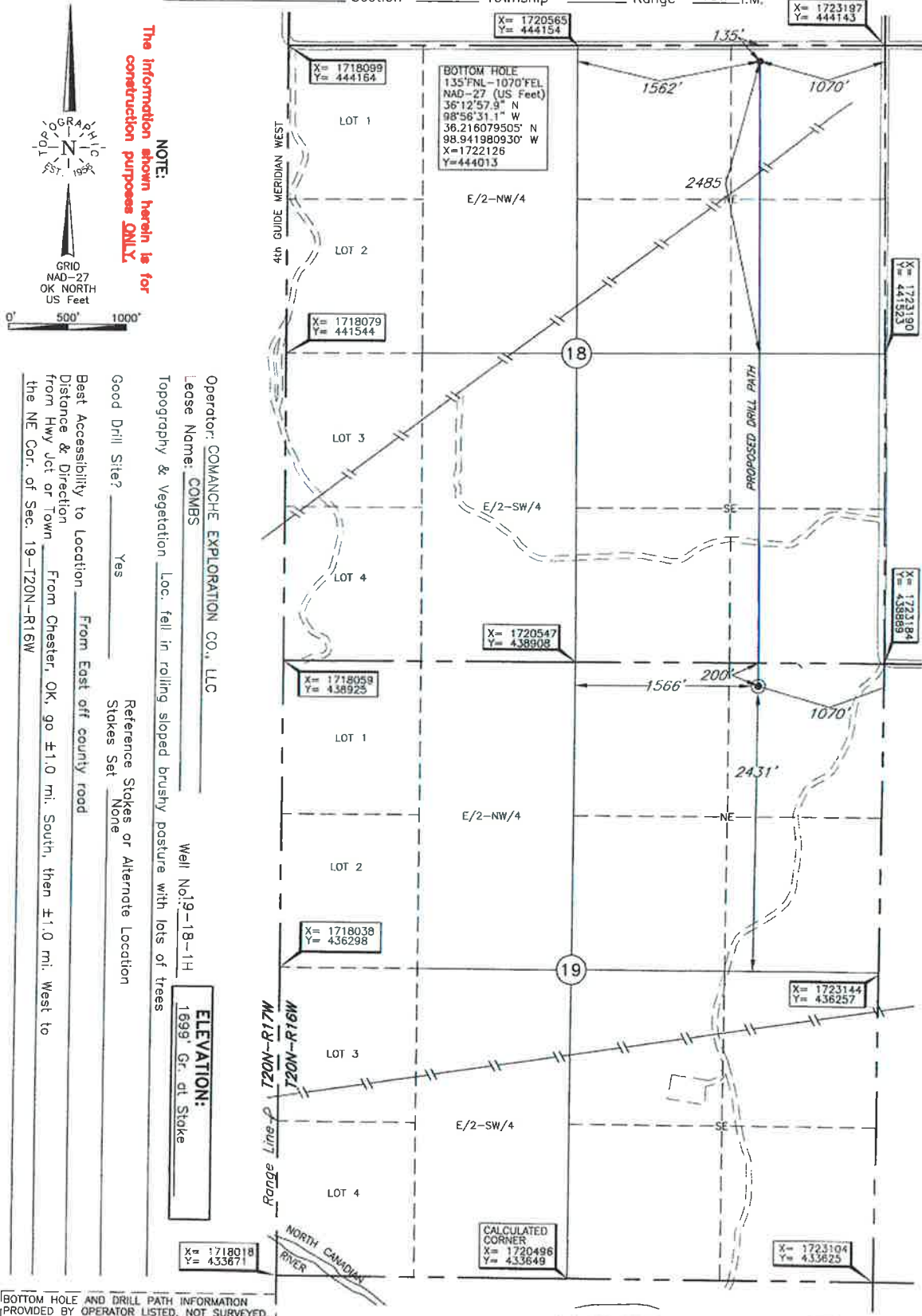
End Point Location from Lease,
Unit, or Property Line: 135

Notes:

Category	Description
HYDRAULIC FRACTURING	11/21/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
INTERMEDIATE CASING	11/21/2016 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
PENDING CD - 201604178	11/21/2016 - G64 - (640)(HOR) 18-20N-16W VAC 80607 CRLM, MNMCO EST MSSP, OTHER POE TO BHL NCT 660' FB REC. 10-17-2016 (DUNN)
PENDING CD - 201604181	11/21/2016 - G64 - (I.O.) 18-20N-16W X201604178 MSSP, OTHER COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC. 10-17-2016 (DUNN)

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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.

MAJOR _____ County, Oklahoma
 200' FNL - 1070' FEL Section 19 Township 20N Range 16W I.M.

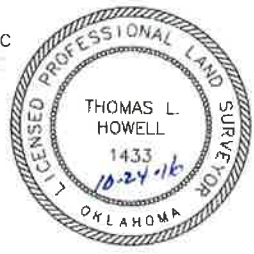


BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27
 LAT: 36°12'05.3"N
 LONG: 98°56'30.7"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1722111
 Y: 438697

Date of Drawing: Oct. 24, 2016
 Invoice # 266691A Date Staked: Oct. 20, 2016 AC

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



Operator: COMANCHE EXPLORATION CO., LLC
 Lease Name: COMBS
 Topography & Vegetation Loc. fell in rolling sloped brushy pasture with lots of trees
 Well No: 19-18-1H
 ELEVATION: 1699' Gr. at Stake
 Good Drill Site? Yes
 Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From East off county road
 Distance & Direction From Chester, OK, go ±1.0 mi. South, then ±1.0 mi. West to the NE Cor. of Sec. 19-T20N-R16W