

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

API NUMBER: 093 25239

Approval Date: 11/25/2019

Expiration Date: 05/25/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 20N Rge: 15W

County: MAJOR

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 205 865

Lease Name: MARTIN

Well No: 7-1H

Well will be 205 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

PAUL & BETTY MARTIN LIVING TRUST, PAUL & BETTY
MARTIN, TTEES
234149 E COUNTY ROAD #54
FAIRVIEW OK 73737

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	9000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 110453

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904965
201904966

Special Orders:

Total Depth: 13814

Ground Elevation: 1800

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 430

Deep surface casing has been approved

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-37078

H. SEE MEMO

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

The duration of this permit is 18 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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 07 Twp 20N Rge 15W County MAJOR

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 135

Feet From: EAST 1/4 Section Line: 600

Depth of Deviation: 8197

Radius of Turn: 450

Direction: 175

Total Length: 4910

Measured Total Depth: 13814

True Vertical Depth: 9170

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

Notes:

Category

Description

DEEP SURFACE CASING

11/7/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/7/2019 - G71 - 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: OCCEWEB.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

INTERMEDIATE CASING

11/7/2019 - 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

MEMO

11/7/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201904965

11/25/2019 - GB1 - 7-20N-15W
X110453 MSSLM
1 WELL
NO OP. NAMED
REC. 11/12/2019 (PRESLAR)

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

The duration of this permit is 18 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.

093 25239 MARTIN 7-1H

PENDING CD - 201904966

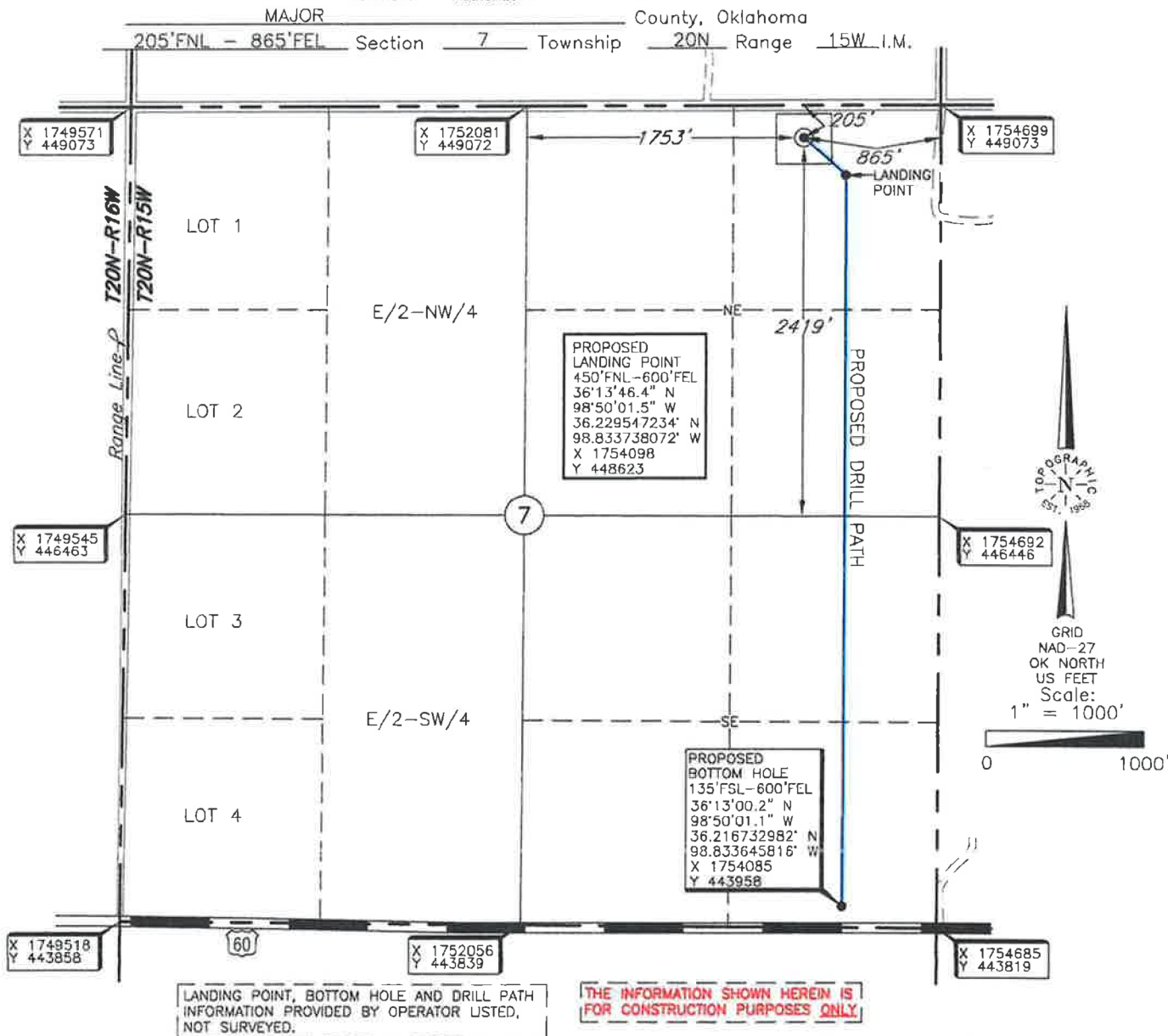
11/25/2019 - GB1 - (I.O.) 7-20N-15W
X110453 MSSLM
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL
NO OP. NAMED
REC. 11/12/2019 (PRESLAR)

SPACING - 110453

11/25/2019 - GB1 - (640) 7-20N-15W
EST MSSLM, OTHER

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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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LSOperator: COMANCHE EXPLORATION CO., LLCLease Name: MARTINWell No.: 7-1H**ELEVATION:**1800' Gr. at StakeTopography & Vegetation Loc. fell in sandy grass pasture.Good Drill Site? YesReference Stakes or Alternate Location
Stakes Set NoneBest Accessibility to Location From the North off County Road.

Distance & Direction

from Hwy Jct or Town From Chester, OK, go ±1 mi. North, then go ±5 mi. to the NE Corner of Section 7,
T20N-R15W.This information was
gathered with a GPS receiver
with ±1 foot Horiz./Vert. accuracy

DATUM: NAD-27
 LAT: 36°13'48.8" N
 LONG: 98°50'04.7" W
 LAT: 36.230213634' N
 LONG: 98.834642103' W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1753833
 Y: 448868

Date of Drawing: July 05, 2019
 Project # 127959 Date Staked: July 03, 2019 ST

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 Reg. No. 1433

