

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

API NUMBER: 039 22568

Approval Date: 03/12/2019

Expiration Date: 09/12/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 15N Rge: 14W County: CUSTER

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 290 235

Lease Name: SABERTOOTH Well No: 1-31H Well will be 235 feet from nearest unit or lease boundary.

Operator Name: BLAKE PRODUCTION COMPANY INC

Telephone: 4052869800

OTC/OCC Number: 18119 0

BLAKE PRODUCTION COMPANY INC
1601 NW EXPRESSWAY STE 777
OKLAHOMA CITY, OK 73118-1446

SARATOGA FARMS LLC
2001 SARATOGA CROSSING
RYAN MCNEILL
EDMOND OK 73003

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

Name	Depth	Name	Depth
1 OSWEGO	9900	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 126536

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803825
201803824
201901622

Special Orders:

Total Depth: 15845

Ground Elevation: 1728

Surface Casing: 610

Depth to base of Treatable Water-Bearing FM: 360

Under Federal Jurisdiction: Yes

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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? Y

Wellhead Protection Area? Y

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: 19-36074
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 31 Twp 15N Rge 14W County CUSTER

Spot Location of End Point: SW NE SE SE

Feet From: SOUTH 1/4 Section Line: 900

Feet From: EAST 1/4 Section Line: 340

Depth of Deviation: 9350

Radius of Turn: 573

Direction: 131

Total Length: 5595

Measured Total Depth: 15845

True Vertical Depth: 9935

End Point Location from Lease,
Unit, or Property Line: 340

Notes:

Category

Description

HYDRAULIC FRACTURING

2/12/2019 - 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

PENDING CD - 201803824

3/7/2019 - GB1 - 31-15N-14W
X126536 OSWG
1 WELL
NO OP. NAMED
REC. 8/15/2018 (P. PORTER)

PENDING CD - 201803825

3/7/2019 - GB1 - (I.O.) 31-15N-14W
X126536 OSWG
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 330' FEL, NCT 330' FWL
NO OP. NAMED
REC. 8/15/2018 (P. PORTER)

PENDING CD - 201901622

3/12/2019 - GB1 - (I.O.) 32-15N-14W
X165:10-3-28(C)(2)(B) OSWG (SABERTOOTH 1-31H)
MAY BE CLOSER THAN 600' TO LAPEL 1
BLAKE PRODUCTION COMPANY, INC.
HEARING 4/1/2019; OK'D PER MCCOY

PUBLIC WATER SUPPLY WELLS

2/12/2019 - G71 - THOMAS - 5 PWS/WPA, 4 - SW/4 & 1 - NW/4 31-15N-14W

SPACING - 126536

3/7/2019 - GB1 - (640) 31-15N-14W
EXT OTHERS
EXT 118159/121743 OSWG

SURFACE CASING

2/12/2019 - G71 - MIN. 500' PER ORDER 42589

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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.

039 22568 SABERTOOTH 1-31H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

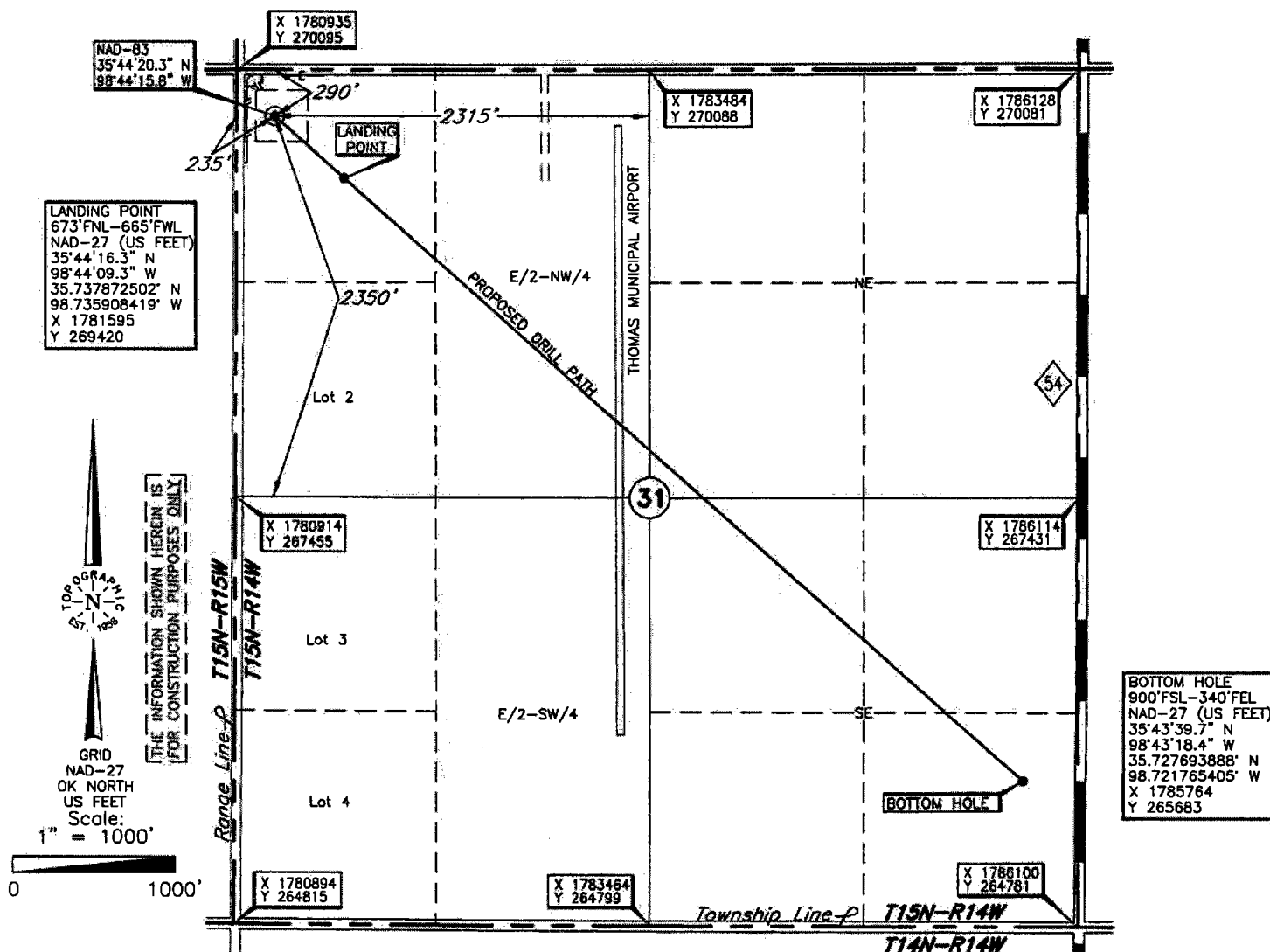
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

CLUSTER

County, Oklahoma

290'FNL - 235'FWL Section 31 Township 15N Range 14W I.M.



Operator: BLAKE PRODUCTION CO.

Lease Name: **SABERTOOTH**

Well No.: 1-31H

ELEVATION:

1729' Gr. at Stake (NAVD 88)

1728' Gr. at Stake (NGVD 29)

Topography & Vegetation Loc. fell in power field; $\pm 252'$ South of overhead powerline; $\pm 171'$ East of N-S pipeline

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

Best Accessibility to Location From West off county road

Distance & Direction

Distance & Direction
from Hwy Jct or Town From Jct. St. Hwy. 33 & St. Hwy. 54, NE of Thomas, OK, go ± 0.75 mi. South

on St. Hwy. 54, then ± 1.0 mi. West on county road to the NW Cor. of Sec. 31-T15N-R14W

Revision ☒ A Date of Drawing: Jan. 15, 2019

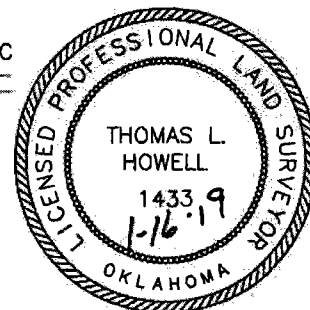
Invoice # 310718A Date Staked: Dec. 28, 2018

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

Oklahoma Lic. No. 1433



This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
LAT: 35°44'20.1" N
LONG: 98°44'14.5" W
LAT: 35.738918686° N
LONG: 98.737356720° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1781168
Y: 269804