

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

API NUMBER: 067 21102

Approval Date: 11/09/2017

Expiration Date: 05/09/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 5S Rge: 4W

County: JEFFERSON

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 225 800

Lease Name: WILSON

Well No: 1H-16

Well will be 225 feet from nearest unit or lease boundary.

Operator Name: BLUE DEVIL EXPLORATION LLC

Telephone: 9185954858

OTC/OCC Number: 24095 0

BLUE DEVIL EXPLORATION LLC
100 W 5TH ST STE 1100
TULSA, OK 74103-4217

WILSON CATTLE CO.
P.O. BOX 720
RINGLING OK 73456

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

Name	Depth	Name	Depth
1 VIOLA	7400	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706455
201706657

Special Orders:

Total Depth: 12725

Ground Elevation: 908

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 610

Under Federal Jurisdiction: No

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: 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 BED AQUIFER

Pit Location Formation: GARBER

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33363
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 16 Twp 5S Rge 4W County JEFFERSON

Spot Location of End Point: E2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 7318

Radius of Turn: 750

Direction: 185

Total Length: 4229

Measured Total Depth: 12725

True Vertical Depth: 8000

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

11/7/2017 - 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

11/7/2017 - 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 - 201706455

11/7/2017 - G57 - (E.O.) (640) 16-5S-4W
VAC 161810 VIOL, OTHERS
EST VIOL, OTHERS
BLUE DEVIL EXPLOR., LLC
REC 10-30-2017 (M. PORTER)

PENDING CD - 201706657

11/7/2017 - G57 - (E.O.) 16-5S-4W
X201706455 VIOL, OTHERS
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 330' FWL
BLUE DEVIL EXPLOR., LLC
REC 11-9-2017 (M. PORTER)

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.

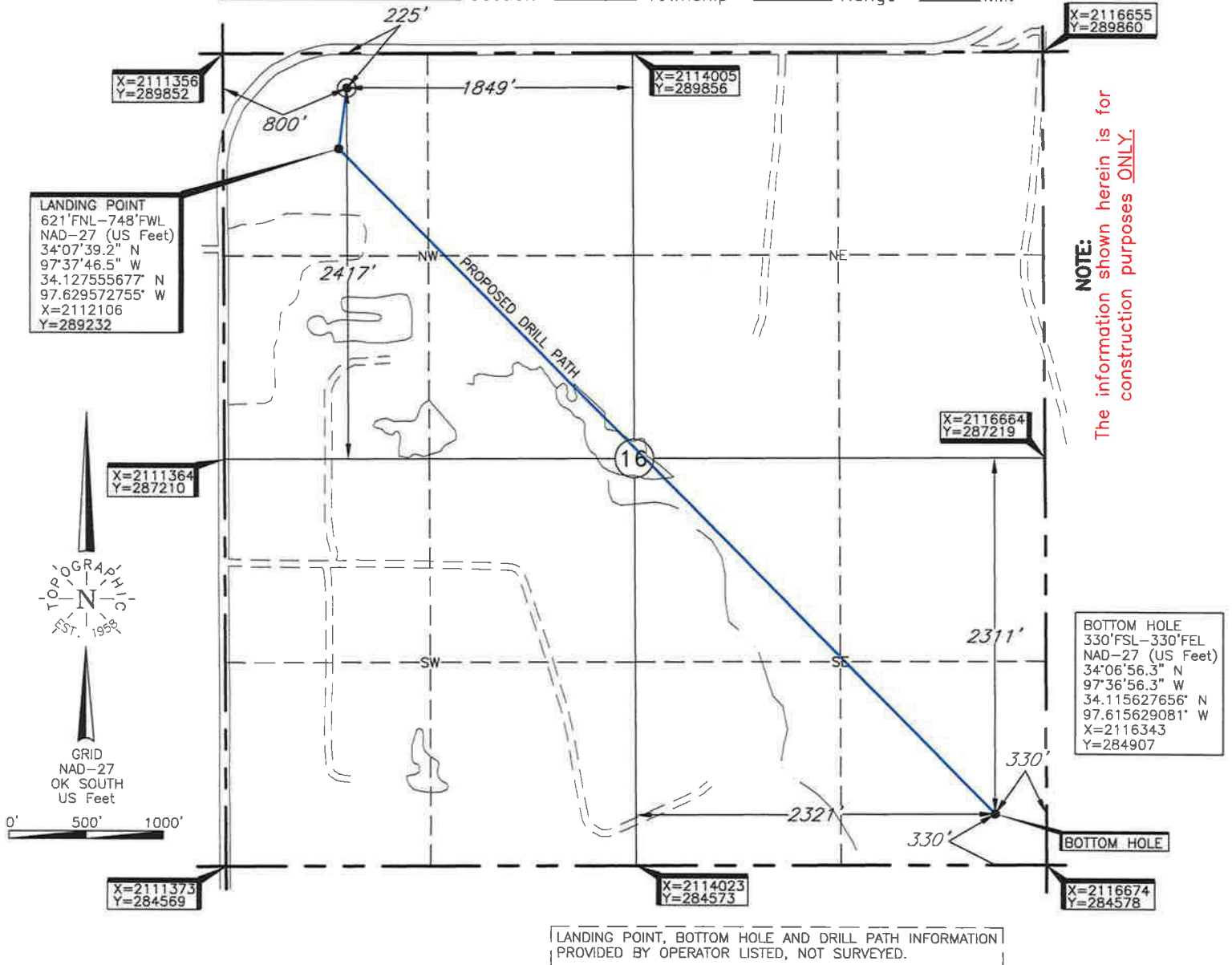
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

067 21102 WILSON 1H-16

JEFFERSON

County, Oklahoma

225'FNL - 800'FWL Section 16 Township 5S Range 4W I.M.



Operator: BLUE DEVIL EXPLORATION, LLC

Lease Name: WILSON

Well No.: 1H-16

ELEVATION:

908' Gr. at Stake NGVD29

Topography & Vegetation Loc. fell in grass pasture, ±175' West to grove trees, ±190' North to overhead power line and right-of-way fence

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

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Jct. US Hwy. 70 and St. Hwy. 89 in Ringling, OK, go ±1.6 mi. West on US Hwy. 70, then ±2.0 mi. South, then ±1.0 mi. West on county road to the NW Cor. of Sec. 16-T5S-R4W

Revision ☒ D

Date of Drawing: Dec. 15, 2017

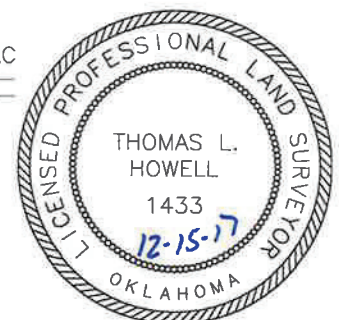
Invoice # 281344 Date Staked: Sep. 27, 2017

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: 34°07'43.1"N
LONG: 97°37'45.8"W
LAT: 34.128643462° N
LONG: 97.629399856° W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2112157
Y: 289628