

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

API NUMBER: 109 22468

Approval Date: 05/09/2019
Expiration Date: 11/09/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION: SW NW NW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 2147 2373

Lease Name: AEGON 1404

Well No: 16-28 1BH

Well will be 2147 feet from nearest unit or lease boundary.

Operator Name: REVOLUTION RESOURCES LLC

Telephone: 4055345232

OTC/OCC Number: 24162 0

REVOLUTION RESOURCES LLC
14301 CALIBER DR STE 110
OKLAHOMA CITY, OK 73134-1016

COMMISSIONERS OF THE LAND OFFICE
204 N. ROBINSON AVE., SUITE 900
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 HUNTON	6760	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 20212

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17021

Ground Elevation: 1095

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 700

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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: KINGMAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36589

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 28 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SW SE SE NW

Feet From: NORTH 1/4 Section Line: 2390

Feet From: WEST 1/4 Section Line: 2160

Depth of Deviation: 6187

Radius of Turn: 573

Direction: 183

Total Length: 9934

Measured Total Depth: 17021

True Vertical Depth: 6760

End Point Location from Lease,
Unit, or Property Line: 2160

Notes:

Category

Description

HYDRAULIC FRACTURING

5/6/2019 - 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,

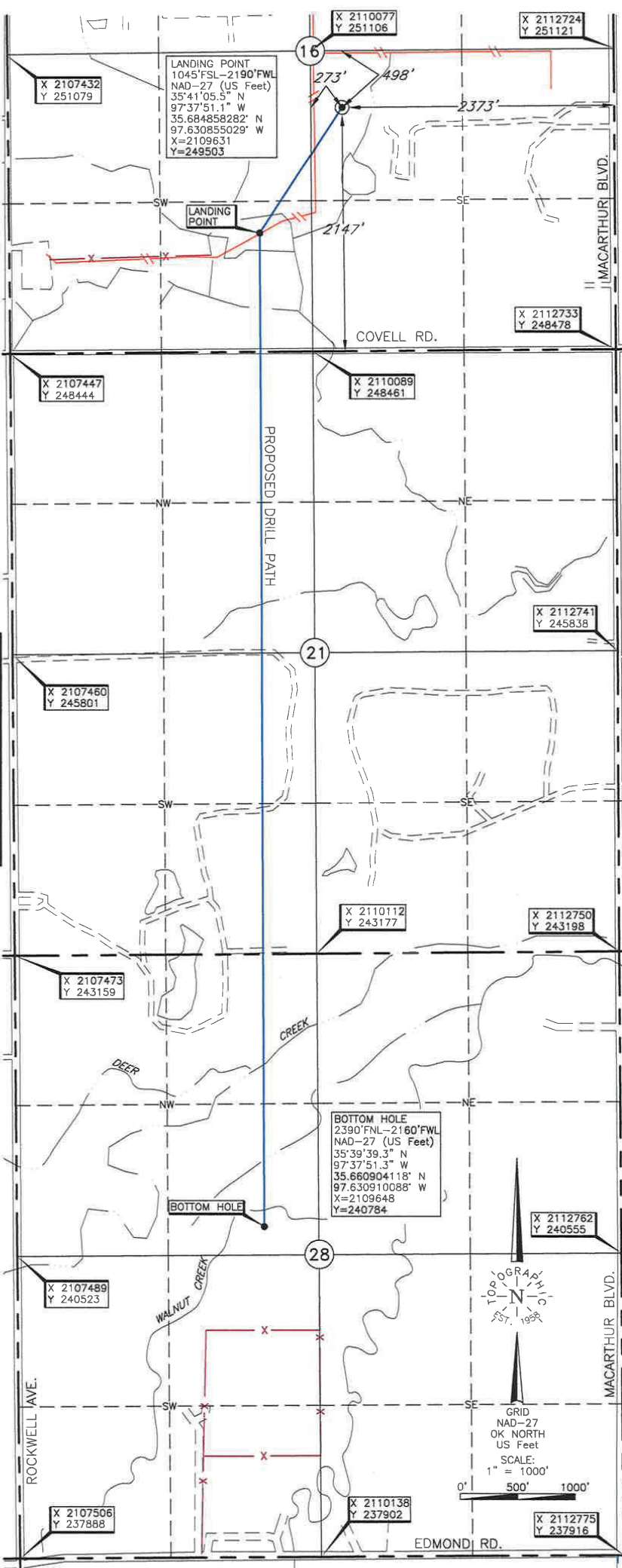
3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

SPACING - 20212

5/9/2019 - G56 - (UNIT) 16, 21 & 28-14N-4W
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

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

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 LS
 OKLAHOMA
 County, Oklahoma
 Section 16 Township 14N Range 4W 1.M.



LANDING POINT
 1045'FSL-2190'FWL
 NAD-27 (US Feet)
 35°41'05.5" N
 97°37'51.1" W
 35.684858282' N
 97.630855029' W
 X=2109631
 Y=249503

BOTTOM HOLE
 2390'FNL-2160'FWL
 NAD-27 (US Feet)
 35°39'39.3" N
 97°37'51.3" W
 35.660904118' N
 97.630910088' W
 X=2109648
 Y=240784

ELEVATION:
 1095' Gr. at Level Pad

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

Operator: REVOLUTION RESOURCES
 Lease Name: AECON 1404
 Well No.: 16-28-1BH
 Topography & Vegetation: Location fell in on an existing pod; existing well fell 90' NW
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From North off county road
 Distance & Direction: From the Jct of McArthur & Coffee Creek Rd is the NE Cor. from Hwy Jct or Town Sec. 16-14N-R4W, go ±0.5 mile West, then ±0.6 mile South to exist location in SE/4 of Sec. 16-14N-R4W

DATE: NAD-27
 LAT: 35°41'16.4"N
 LONG: 97°37'42.3"W
 LAT: 35.687890746° N
 LONG: 97.628410333° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2110353
 Y: 250610

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

Date of Drawing: Apr. 22, 2019
 Project # 125835A Date Staked: Apr. 18, 2019

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

