

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

API NUMBER: 109 22469

Approval Date: 05/10/2019

Expiration Date: 11/10/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION: ☐ SW ☐ NW ☐ SE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1764 1334

Lease Name: ARCADIA FARMS 1404 15-16

Well No: 3BH

Well will be 1334 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

ARCADIA FARMS, LLC  
P.O. BOX 18756  
OKLAHOMA CITY OK 73154

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

Name	Depth	Name	Depth
1 HUNTON	6529	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: 12986

Ground Elevation: 1086

Surface Casing: 670

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: 2500

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

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

PERMIT NO: 19-36308

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 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SE SW NW NW

Feet From: NORTH 1/4 Section Line: 1150

Feet From: WEST 1/4 Section Line: 650

Depth of Deviation: 6006

Radius of Turn: 573

Direction: 275

Total Length: 6080

Measured Total Depth: 12986

True Vertical Depth: 6579

End Point Location from Lease,

Unit, or Property Line: 650

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

5/8/2019 - 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](http://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](http://FRACFOCUS.ORG)

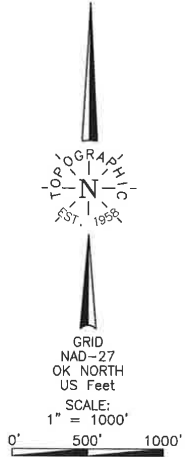
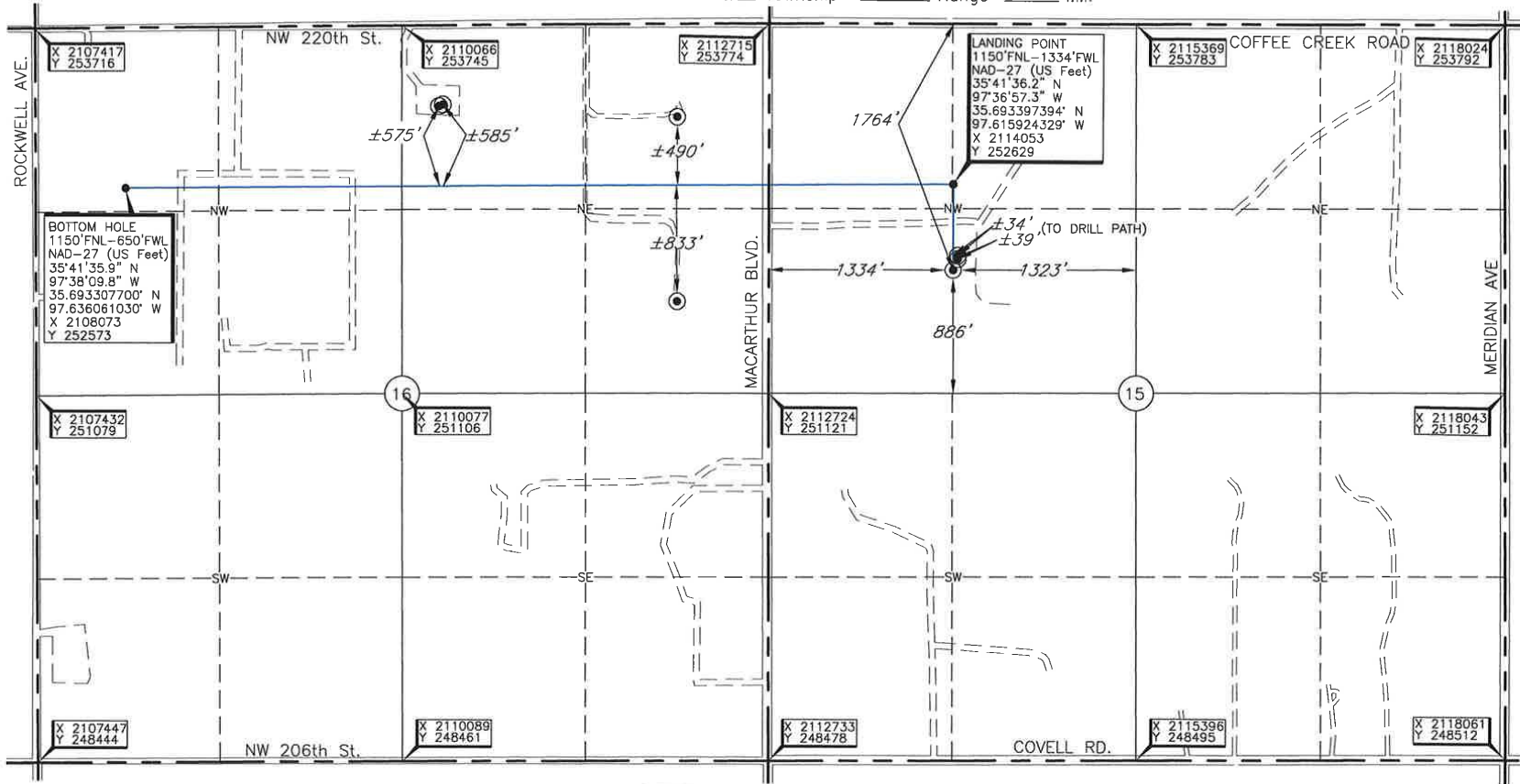
SPACING - 20212

5/9/2019 - G75 - (UNIT) 15 & 16-14N-4W  
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

API 109-22469

**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  
1764'FNL-1334'FWL Section 15 Township 14N Range 4W I.M.



(This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy.)  
DATUM: NAD-27  
LAT: 35°41'30.2" N  
LONG: 97°36'57.3" W  
LAT: 35.691709617° N  
LONG: 97.615925318° W  
STATE PLANE COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2114055  
Y: 252014

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Operator: REVOLUTION RESOURCES  
Lease Name: ARCADIA FARMS 1404 15-16 Well No.: 3BH  
Topography & Vegetation Staked on existing pad, existing well heads are  $\pm 85'$  &  $\pm 109'$  NE.

**ELEVATION:**  
1086' at existing level pad.

Date Drawn: Feb. 15, 2019  
Project # 123976 Date Staked: Feb. 12, 2019 ST

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From the West of county road.  
Distance & Direction from Hwy Jct or Town From intersection of St. Hwy. 74 & Waterloo Rd., Go  $\pm 2.0$  mi. South on Hwy 74, thence  $\pm 2.0$  mi. West on NW 220th St., to the NW corner of Section 15, T14N-R4W.

**CERTIFICATE:**  
I, Dan W. Rogers an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.  
*Dan W. Rogers*  
Oklahoma Lic. No. 1200

