

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

API NUMBER: 109 22472

Approval Date: 07/30/2019

Expiration Date: 01/30/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 540 186

Lease Name: ARYA 1404 06-12

Well No: 1BH

Well will be 186 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

JOHN M. BLAIR & MARILYN J. BLAIR  
12575 S. MERIDIAN  
EDMOND OK 73025

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

Name	Depth	Name	Depth
1 HUNTON	6880	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: 15874

Ground Elevation: 1150

**Surface Casing: 700**

Depth to base of Treatable Water-Bearing FM: 650

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: SALT PLAINS

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

PERMIT NO: 19-36741

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 01 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 300

Feet From: WEST 1/4 Section Line: 1485

Depth of Deviation: 6307

Radius of Turn: 573

Direction: 270

Total Length: 8667

Measured Total Depth: 15874

True Vertical Depth: 6880

End Point Location from Lease,  
Unit, or Property Line: 300

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

7/23/2019 - 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)

PUBLIC WATER SUPPLY WELL

7/23/2019 - G71 - ST DAMIEN CATHOLIC CHURCH - 1 PWS/WPA, SE/4 6-14N-5W

SPACING - 20212

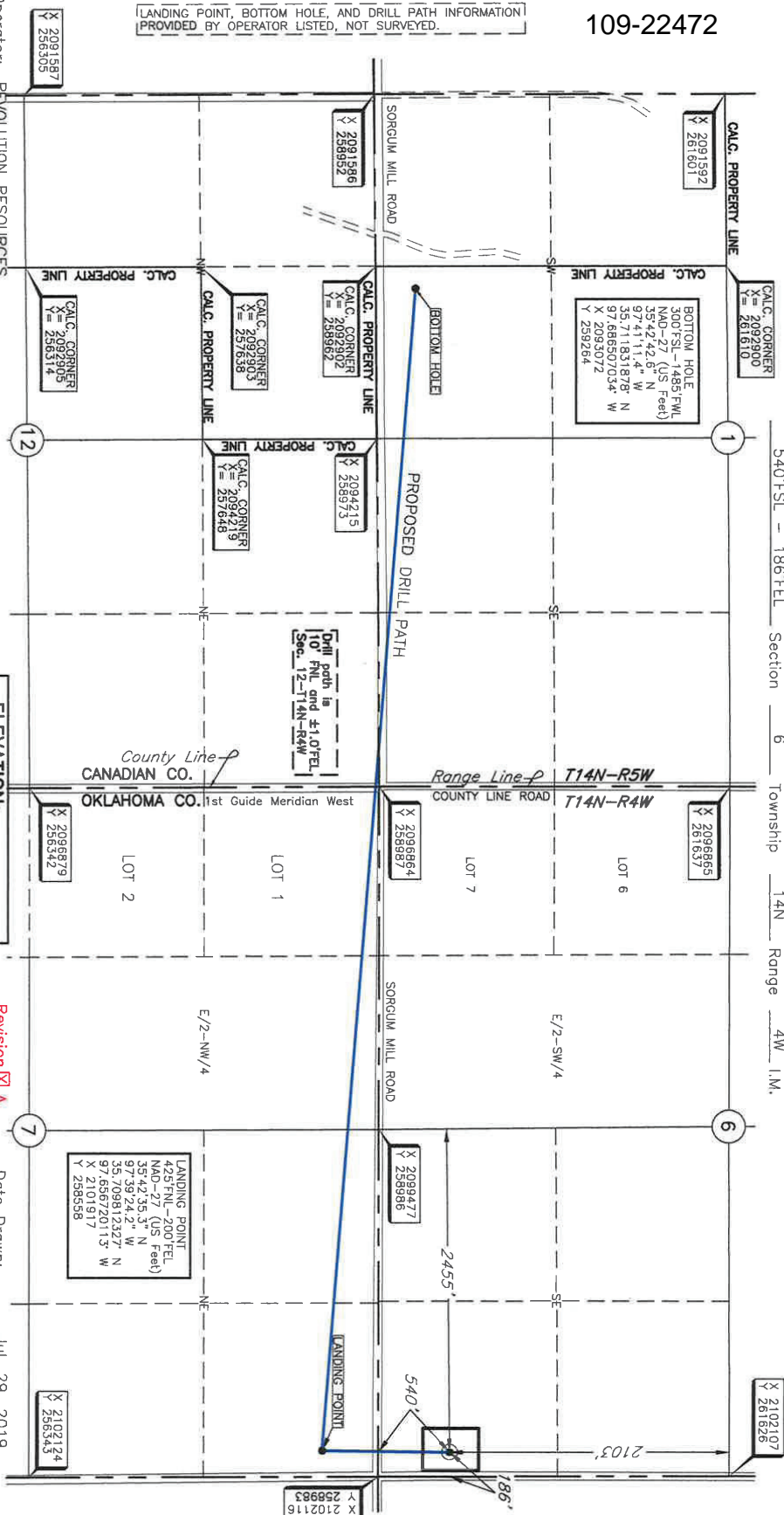
7/30/2019 - G56 - (UNIT) E2, SE4 NW4, NE4 SW4 12-14N-5W; N2, SE4, NE4 SW4, SE4 SW4 1-14N-5W; 7-14N-4W  
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

109-22472

# **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

540' FSL - 186' FEL Section 6 Township 14N Range 4W 1.M.



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

Operator: **REVOLUTION RESOURCES**  
 Lease Name: **ARYA 1404 06-12**  
 Well No.: **1BH**  
 ELEVATION: **1150' Gr. at Stake**

Topography & Vegetation Location fell in open cultivated field.

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

Best Accessibility to Location From the East off county road.  
 Distance & Direction From the intersection of St. Hwy 74 & Sorghum Mill Rd. go West ±4.0 mi;  
 to the SE Corner of Section 6, T14N-R4W.

Revision ☒ A Date Drawn: **Jul. 29, 2019**  
 Project # **127076B** Date Staked: **June 17, 2019**

## **CERTIFICATE:**

I, Thomas L. Howell on 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



THE INFORMATION SHOWN HEREIN IS  
 FOR CONSTRUCTION PURPOSES ONLY

DATUM: **NAD-27**  
 LAT: **35°42'44.9" N**  
 LONG: **97°39'24.0" W**  
 LAT: **35.712463138° N**  
 LONG: **97.656672205° W**  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: **OK NORTH**  
 X: **2101928**  
 Y: **259523**

This information was  
 gathered with a GPS receiver  
 with ±1 foot horiz./vert. accuracy

0' 500' 1000'

1" = 1000'

SCALE:

US Feet

OK NORTH

NAD-27

GRID

186°

540'

2103'

2455'

2103'

186°

540'

2103'

2455'

2103'

186°

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