

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

API NUMBER: 073 25407

Approval Date: 11/01/2016
Expiration Date: 05/01/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: SW SW SW SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 225 230

Lease Name: EAST HENNESSEY UNIT

Well No: 229H

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

Operator Name: HINKLE OIL & GAS INC

Telephone: 4058480924

OTC/OCC Number: 21639 0

HINKLE OIL & GAS INC
5600 N MAY AVE STE 295
OKLAHOMA CITY, OK 73112-4275

ERNEST MATOUSEK
1174 NORTH MITCELL
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN SOLID	7050	6
2			7
3			8
4			9
5			10

Spacing Orders: 61709

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12880

Ground Elevation: 1157

Surface Casing: 140

Depth to base of Treatable Water-Bearing FM: 90

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: SALT PLAINS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31754

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 18 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 180

Depth of Deviation: 6990

Radius of Turn: 522

Direction: 359

Total Length: 5070

Measured Total Depth: 12880

True Vertical Depth: 7442

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category

Description

BOTTOM HOLE LOCATION

11/1/2016 - G64 - 0' FNL, 180' FWL PER STAKING PLAT

HYDRAULIC FRACTURING

10/31/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

SPACING - 61709

11/1/2016 - G64 - (UNIT) E2, E2 SW4 18-19N-6W & E2 7-19N-6W EST EAST HENNESSEY UNIT FOR THE OSWG, MNNG, MSSSD

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

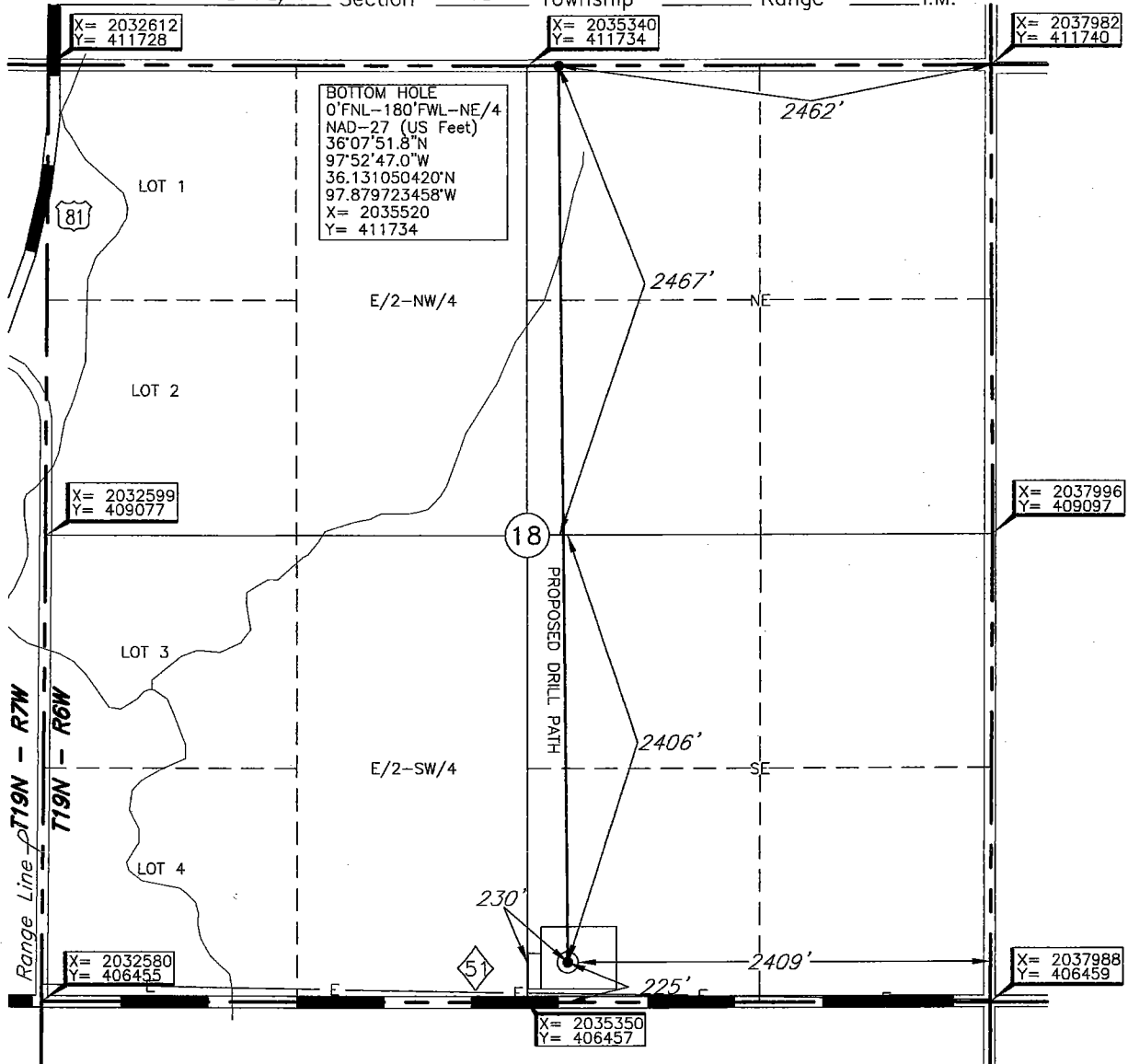
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

API: 073 25407

KINGFISHER County, Oklahoma

225' FSL-230' FWL-SE/4 Section 18 Township 19N Range 6W I.M.

NOTE:
 The information shown herein is for construction purposes ONLY.



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

Operator: HINKLE OIL & GAS, INC.

Lease Name: EHU

Well No.: 229H

ELEVATION:
1157' Gr. at Stake

Topography & Vegetation Loc. fell in a level plowed field; ±173' North of E-W powerline

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

Best Accessibility to Location From South off St. Hwy. 51

Distance & Direction from Hwy Jct or Town From St. Hwy. 51 and US Hwy. 81 in Hennessey, OK, go East on St. Hwy. 51 ±1.5 miles to the SE Cor. of Sec. 18-T19N-R6W.

(This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy.)
 DATUM: NAD-27
 LAT: 36°07'01.8"N
 LONG: 97°52'46.4"W
 LAT: 36.117170175°N
 LONG: 97.879542829°W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2035579
 Y: 406682

Date of Drawing: Aug. 22, 2016
 Invoice # 263865 Date Staked: Aug. 18, 2016 TR

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

Thomas L. Howell
 Oklahoma Lic. No. 1433

