

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

API NUMBER: 073 26620

Approval Date: 08/23/2019
Expiration Date: 02/23/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: SW SE SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 175 502

Lease Name: EAST HENNESSEY UNIT

Well No: 260H

Well will be 175 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

RICHARD PATOCKA
1802 KIOWA DRIVE
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN SOLID	7200	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: 13000

Ground Elevation: 1091

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 310

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: 4000 Average: 1800

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: 19-36870

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 04 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 180

Feet From: EAST 1/4 Section Line: 340

Depth of Deviation: 8082

Radius of Turn: 573

Direction: 1

Total Length: 4918

Measured Total Depth: 13000

True Vertical Depth: 7250

End Point Location from Lease,
Unit, or Property Line: 180

Notes:

Category

Description

HYDRAULIC FRACTURING

8/19/2019 - 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 - 61709

8/22/2019 - GB6 - (UNIT) 4-19N-6W
EST EAST HENNESSEY UNIT FOR MSSSD, OTHERS

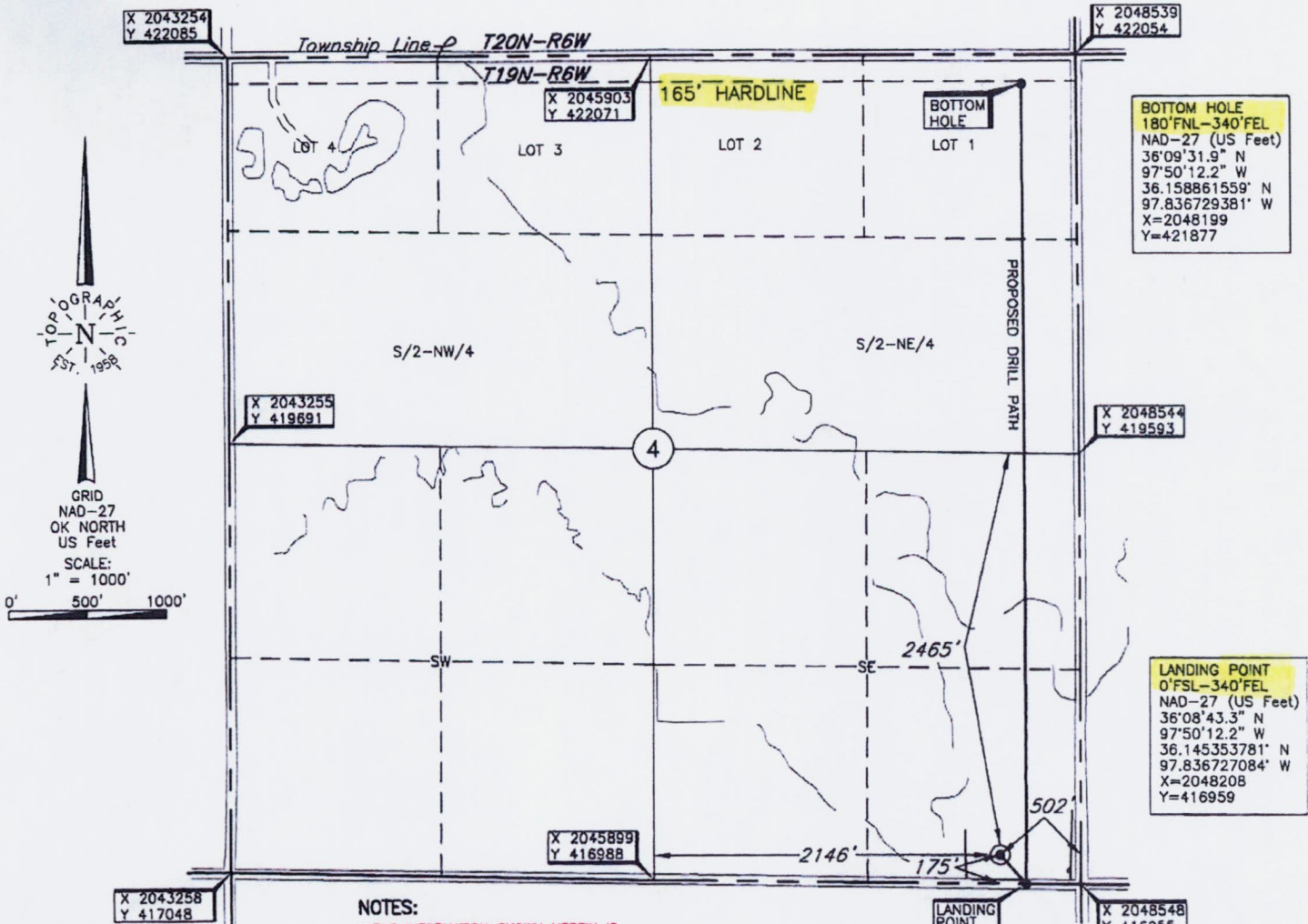
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

KINGFISHER

County, Oklahoma

175'FSL-502'FEL Section 4 Township 19N Range 6W I.M.



BOTTOM HOLE
 180'FNL-340'FEL
 NAD-27 (US Feet)
 36°09'31.9" N
 97°50'12.2" W
 36.158861559" N
 97.836729381" W
 X=2048199
 Y=421877

LANDING POINT
 0'FSL-340'FEL
 NAD-27 (US Feet)
 36°08'43.3" N
 97°50'12.2" W
 36.145353781" N
 97.836727084" W
 X=2048208
 Y=416959

NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: HINKLE OIL & GAS

Lease Name: EHU

Well No.: 260H

ELEVATION:

1091' Gr. at Stake

Topography & Vegetation Location fell in plowed field, ±214' East of pipeline & 441' West of pipeline

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

Best Accessibility to Location From South off county road

Distance & Direction From Hennessey, Okla, go ±0.5 mile North, then ±3 miles East, then ±2 miles to the SE Cor. of Sec. 4-T19N-R6W

Date of Drawing: Aug. 08, 2019

Project # 128656 Date Staked: Aug. 05, 2019

LC

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

DATUM: NAD-27
 LAT: 36°08'45.0"N
 LONG: 97°50'14.2"W
 LAT: 36.145840815° N
 LONG: 97.837277838° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2048045
 Y: 417137

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

