

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

API NUMBER: 073 26168

Approval Date: 07/24/2018

Expiration Date: 01/24/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 19N Rge: 7W

County: KINGFISHER

SPOT LOCATION:

SE

SW

NW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

1625

380

Lease Name: HENNESSEY UNIT 1907

Well No: 2UMH-36-25

Well will be 380 feet from nearest unit or lease boundary.

Operator
Name: CHAPARRAL ENERGY LLC

Telephone: 4054264451; 4054264

OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC
701 CEDAR LAKE BLVD
OKLAHOMA CITY, OK 73114-7800

WOODS ACRES, INC.
P.O. BOX 713
CHOCTAW OK 73020

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN SOLID	7085	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 61811

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13685

Ground Elevation: 1123

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 90

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-34790

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 25 Twp 19N Rge 7W County KINGFISHER

Spot Location of End Point: NW NW NW SW

Feet From: SOUTH 1/4 Section Line: 2475

Feet From: WEST 1/4 Section Line: 325

Depth of Deviation: 6651

Radius of Turn: 573

Direction: 359

Total Length: 6134

Measured Total Depth: 13685

True Vertical Depth: 7150

End Point Location from Lease,
Unit, or Property Line: 325

Notes:

Category

Description

DEEP SURFACE CASING

6/27/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

6/27/2018 - 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 - 61811

7/9/2018 - G57 - (UNIT) W2 SW4 25 & W2 NW4, S2 36-19N-7W
EST HENNESSEY UNIT FOR MSSSD, OTHERS

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

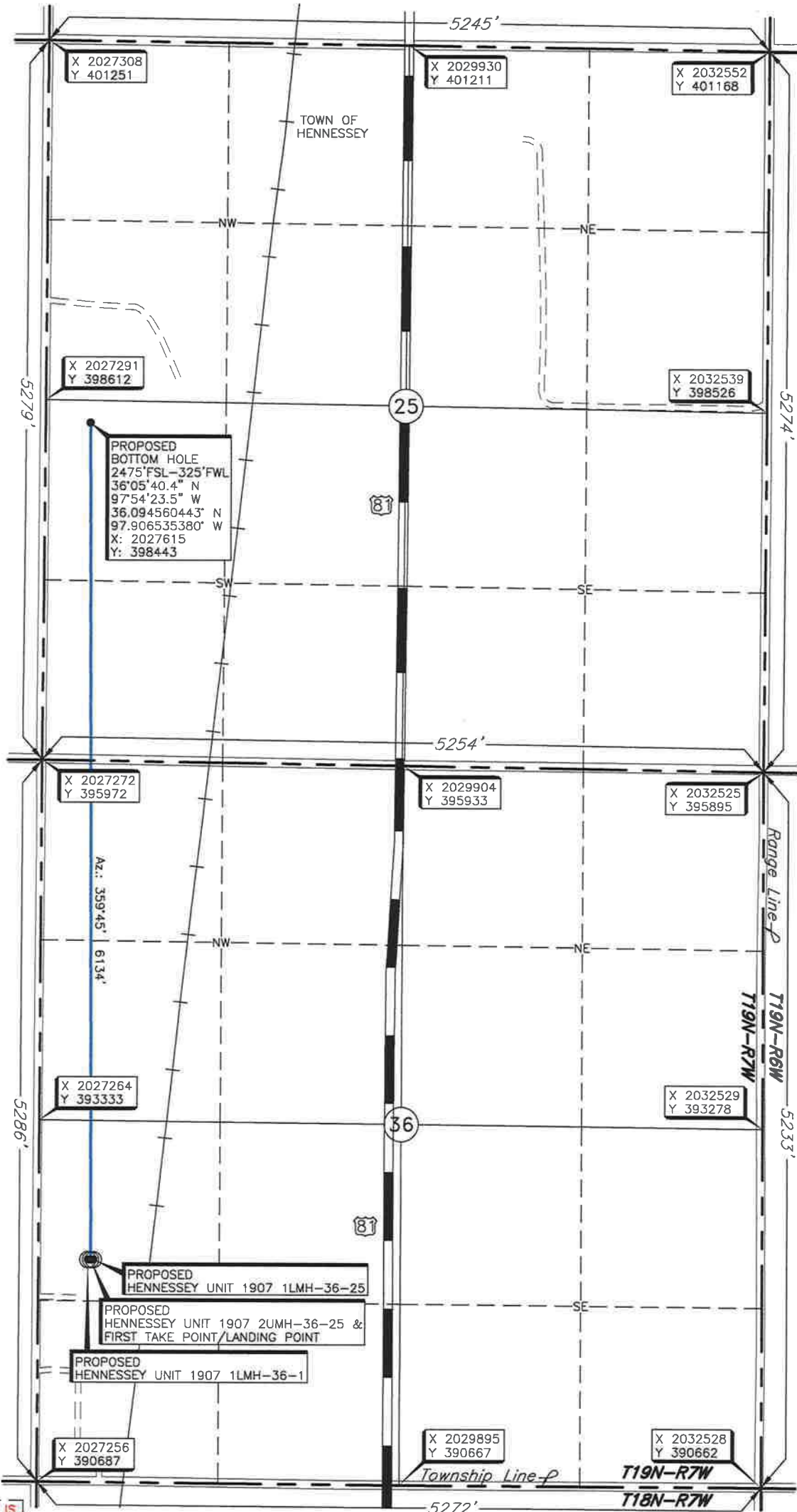
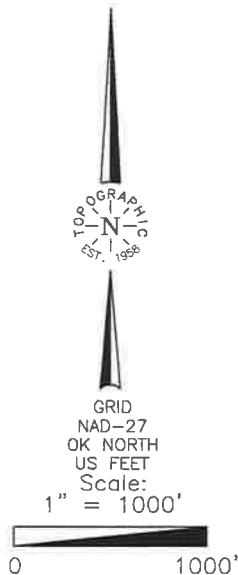
API: 073 26168

KINGFISHER

County, Oklahoma

1625'FSL-380'FWL Section 36 Township 19N Range 7W I.M.

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



Operator: CHAPARRAL ENERGY, LLC.
Lease Name: HENNESSEY UNIT 1907
Topography & Vegetation Location fell in sloping wheat field
Well No.: 2UMH-36-25
ELEVATION: 1123' Gr. at Stake
Good Drill Site? Yes
Best Accessibility to Location From West off county road
Distance & Direction from Hwy Jct or Town From the junction of US Hwy 81 & St. Hwy 51 in Hennessey, Oklahoma, go ± 3 miles South on US Hwy 81, then ± 0.5 mile West to the Southwest Corner of Section 36, T19N-R7W.
Reference Stakes or Alternate Location
Stakes Set None

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
LAT: 36°04'39.8" N
LONG: 97°54'23.3" W
LAT: 36.077709589° N
LONG: 97.906466846° W
STATE PLANE COORDINATES (US FEET):
ZONE: OK NORTH
X: 2027641
Y: 392309

Date of Drawing: July 12, 2018
Invoice # 298140A Date Staked: June 12, 2018 NB

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

