

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

API NUMBER: 073 26005

Approval Date: 04/17/2018

Expiration Date: 10/17/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2287 1257

Lease Name: EAST HENNESSEY UNIT

Well No: 243HMN

Well will be 1257 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

ROBERT J. MALY
1818 GINGHAM LANE
ENID OK 73703

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

Name	Depth	Name	Depth
1 MANNING	6650	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: 12412

Ground Elevation: 1075

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 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

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

PERMIT NO: 18-34249

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 10 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: S2 S2 S2 NW

Feet From: NORTH 1/4 Section Line: 2637

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6127

Radius of Turn: 573

Direction: 179

Total Length: 5385

Measured Total Depth: 12412

True Vertical Depth: 6657

End Point Location from Lease,
Unit, or Property Line: 1320

Notes:

Category

Description

HYDRAULIC FRACTURING

4/9/2018 - 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 - 61709

4/16/2018 - G75 - (UNIT) 3 & 10-19N-6W
EST EAST HENNESSEY UNIT FOR MNNG, OTHERS

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

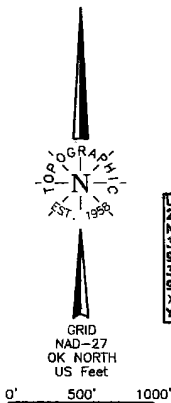
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

KINGFISHER

County, Oklahoma

API 073-26005

2287' FNL - 1257' FWL Section 3 Township 19N Range 6W I.M.



LANDING POINT
2354' FNL - 1207' FWL
NAD-27 (US Feet)
36°09'10.5" N
97°49'53.4" W
36.152866778° N
97.831489702° W
X=2049750
Y=419697

X=2048544
Y=418593

Operator: HINKLE OIL & GAS
Lease Name: EHU

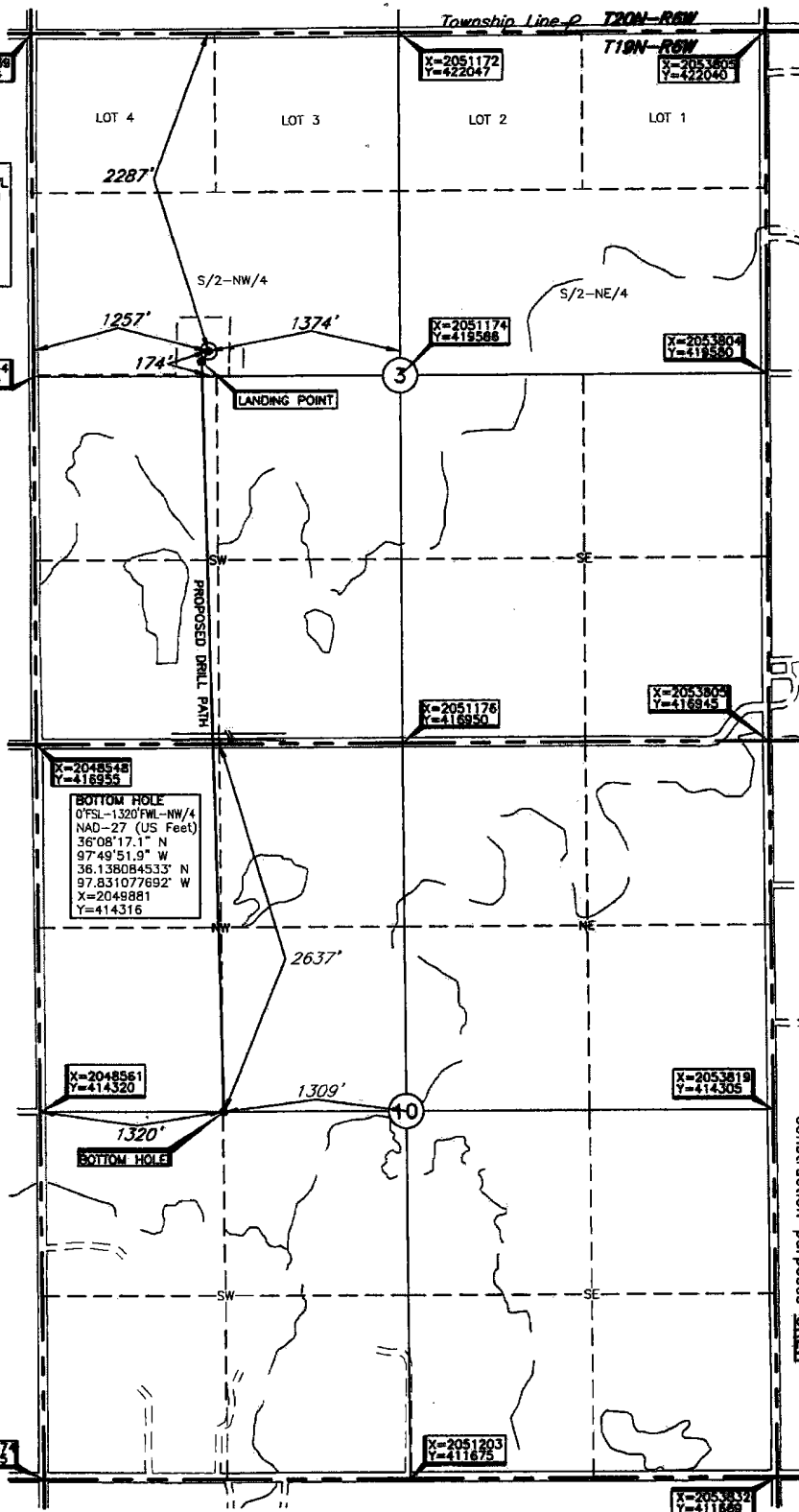
Topography & Vegetation Loc. fell in open pasture

Well No.: 243 HMN
ELEVATION: 1075' Gr. at Stake

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From West off county road
Distance & Direction From Hennessy, OK, go ±6.5 mi. North on US Hwy. 81, then ±3.1 mi. East,
then ± 1.0 mi. South to the SW Cor. of Sec. 3-119N-R6W



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

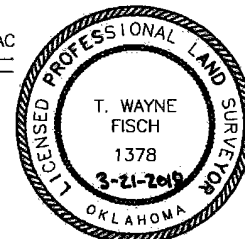
NOTE:
The information shown herein is for
construction purposes ONLY.

Revision ☒ A Date of Drawing: Mar. 21, 2018
Invoice # 289839A Date Staked: Mar. 07, 2018

CERTIFICATE:

I, T. Wayne Fisch, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

T. Wayne Fisch
Oklahoma Lic. No. 1378



DATUM: NAD-27
LAT: 36°09'11.0"N
LONG: 97°49'52.8"W
LAT: 36.153050524° N
LONG: 97.831319990° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2049800
Y: 419764