

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

API NUMBER: 073 25376

Approval Date: 09/20/2016
Expiration Date: 03/20/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 18N Rge: 6W County: KINGFISHER
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 165 1310

Lease Name: EAST HENNESSEY UNIT Well No: 228H Well will be 165 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

JIM SHIMANEK
20636 EAST 600 ROAD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN SOLID	7100	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: 13227

Ground Elevation: 1134

Surface Casing: 190

Depth to base of Treatable Water-Bearing FM: 140

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31616

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 06 Twp 18N Rge 6W County KINGFISHER

Spot Location of End Point: SE SE SE SE

Feet From: SOUTH 1/4 Section Line: 180

Feet From: EAST 1/4 Section Line: 180

Depth of Deviation: 7250

Radius of Turn: 750

Direction: 170

Total Length: 4799

Measured Total Depth: 13227

True Vertical Depth: 7100

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

Notes:

Category

Description

HYDRAULIC FRACTURING

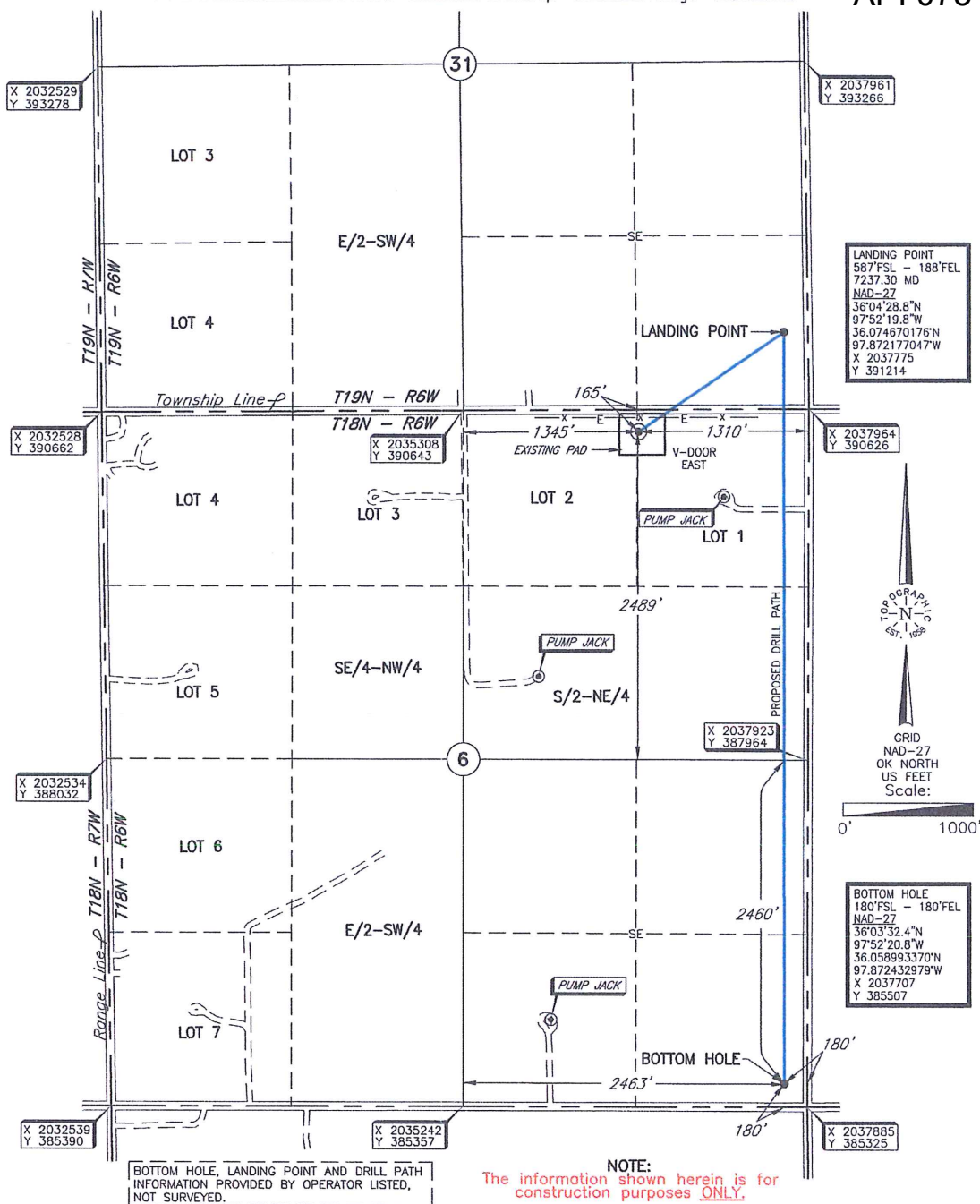
9/19/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; 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

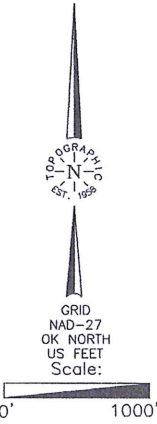
9/19/2016 - G75 - (UNIT) 31-19N-6W & 6-18N-6W
EST EAST HENNESSEY UNIT FOR MSSSD, OTHERS

KINGFISHER County, Oklahoma
 165'FNL - 1310'FEL Section 6 Township 18N Range 6W I.M.

API 073-25376



LANDING POINT
 587'FSL - 188'FEL
 7237.30 MD
 NAD-27
 36°04'28.8"N
 97°52'19.8"W
 36.074670176"N
 97.872177047"W
 X 2037775
 Y 391214



BOTTOM HOLE
 180'FSL - 180'FEL
 NAD-27
 36°03'32.4"N
 97°52'20.8"W
 36.058993370"N
 97.872432979"W
 X 2037707
 Y 385507

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

Operator: HINKLE OIL & GAS
 Lease Name: EHU

Well No.: 228H **ELEVATION:**
 1134' Gr. at level pad

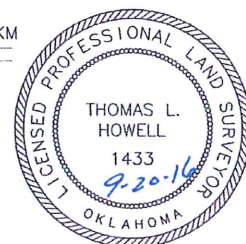
Topography & Vegetation Location fell on level pad, 60' east of well head, ±129' south of fence and Powerline.
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From North off county road.
 Distance & Direction from Hwy Jct or Town From the Jct. of St. Hwy. 51 and U.S. Hwy. 81 at Hennessey, Ok., go ±3 miles South on U.S. Hwy. 81, then ±1.5 miles East to the NE Corner of Section 6, T18N - R6W.

DATUM: NAD-27
 LAT: 36°04'21.5"N
 LONG: 97°52'33.5"W
 LAT: 36.072628519°N
 LONG: 97.875983674°W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2036651
 Y: 390469

Revision A Date of Drawing: September 19, 2016
 Invoice # 263866 Date Staked: August 18, 2016 RKM

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 Reg. No. 1433



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