

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

API NUMBER: 073 25406 A

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

Horizontal Hole Oil & Gas

Amend reason: CHANGE TOTAL DEPTH, SURFACE LOCATION, &  
BOTTOM HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 19N Rge: 6W County: KINGFISHER  
SPOT LOCATION:  NE  NE  NE  NW FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 183 275

Lease Name: EAST HENNESSEY UNIT Well No: 216H Well will be 183 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

VIRGIL E AND ROSE ANN SCHOVANEC  
EAST 610 ROAD  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN SOLID	7000	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: 12966

Ground Elevation: 1105

**Surface Casing: 360**

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: 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: 16-31749

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 15 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 1358

Depth of Deviation: 6972

Radius of Turn: 574

Direction: 185

Total Length: 5093

Measured Total Depth: 12966

True Vertical Depth: 7458

End Point Location from Lease,  
Unit, or Property Line: 0

Notes:

Category

Description

BOTTOM HOLE LOCATION

11/22/2016 - G64 - 0' FSL, 1320' FEL 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) 15-19N-6W & N2 22-19N-6W EST EAST HENNESSEY UNIT FOR THE OSWG, MNNG, MSSSD

SURFACE LOCATION

11/22/2016 - G64 - 183' FNL, 275' FEL PER STAKING PLAT

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

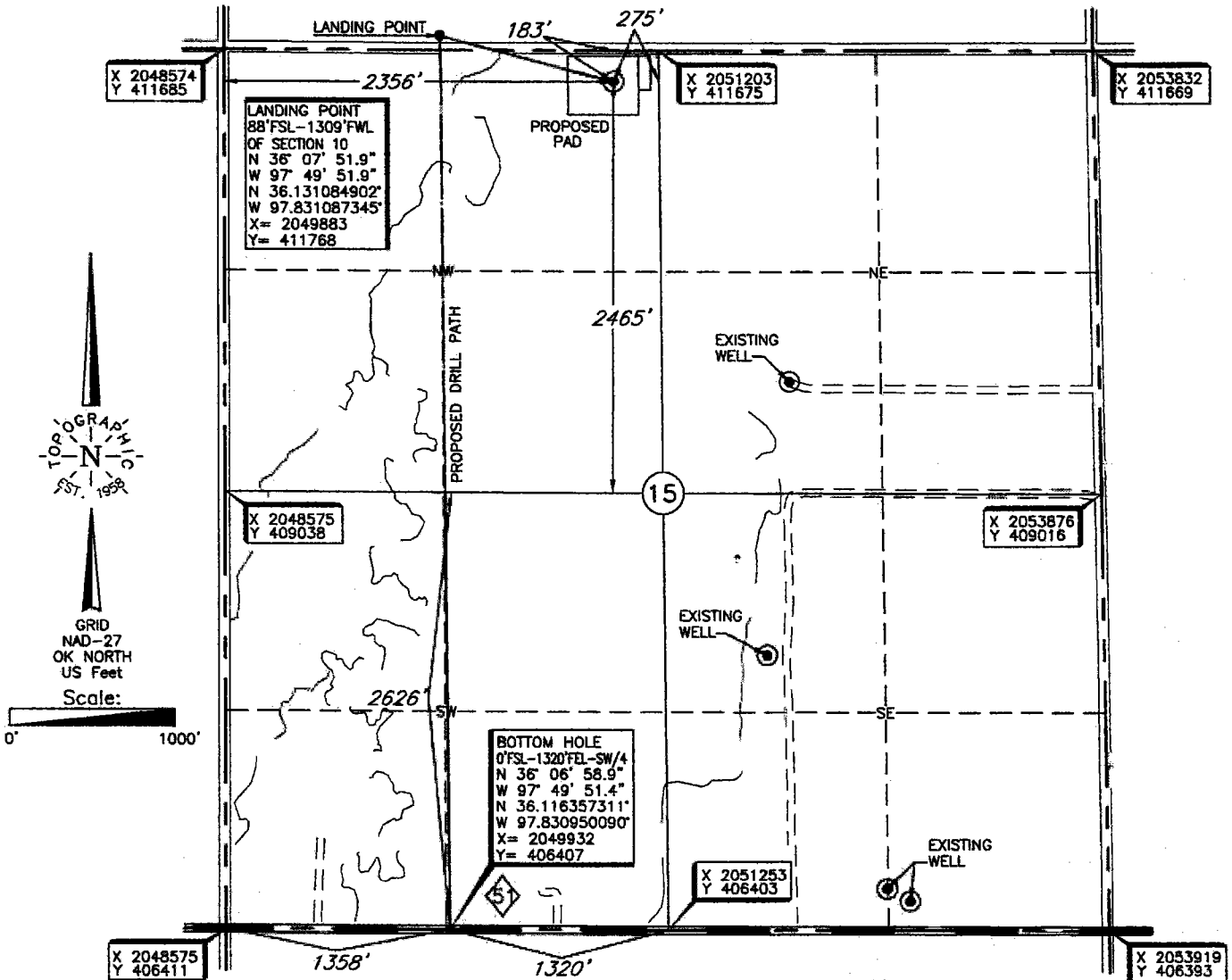
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS.

KINGFISHER

County, Oklahoma

API: 073 25406

183'FNL-275'FEL-NW/4 Section 15 Township 19N Range 6W I.M.



**LANDING POINT**  
 88'FSL-1309'FWL  
 OF SECTION 10  
 N 36° 07' 51.9"  
 W 97° 49' 51.9"  
 N 36.131084902°  
 W 97.831087345°  
 X= 2049883  
 Y= 411768

**BOTTOM HOLE**  
 0'FSL-1320'FEL-SW/4  
 N 36° 06' 58.9"  
 W 97° 49' 51.4"  
 N 36.116357311°  
 W 97.830950090°  
 X= 2048932  
 Y= 406407

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

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

Operator: HINKLE OIL & GAS  
 Lease Name: EHU Well No.: 216H **ELEVATION:** 1104' Gr. at Stake  
 Topography & Vegetation Location fell in a level plowed field, ±273' west of existing powerline.  
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None  
 Best Accessibility to Location From county road north of well location.  
 Distance & Direction From Jct. St. Hwy 51 and US Hwy. 81 at Hennessey, OK. go East on  
St. Hwy 51 ±3.5 miles, then go ±1 mile north to the Northwest Corner of Section 15, T19N-R6W.

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy  
 DATUM: NAD-27  
 LAT: 36°07'49.2"N  
 LONG: 97°49'39.2"W  
 LAT: 36.130324385°N  
 LONG: 97.827541774°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2050930  
 Y: 411493

Date of Drawing: November 14, 2016  
 Invoice # 268175 Date Staked: August 18, 2016 JWG

**CERTIFICATE:**  
 I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.  
 Oklahoma Lic. No. 1778

