

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

API NUMBER: 073 26173

Approval Date: 07/26/2018

Expiration Date: 01/26/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 19N Rge: 7W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 265 650

Lease Name: HENNESSEY UNIT 1907

Well No: 1LMH-27

Well will be 265 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

THE ESTATE OF ERNEST MATOUSEK  
C/O DENNIS MATOUSEK  
1174 N. MITCHELL RD  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPI SOLID	7209	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: 13150

Ground Elevation: 1121

**Surface Casing: 450**

Depth to base of Treatable Water-Bearing FM: 200

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: 18-34948

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 27 Twp 19N Rge 7W County KINGFISHER

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 6780

Radius of Turn: 800

Direction: 357

Total Length: 5113

Measured Total Depth: 13150

True Vertical Depth: 7615

End Point Location from Lease,

Unit, or Property Line: 165

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

7/19/2018 - 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](http://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](http://FRACFOCUS.ORG)

SPACING - 61811

7/26/2018 - G57 - (UNIT) 27 & 34-19N-7W  
EST HENNESSEY UNIT FOR MSSSD, OTHERS

KINGFISHER

County, Oklahoma

265' FNL-650' FWL Section 34 Township 19N Range 7W I.M.



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

X 2016736  
Y 401279

PROPOSED  
BOTTOM HOLE  
165' FNL-330' FWL  
36°06'06.9" N  
97°56'32.0" W  
36.101920650" N  
97.942235761" W  
X: 2017065  
Y: 401114

X 2019388  
Y 401274

X 2022040  
Y 401269

EXISTING WELL  
1596' E. OF  
DRILL PATH

X 2016729  
Y 398640

X 2022019  
Y 398627

EXISTING WELL  
1663' E. OF  
DRILL PATH

PROPOSED  
LANDING POINT  
0' FSL-330' FWL  
36°05'16.4" N  
97°56'32.3" W  
36.087876744" N  
97.942308069" W  
X: 2017047  
Y: 396001

X 2016717  
Y 396002

X 2019358  
Y 395994

X 2021999  
Y 395986

PROPOSED  
HENNESSEY UNIT 1907 1LMH-34

PROPOSED  
HENNESSEY UNIT 1907 1LMH-27

X 2016717  
Y 393364

X 2021985  
Y 393363

X 2016696  
Y 390733

X 2019330  
Y 390730

X 2021970  
Y 390720

Township Line  
T19N-R7W  
T18N-R7W

Operator: CHAPARRAL ENERGY, LLC.  
Lease Name: HENNESSEY UNIT 1907  
Topography & Vegetation Location fell in grass pasture  
Good Drill Site? Yes  
Best Accessibility to Location From North off county road  
Distance & Direction from Hwy Jct or Town From the junction of St. Hwy 51 & US Hwy 81, go ±2.5 miles West on St. Hwy 51, then ±2 miles South to the Northwest Corner of Section 34, T19N-R7W.

Reference Stakes or Alternate Location  
Stakes Set None

Well No.: 1LMH-27

ELEVATION:

1121' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

was received  
accuracy  
SPS a thin with  
gathered in situ

DATUM: NAD-27  
LAT: 36°05'13.7" N  
LONG: 97°56'28.4" W  
LAT: 36.087145360" N  
LONG: 97.941226771" W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2017367  
Y: 395735

Date of Drawing: July 13, 2018  
Invoice # 297936A Date Staked: July 10, 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

