

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

API NUMBER: 073 26621

Approval Date: 08/23/2019
Expiration Date: 02/23/2021

Horizontal Hole Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 17N Rge: 7W County: KINGFISHER
SPOT LOCATION: NE SE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 682 2376

Lease Name: LOW VALLEY 1807 Well No: 2LOH-36 Well will be 682 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC Telephone: 4054788770; 4054264 OTC/OCC Number: 16896 0

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

BEATRIX BARR
1789 E0710 RD
DOVER OK 73734

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	7220	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 666867

Location Exception Orders:

Increased Density Orders: 697079

Pending CD Numbers: 201901632

Special Orders:

Total Depth: 13100

Ground Elevation: 1089

Surface Casing: 530

Depth to base of Treatable Water-Bearing FM: 280

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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? Y

Wellhead Protection Area? Y

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: 19-36837

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

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

HORIZONTAL HOLE 1

Sec 36 Twp 18N Rge 7W County KINGFISHER

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1550

Depth of Deviation: 7120

Radius of Turn: 652

Direction: 355

Total Length: 4956

Measured Total Depth: 13100

True Vertical Depth: 7720

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

PUBLIC WATER SUPPLY WELL

7/26/2019 - G71 - DOVER PWA - 1 PWS/WPA, NE/4 2-17N-7W

SPACING

8/23/2019 - G56 - N/A - STRATIGRAPHIC TEST

STRATIGRAPHIC TEST

8/23/2019 - G56 - THIS WELL HAS BEEN APPROVED AS A STRATIGRAPHIC TEST WITH THE INTENT TO SET SURFACE CASING ONLY. OPERATOR WILL FILE AN AMENDED FORM 1000 CHANGING THE TYPE OF DRILLING OPERATION AT A LATER DATE.