

API NUMBER: 073 26697

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

Approval Date: 03/17/2020

Expiration Date: 09/17/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 15 Township: 16N Range: 6W County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 211 2346

Lease Name: YOSHI 1606 Well No: 2LOH-15 Well will be 211 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC Telephone: 4054788770; 4054264481; OTC/OCC Number: 16896 0

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

MASON REALTY NOMINEE TRUST U/D/T DATED MAY 12, 1998
560 MASON RD
HOLDEN MA 01520

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

Name	Code	Depth
1 MISSISSIPPIAN (LESS CHESTER)	359MSNLC	7080

Spacing Orders: 657938

Location Exception Orders: 686811
704276

Increased Density Orders: 685204
704275

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 12950

Ground Elevation: 1098

Surface Casing: 490

Depth to base of Treatable Water-Bearing FM: 240

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37320
H. SEE MEMO

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: SALT PLAINS

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? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: SALT PLAINS

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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

Section: 15	Township: 16N	Range: 6W	Total Length: 4954
County: KINGFISHER			Measured Total Depth: 12950
Spot Location of End Point: SW	SE	SE	SW
Feet From: SOUTH			1/4 Section Line: 165
Feet From: WEST			1/4 Section Line: 2070
End Point Location from			True Vertical Depth: 7560
Lease, Unit, or Property Line: 165			

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>3/10/2020 - GC2 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
INCREASED DENSITY – 685204 (201806782)	<p>3/17/2020 - GB6 - 15-16N-6W X657983 MSNLC 10 WELLS CHAPARRAL ENERGY, LLC 10/18/2018</p>
INCREASED DENSITY – 704275	3/17/2020 - GB6 - EXTENSION OF ORDER # 685204 UNTIL 10/18/2020.
LOCATION EXCEPTION – 686811 (201806783)	<p>3/17/2020 - GB6 - (I.O.) 15-16N-6W X657938 MSNLC X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL CHAPARRAL ENERGY, LLC 11/16/2018</p>
LOCATION EXCEPTION – 704276	3/17/2020 - GB6 - EXTENSION OF ORDER # 686811 UNTIL 11/16/2020.
MEMO	3/10/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING – 657938	<p>3/17/2020 - GB6 - (640)(HOR) 15-16N-6W EXT 649363 MSNLC, OTHER COMPL. INT. (MSNLC) NCT 660' FB (COEXIST SP. ORDER # 61541/61637 MSSLM)</p>

This permit does not address the right of entry or settlement of surface damages.

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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.

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