

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

API NUMBER: 073 26147 B

Approval Date: 07/12/2018

Expiration Date: 01/12/2019

Horizontal Hole Oil & Gas

Amend reason: AMEND TO CHANGE WELL NAME FROM #5UMH-22 TO #5LMH-22

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 16N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 233 1921

Lease Name: KING KOOPA 1606

Well No: 5LMH-22

Well will be 233 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

MARCELLA P. WHORLEY, SOLE TRUSTEE
MELVIN & MARCELLA P. WHORLEY TRUST
P.O. BOX 94
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (LESS CHESTER)	7219	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 648302

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804172
201804168
201804174

Special Orders:

Total Depth: 12350

Ground Elevation: 1133

Surface Casing: 510

Depth to base of Treatable Water-Bearing FM: 260

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 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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34850
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 22 Twp 16N Rge 6W County KINGFISHER

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1790

Depth of Deviation: 6758

Radius of Turn: 382

Direction: 357

Total Length: 4991

Measured Total Depth: 12350

True Vertical Depth: 7340

End Point Location from Lease,

Unit, or Property Line: 150

Additional Surface Owner	Address	City, State, Zip
LINDA C. BEST	613 W. VAN BUREN TRUSTEE OF THE LINDA C. BES	CRESCENT, OK 73028
ESTATE OF RICHARD EMMERICH	29705 E. 730 RD	CRESCENT, OK 73028
CHARLES EMMERICH	2405 DAN VERE	ENID, OK 73703

Notes:

Category

Description

HYDRAULIC FRACTURING

7/10/2018 - 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; 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

PENDING CD - 201804168

7/12/2018 - G57 - 22-16N-6W
X648302 MSNLC
4 WELLS
CHAPARRAL ENERGY, LLC.
REC 6-18-2018 (MILLER)

PENDING CD - 201804172

7/12/2018 - G57 - (I.O.) 22-16N-6W
X648302 MSNLC
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FWL CHAPARRAL ENERGY, LLC.
REC 6-18-2018 (MILLER)

PENDING CD - 201804174

8/1/2018 - G57 - (I.O.) 22-16N-6W
X165:10-3-28(C)(2)(B) MSNLC (KING KOOPA 1606 3LMH-22)** MAY BE CLOSER THAN 600' TO THE BURNETT 1 & EMMERICH 1
CHAPARRAL ENERGY, LLC.
REC 6-18-2018 (MILLER)

**S/B KING KOOPA 1606 5LMH-22; WILL BE CORRECTED AT THE HEARING FOR THE FINAL ORDER PER THE OPERATOR

SPACING - 648302

7/12/2018 - G57 - (640)(HOR) 22-16N-6W
EXT 639566 MSNLC
POE TO BHL NCT 660' FB
(COEXIST WITH SP. ORDER #164545 MSSLM)

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

073 26147 KING KOOPA 1606 5LMH-22

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219 API:073 26147
Certificate of Authorization No. 1293 LS

KINGFISHER

County, Oklahoma

233'FSL-1921'FWL Section 22 Township 16N Range 6W 1.M.
5291'

X 2049271
Y 311827

PROPOSED
BOTTOM HOLE
150'FNL-1790'FWL
35°51'21.9" N
97°49'39.7" W
35.856094877" N
97.827697270" W
X: 2051061
Y: 311671

EXISTING WELL
1229' W. OF
DRILL PATH

X 2051917
Y 311818

X 2054562
Y 311810

EXISTING WELL
11' W. OF
DRILL PATH

X 2049274
Y 309184

X 2054559
Y 309170

PROPOSED
FIRST TAKE POINT
150'FSL-1790'FWL
35°50'32.6" N
97°49'39.7" W
35.842384355" N
97.827689398" W
X: 2051073
Y: 306680

EXISTING WELL
243' E. OF
DRILL PATH

PROPOSED
KING KOOPA 1606 5LMH-22
PROPOSED
KING KOOPA 1606 6UMH-22

X 2051929
Y 306531

X 2054557
Y 306524

X 2049283
Y 306528

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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



GRID
NAD-27
OK NORTH
US FEET
Scale:
1" = 1000'

0 1000'

Operator: CHAPARRAL ENERGY, LLC.

Lease Name: KING KOOPA 1606

Well No.: 5LMH-22

ELEVATION:

1133' Gr. at Stake

Topography & Vegetation Location fell in farm land with terraces

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From the junction of St. Hwy 33 E-W & US Hwy 81 in Kingfisher, Oklahoma, go
± 5.5 miles East on St. Hwy 33, then ± 1 mile South to the Southwest Corner of Section 22, T16N-R6W.

DATUM: NAD-27

LAT: 35°50'33.4" N

LONG: 97°49'38.1" W

LAT: 35.842612370° N

LONG: 97.827248838° W

STATE PLANE

COORDINATES (US FEET):

ZONE: OK NORTH

X: 2051203

Y: 306763

Date of Drawing: Aug. 8, 2018

Invoice # 300309C

Date Staked: June 26, 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.

Oklahoma Reg. No. 1433



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