

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

API NUMBER: 073 26130 A

Approval Date: 06/29/2018
Expiration Date: 12/29/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NAME FROM #2UMH-22 TO #2LMH-22

AMEND PERMIT TO DRILL

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

County: KINGFISHER

SPOT LOCATION: SE SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 285 1230

Lease Name: KING KOOPA 1606

Well No: 2LMH-22

Well will be 285 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

MELVIN & MARCELLA P. WHORLEY
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: 201804169
201804168

Special Orders:

Total Depth: 12250

Ground Elevation: 1126

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

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34847

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 NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 390

Depth of Deviation: 6653

Radius of Turn: 382

Direction: 350

Total Length: 4997

Measured Total Depth: 12250

True Vertical Depth: 7250

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
RICHARD G. EMMERICH	29705 E. 730 RD ESTATE OF RICHARD EMMERICH	CRESCENT, OK 73028
CHARLES EMMERICH	2405 DAN VERE	ENID, OK 73703

Notes:

Category

Description

HYDRAULIC FRACTURING

6/29/2018 - G57 - HYDRAULIC FRACTURING

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

6/29/2018 - G57 - 22-16N-6W
X648302 MSNLC
4 WELLS
CHAPARRAL ENERGY, LLC.
REC 6-18-2018 (MILLER)

PENDING CD - 201804169

6/29/2018 - 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)

SPACING - 648302

6/29/2018 - 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.

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.

073 26130 KING KOOPA 1606 2LMH-22

KINGFISHER County, Oklahoma

285'FSL-1230'FWL Section 22 Township 16N Range 6W I.M.

X 2049271
Y 311827

5291'

PROPOSED
BOTTOM HOLE
150'FSL-390'FWL
35°51'22.0" N
97°49'56.7" W
35.856114978" N
97.832421501" W
X: 2049661
Y: 311676

EXISTING WELL
171' E. OF
DRILL PATH

X 2051917
Y 311818

X 2054562
Y 311810

5299'

Az.: 359°52' 4997'

EXISTING WELL
1389' E. OF
DRILL PATH

X 2049274
Y 309184

X 2054559
Y 309170

PROPOSED
FIRST TAKE POINT
150'FSL-390'FWL
35°50'32.6" N
97°49'56.7" W
35.842386634" N
97.832412833" W
X: 2049673
Y: 306679

PROPOSED
KING KOOPA 1606 4UMH-22

EXISTING WELL
1643' E. OF
DRILL PATH

PROPOSED
KING KOOPA 1606
3UMH-22

PROPOSED
KING KOOPA 1606
2LMH-22

X 2051929
Y 306531

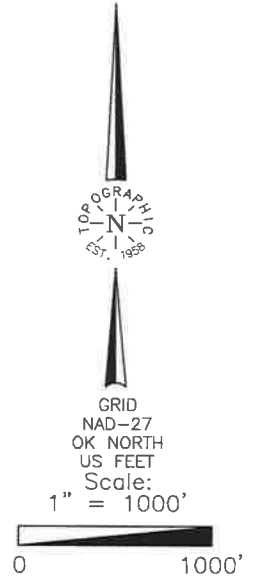
X 2054557
Y 306524

X 2049283
Y 306528

5274'

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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



Operator: CHAPARRAL ENERGY, LLC.

Lease Name: KING KOOPA 1606

Well No.: 2LMH-22

ELEVATION:

1126' 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°50'33.9" N
LONG: 97°49'46.5" W
LAT: 35.842756154° N
LONG: 97.829579808° W

Date of Drawing: Aug. 8, 2018

Invoice # 300309

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.

Thomas L. Howell
Oklahoma Reg. No. 1433



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

STATE PLANE
COORDINATES (US FEET):
ZONE: OK NORTH
X: 2050512
Y: 306815