

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

API NUMBER: 017 25306 A

Approval Date: 11/02/2018  
Expiration Date: 05/02/2020

Horizontal Hole Oil & Gas

Amend reason: SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 12N Rge: 7W

County: CANADIAN

SPOT LOCATION:  SE  SE  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 256 306

Lease Name: FORAKER 1207

Well No: 2UMH-11

Well will be 256 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

RICHARD D AND BILLIE L WILDS H/W  
603 RADIO ROAD  
MAX L AND TERESA J WILDS H/W  
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9066	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 694225

Location Exception Orders: 693143

Increased Density Orders: 691303

Pending CD Numbers:

Special Orders:

Total Depth: 14000

Ground Elevation: 1304

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 310

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35633

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? 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 11 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1040

Depth of Deviation: 8302

Radius of Turn: 477

Direction: 185

Total Length: 4949

Measured Total Depth: 14000

True Vertical Depth: 9200

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

Notes:

Category

Description

DEEP SURFACE CASING

10/30/2018 - GA8 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

10/30/2018 - GA8 - 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)

INCREASED DENSITY - 691303

4/1/2019 - G58 - 11-12N-7W  
X688728\*\* MSSP  
8 WELLS  
CHAPARRAL ENERGY, L.L.C.  
2/13/2019

\*\*SHOULD APPLY TO SPACING ORDER 694225; CORRECTED IN NPT REVIEWED BY OCC TECHNICAL OK PER MCCOY

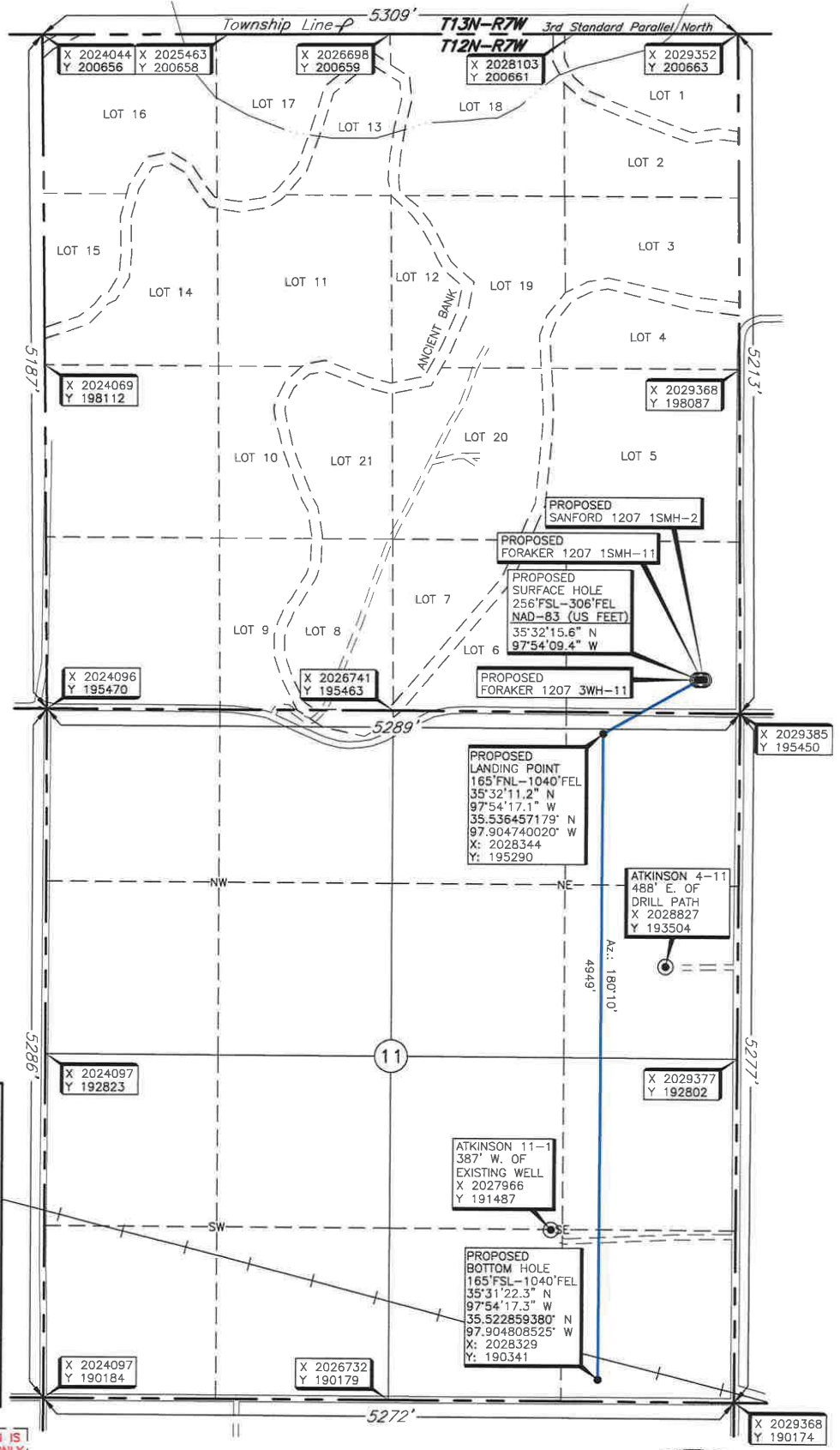
Category	Description
LOCATION EXCEPTION - 693143	5/2/2019 - G58 - (I.O.) 11-12N-7W X684094 MSSP X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED 3/19/2019
MEMO	10/30/2018 - GA8 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 694225	5/2/2019 - G58 - (640)(HOR) 11-12N-7W EST MSSP, OTHERS POE TO BHL NCT 660' FB (COEXIST SP. ORDER 134617 MSSP)

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.

County, Oklahoma  
 256'FSL-306'FEL Section 2 Township 12N Range 7W I.M.



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



Operator: CHAPARRAL ENERGY, LLC.  
 Lease Name: FORAKER 1207  
 Topography & Vegetation Location fell on existing pod  
 Well No.: ZUMH-11  
 Reference Stakes or Alternate Location  
 Stakes Set None  
 Good Drill Site? Yes  
 Best Accessibility to Location From South off county road  
 Distance & Direction From Hwy Jet or Town From the junction of Sheppard Ave. & St. Hwy 66 in El Reno, Oklahoma, go ±2 miles North on Sheppard Ave, then ±2 miles East to the Southeast Corner of Section 2, T12N-R7W.

**ELEVATION:**  
 1306' Gr. on Existing Pod (NAVD 88)  
 1305' Gr. on Existing Pod (NGVD 29)

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27  
 LAT: 35°32'15.4" N  
 LONG: 97°54'08.2" W  
 LAT: 35.537601045° N  
 LONG: 97.902275495° W  
 STATE PLANE  
 COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2029077  
 Y: 195708

Date of Drawing: Nov. 14, 2018  
 Invoice # 3054251 Date Staked: Oct. 30, 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

