

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

API NUMBER: 017 25162 B

Approval Date: 01/17/2018  
Expiration Date: 07/17/2018

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 12N Rge: 7W

County: CANADIAN

SPOT LOCATION:  NW  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 235 210

Lease Name: BANFF 1207

Well No: 1UMH-29

Well will be 210 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

HARLAND & KAREN SCHWEITZER TRUST  
15605 220TH STREET NW  
CALUMET OK 73014

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9530	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 165931

Location Exception Orders: 675638

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15450

Ground Elevation: 1383

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 380

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: DOG CREEK

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-33773

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 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: DOG CREEK

HORIZONTAL HOLE 1

Sec 29 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 430

Depth of Deviation: 9499

Radius of Turn: 650

Direction: 10

Total Length: 4930

Measured Total Depth: 15450

True Vertical Depth: 10175

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

Notes:

Category

Description

DEEP SURFACE CASING

1/31/2018 - G71 - 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

1/16/2018 - 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](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)

LOCATION EXCEPTION - 675638

4/5/2018 - G58 - (I.O.) 29-12N-7W  
X165931 MSSP, OTHERS  
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL  
CHAPARRAL ENERGY, L.L.C.  
4/2/2018

MEMO

1/16/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category

Description

SPACING - 165931

4/5/2018 - G58 - (640) 29-12N-7W  
EXT 147489 MSSP

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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**

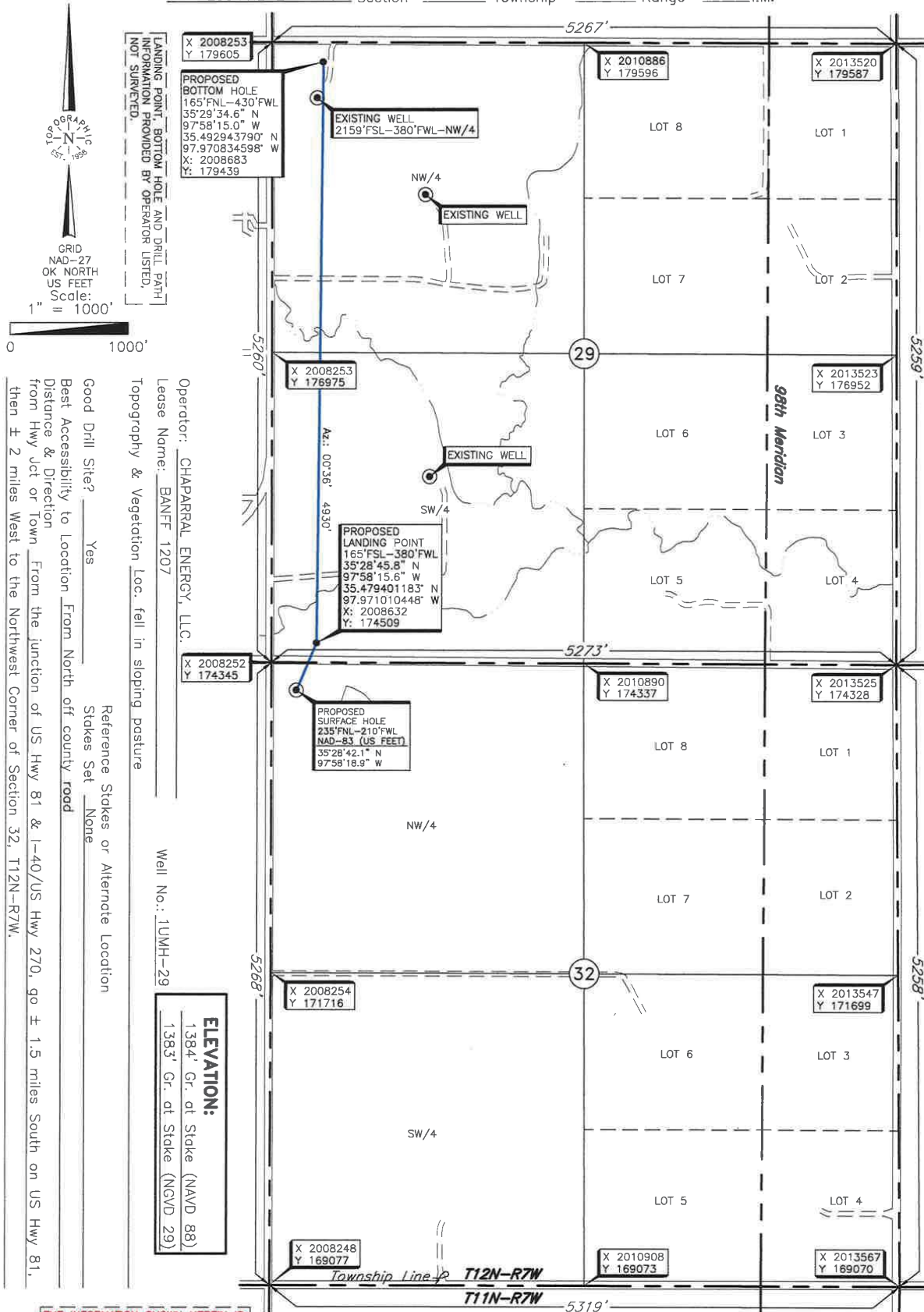
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS

CANADIAN

County, Oklahoma

017-25162b

235' FNL-210' FWL Section 32 Township 12N Range 7W I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27  
 LAT: 35°28'41.9" N  
 LONG: 97°58'17.7" W  
 LAT: 35.478303965° N  
 LONG: 97.971581376° W  
 STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2008462  
 Y: 174110

Revision  B Date of Drawing: March 13, 2018  
 Invoice # 286386 Date Staked: Jan. 4, 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

