

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

API NUMBER: 017 25490

Approval Date: 06/26/2019

Expiration Date: 12/26/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 390 2105

Lease Name: CUTBOW 1307

Well No: 3SMH-26

Well will be 390 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

MICHAEL & MARY M. WRIGHT, H/W  
1833 ROAD F  
TRIBUNE KS 67879

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

	Name	Depth	Name	Depth
1	MISSISSIPPI	9020	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 130956

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903222  
201903220

Special Orders:

Total Depth: 14200

Ground Elevation: 1324

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 280

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: CHICKASHA

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

PERMIT NO: 19-36746

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: CHICKASHA

## HORIZONTAL HOLE 1

Sec 26 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1740

Depth of Deviation: 8635

Radius of Turn: 382

Direction: 5

Total Length: 4965

Measured Total Depth: 14200

True Vertical Depth: 9365

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

6/20/2019 - 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

6/20/2019 - 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)

#### MEMO

6/20/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201903220

6/25/2019 - G56 - 26-13N-7W  
X130956 MISS  
4 WELLS  
NO OP NAMED  
HEARING 7/8/2019

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.

017 25490 CUTBOW 1307 3SMH-26

Category	Description
PENDING CD - 201903222	6/25/2019 - G56 - (E.O.) 26-13N-7W X165:10-3-28(C)(2)(B) MISS MAY BE CLOSER THAN 600' TO MASON 2 WELL X130956 MISS COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL NO OP NAMED REC 6/21/2019 (M. PORTER)
SPACING - 130956	6/25/2019 - G56 - (640) 26-13N-7W EXT OTHER EST MISS, OTHERS

017-25490

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

CANADIAN

County, Oklahoma

390'FSL-2105'FEL

Section 26

Township 13N

Range 7W

I.M.

5267'

X 2028148  
Y 211250X 2022881  
Y 211239X 2025514  
Y 211244

**PROPOSED  
BOTTOM HOLE**  
165'FSL-1740'FEL  
NAD-27 (US Feet)  
35°34'47.4" N  
97°54'40.3" W  
35.579843628' N  
97.911200080' W  
X 2026408  
Y 211081

X 2022874  
Y 208595X 2028148  
Y 208602

NW/4-SW/4

NE/4-SW/4

LOT 1

SE/4-SW/4 GREENBACK 1307  
6MH-35GREENBACK 1307  
5SMH-35GREENBACK 1307  
4UMH-35X 2025508  
Y 205951CUTBOW 1307  
2UMH-26CUTBOW 1307  
3SMH-26

**PROPOSED  
LANDING POINT**  
165'FSL-1740'FEL  
NAD-27 (US Feet)  
35°33'58.3" N  
97°54'40.4" W  
35.566204702' N  
97.911215579' W  
X 2026408  
Y 206117

X 2022867  
Y 205951MEANDER COR.  
X 2022968  
Y 205951

5280'

X 2028148  
Y 205952LANDING 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: CUTBOW 1307

Well No.: 3SMH-26

**ELEVATION:**

1324' Gr. at Stake

Topography &amp; Vegetation Location fell in grass pasture.

Good Drill Site? Yes Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From South off county road.

Distance &amp; Direction

from Hwy Jct or Town From El Reno, Oklahoma, go North ±2 miles, then go East ±3 miles to the Southeast  
Corner of Section 26, T13N-R7W.

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

DATUM: NAD-27  
LAT: 35°34'00.6" N  
LONG: 97°54'44.8" W  
LAT: 35.566823487° N  
LONG: 97.912441544° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2026043  
Y: 206342

Revision ☒ ADate of Drawing: June 18, 2019

NB

Project # 127291F Date Staked: June 11, 2019

AL

**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 Lic. No. 1433