

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

API NUMBER: 017 25489

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 2130

Lease Name: CUTBOW 1307

Well No: 2UMH-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
1833 ROAD F
TRIBUNE KS 67879

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

	Name	Depth	Name	Depth
1	MISSISSIPPI	9030	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 130956

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903221
201903220

Special Orders:

Total Depth: 14000

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 NW NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2420

Depth of Deviation: 8437

Radius of Turn: 382

Direction: 356

Total Length: 4963

Measured Total Depth: 14000

True Vertical Depth: 9160

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; 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

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 25489 CUTBOW 1307 2UMH-26

Category	Description
PENDING CD - 201903221	6/25/2019 - G56 - (E.O.) 26-13N-7W 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

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-2130'FEL Section 26 Township 13N Range 7W I.M.

X 2028148
Y 211250

5267'

X 2022881
Y 211239

X 2025514
Y 211244

PROPOSED
BOTTOM HOLE
165'FNL-2420'FEL
NAD-27 (US Feet)
35°34'47.4" N
97°54'48.6" W
35.579841254' N
97.913486724' W
X 2025728
Y 211080

NW

NE

Az: 00°00' 4963'

26

X 2022874
Y 208595

X 2028148
Y 208602

NW/4-SW/4

NE/4-SW/4

LOT 1

PROPOSED
LANDING POINT
165'FSL-2420'FEL
NAD-27 (US Feet)
35°33'58.3" N
97°54'48.6" W
35.566205790' N
97.913501819' W
X 2025728
Y 206117

GREENBACK 1307
4UMH-35

GREENBACK 1307
5SMH-35

GREENBACK 1307
6MH-35

CUTBOW 1307
2UMH-26

CUTBOW 1307
3SMH-26

X 2022867
Y 205951

X 2025508
Y 205951

SE/4-SW/4

MEANDER COR.
X 2022968
Y 205951

5280'

X 2028148
Y 205952

LANDING 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.: 2UMH-26

ELEVATION:

1324' Gr. at Stake

Topography & 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 & 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°54'45.1" W
LAT: 35.566823549° N
LONG: 97.912525773° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2026018
Y: 206342

Revision ☒ A

Date of Drawing: June 18, 2019

NB

Project # 127291G Date Staked: June 11, 2019

AL

CERTIFICATE:

I, Thomas L. Howell on 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

