

API NUMBER: 017 25602

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

Approval Date: 02/19/2020

Expiration Date: 08/19/2021

Multi Unit Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 12N Range: 7W County: CANADIAN

SPOT LOCATION: SW SW SW NE  
FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 2466 2388

Lease Name: HUBBARD 1207 Well No: 2SMHX-28 Well will be 2388 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC Telephone: 4054788770; 4054264481; OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC  
701 CEDAR LAKE BLVD  
OKLAHOMA CITY, OK 73114-7800

STEVEN JENSEN  
707 SOUTH HOFF  
EL RENO OK 73036

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

| Name            | Code    | Depth |
|-----------------|---------|-------|
| 1 MISSISSIPPIAN | 359MSSP | 9630  |

Spacing Orders: 681784 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders  
690431  
708766

Pending CD Numbers: 202000137 Special Orders: No Special Orders  
202000138  
202000140  
202000139

Total Depth: 17150 Ground Elevation: 1367 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 380

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37265  
H. SEE MEMO

### 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: CHICKASHA

### 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

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is 18 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.

| MULTI UNIT HOLE 1              |                        |           |                                    |                           |
|--------------------------------|------------------------|-----------|------------------------------------|---------------------------|
| Section: 21                    | Township: 12N          | Range: 7W | Total Length: 7758                 |                           |
| County: CANADIAN               |                        |           | Measured Total Depth: 17150        |                           |
| Spot Location of End Point: NW | NE                     | NW        | NE                                 | True Vertical Depth: 9925 |
| Feet From: <b>NORTH</b>        | 1/4 Section Line: 150  |           | End Point Location from            |                           |
| Feet From: <b>EAST</b>         | 1/4 Section Line: 1830 |           | Lease, Unit, or Property Line: 150 |                           |

| NOTES:                 |   |
|------------------------|---|
| Category               | Description   |
| DEEP SURFACE CASING    | 2/12/2020 - 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   | 2/12/2020 - G71 - OCC 165:10-3-10 REQUIRES:<br><br>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;<br><br>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; AND,<br><br>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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a> |
| MEMO                   | 2/12/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT  |
| PENDING CD - 202000137 | 2/13/2020 - G56 - (E.O.) 21 & 28-12N-7W<br>EST MULTIUNIT HORIZONTAL WELL<br>X690431 MSSP 21-12N-7W<br>X681784 MSSP 28-12N-7W<br>33% 28-12N-7W<br>67% 21-12N-7W<br>CHAPARRAL ENERGY LLC<br>REC 2/7/2020 (NORRIS)   |
| PENDING CD - 202000138 | 2/13/2020 - G56 - (E.O.) 21 & 28-12N-7W<br>X690431 MSSP 21-12N-7W<br>X681784 MSSP 28-12N-7W<br>COMPL. INT. (28-12N-7W) NCT 0' FNL, NCT 2640' FNL, NCT 330' FEL ***<br>COMPL. INT. (21-12N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL<br>CHAPARRAL ENERGY, LLC<br>REC 2/7/2020 (NORRIS)<br><br>*** S/B COMPL. INT. (28-12N-7W) NCT 0' FNL, NCT 2640' FSL, NCT 330' FWL; WILL BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR   |
| PENDING CD - 202000139 | 2/19/2020 - G56 - 21-12N-7W<br>X690431 MSSP<br>2 WELLS<br>NO OP NAMED<br>HEARING 2/24/2020  |
| PENDING CD - 202000140 | 2/19/2020 - G56 - 28-12N-7W<br>X681784 MSSP<br>2 WELLS<br>NO OP NAMED<br>HEARING 2/24/2020  |
| SPACING - 681784       | 2/13/2020 - G56 - (640)(HOR) 28-12N-7W<br>EXT 661894 MSSP, OTHER<br>POE TO BHL NCT 660' FB  |
| SPACING - 690431       | 2/13/2020 - G56 - (640)(HOR) 21-12N-7W<br>EXT 661894 MSSP, OTHER<br>POE TO BHL NCT 660' FB<br>(COEXIST WITH SP. ORDER #147489 MSSP)   |
| SPACING - 708766       | 2/18/2020 - G56 - NPT CORRECTING SP # 681784 MSSP TO COEXIST WITH SP # 165642 MSSP IN 28-12N-7W   |

This permit does not address the right of entry or settlement of surface damages.

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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 25602 HUBBARD 1207 2SMHX-28

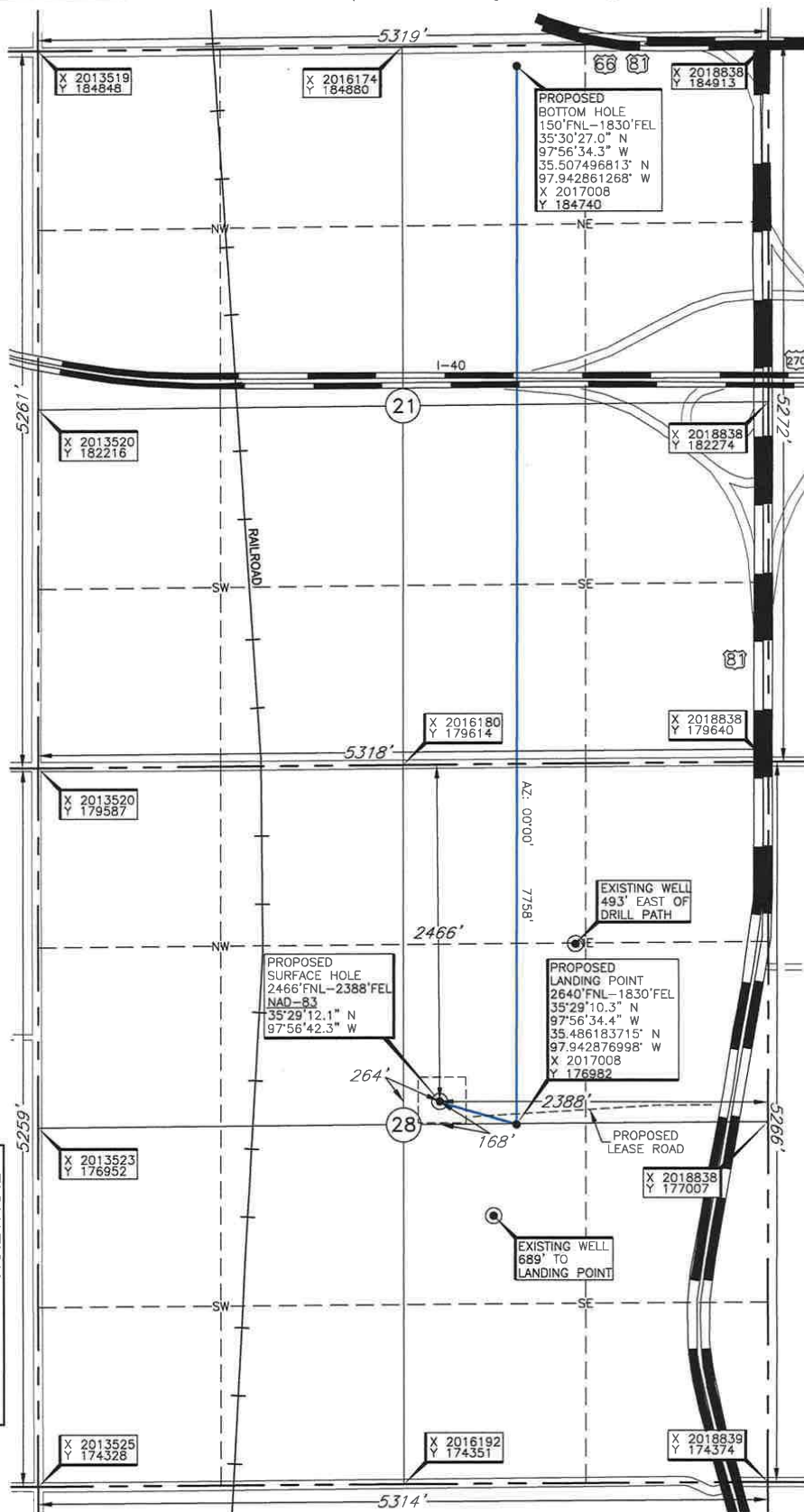
# TOPOGRAPHIC LAND SURVEYORS

13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1292 LS

CANADIAN

County, Oklahoma

2466'FNL - 2388'FEL Section 28 Township 12N Range 7W I.M.



Operator: CHAPARRAL ENERGY, L.L.C.  
Lease Name: HUBBARD 1207  
Topography & Vegetation: Loc. fell in sloped pasture  
Good Drill Site? Yes  
Reference Stakes or Alternate Location  
Stakes Set None  
Best Accessibility to Location From East off US Hwy. 81  
Distance & Direction From jct. US Hwy. 81 N-S and I-40, go  $\pm 0.5$  mi. South to the NE  
Cor. of Sec. 28-112N-R7W

Well No.: 2SMHX-28  
ELEVATION:  
1368' Gr. at Stake (NAVD83)  
1367' Gr. at Stake (NGVD29)

## NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27  
LAT:  $35^{\circ}29'11.9''$ N  
LONG:  $97^{\circ}56'41.1''$ W  
LAT:  $35.486646654^{\circ}$  N  
LONG:  $97.944749513^{\circ}$  W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2016450  
Y: 177150

Date of Drawing: Feb. 07, 2020  
Project # 132988 Date Staked: Jan. 31, 2019 AC

## CERTIFICATE:

I, Dan W. Rogers an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.

*Dan W. Rogers*  
Oklahoma Lic. No. 1200

