

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

API NUMBER: 047 25170

Approval Date: 09/21/2018

Expiration Date: 03/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 22N Rge: 5W

County: GARFIELD

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 233 230

Lease Name: ORANGE 2205

Well No: 10H-14

Well will be 233 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

PAUL B. & VICKIE R. SEMRAD  
8400 S. 138TH STREET  
DOUGLAS OK 73733

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5860	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806566  
201807241

Special Orders:

Total Depth: 11500

Ground Elevation: 1158

**Surface Casing: 650**

Depth to base of Treatable Water-Bearing FM: 400

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: 8000 Average: 5000

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: FAIRMONT

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35402  
H. CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST

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.

# HORIZONTAL HOLE 1

Sec 14 Twp 22N Rge 5W County GARFIELD

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 5653

Radius of Turn: 573

Direction: 359

Total Length: 4947

Measured Total Depth: 11500

True Vertical Depth: 6070

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

9/14/2018 - G57 - 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)

PENDING CD - 201806566

9/14/2018 - G57 - (640)(HOR) 14-22N-5W  
EXT 678979 MSSP  
POE TO BHL NCT 660' FB  
(COEXIST W/ SP. ORDER 183534 MSSLM)  
REC 9-4-2018 (FOREMAN)

PENDING CD - 201807241

9/14/2018 - G57 - (I.O.) 14-22N-5W  
X201806566 MSSP  
X165:10-3-28(C)(2)(B) MSSP (ORANGE 2205 1H-14) MAY BE CLOSER THAN 600' TO AN AN EXISTING WELLBORE  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL  
CHAPARRAL ENERGY, LLC.  
REC 9-21-2018 (MILLER)

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

047 25170 ORANGE 2205 1OH-14

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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.

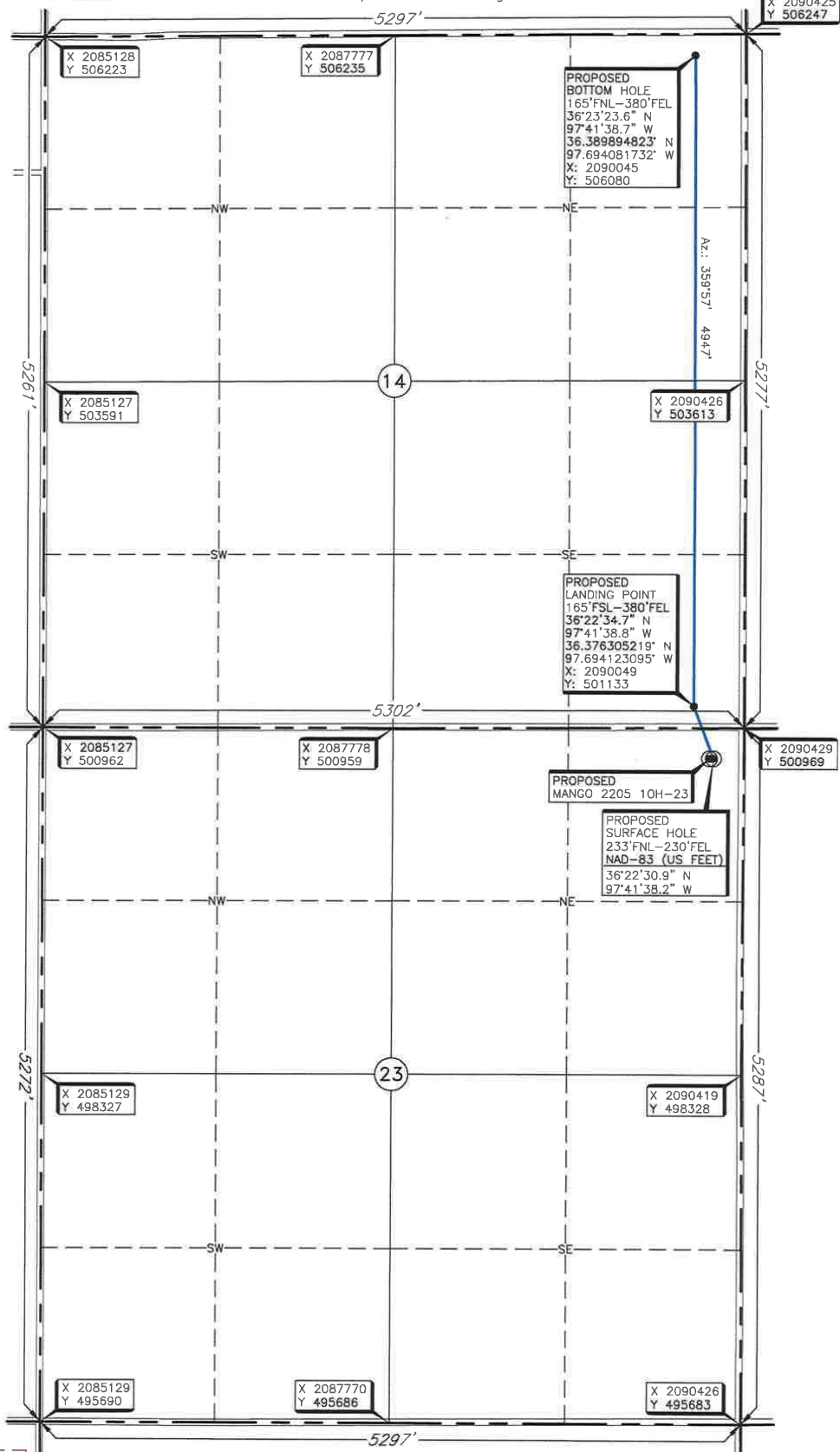
GARFIELD

County, Oklahoma

233'FNL-230'FEL Section 23 Township 22N Range 5W I.M.



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



Operator: CHAPARRAL ENERGY, LLC.  
Lease Name: ORANGE 2205  
Topography & Vegetation Location fell in plowed field, ±185' W. of water line & ±282' SE of pipeline  
Well No.: 10H-14  
ELEVATION:  
1158' Gr. at Stake (NAVD 88)  
1158' Gr. at Stake (NGVD 29)

Good Drill Site? Yes  
Best Accessibility to Location From North off county road  
Distance & Direction From Hwy Jet or Town From the junction of US Hwy 412/US Hwy 64 & St. Hwy 74/St. Hwy 15, go ±6 miles West on US Hwy 412/US Hwy 64, then ±1.5 miles South to the Northeast Corner of Section 23, T22N-R5W.

Reference Stakes or Alternate Location  
Stakes Set None

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27  
LAT: 36°22'30.8" N  
LONG: 97°41'37.0" W  
LAT: 36.375212114° N  
LONG: 97.693619934° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2090198  
Y: 500736

Revision ☒ A Date of Drawing: Sept. 14, 2018  
Invoice # 302186A Date Staked: Sept. 7, 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

