

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

API NUMBER: 047 25144

Approval Date: 05/03/2018

Expiration Date: 11/03/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 20N Rge: 7W

County: GARFIELD

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 330 540

Lease Name: AUGUSTA 2007

Well No: 1LMH-4

Well will be 330 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

JANELLE M. & DONALD J. FUKSA
TRUSTEES OF ROSAILLA M. FUKSA TRUST
201 WESTVIEW STREET
WAUKOMIS OK 73773

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7005	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 630540

Location Exception Orders: 664298

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12050

Ground Elevation: 1219

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 350

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: BISON

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

PERMIT NO: 18-34441

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 04 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1200

Depth of Deviation: 6478

Radius of Turn: 573

Direction: 353

Total Length: 4671

Measured Total Depth: 12050

True Vertical Depth: 7250

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/3/2018 - 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; 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

LOCATION EXCEPTION - 664298

5/3/2018 - G57 - (I.O.) 4-20N-7W
X630540 MSSP

X165:10-3-28(C)(2)(B) MSSP (AUGUSTA 2007 1LMH-4) MAY BE CLOSER THAN 600' TO AN EXISTING/PROPOSED WELL
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 560' FEL
CHAPARRAL ENERGY, LLC.
6-2-2017

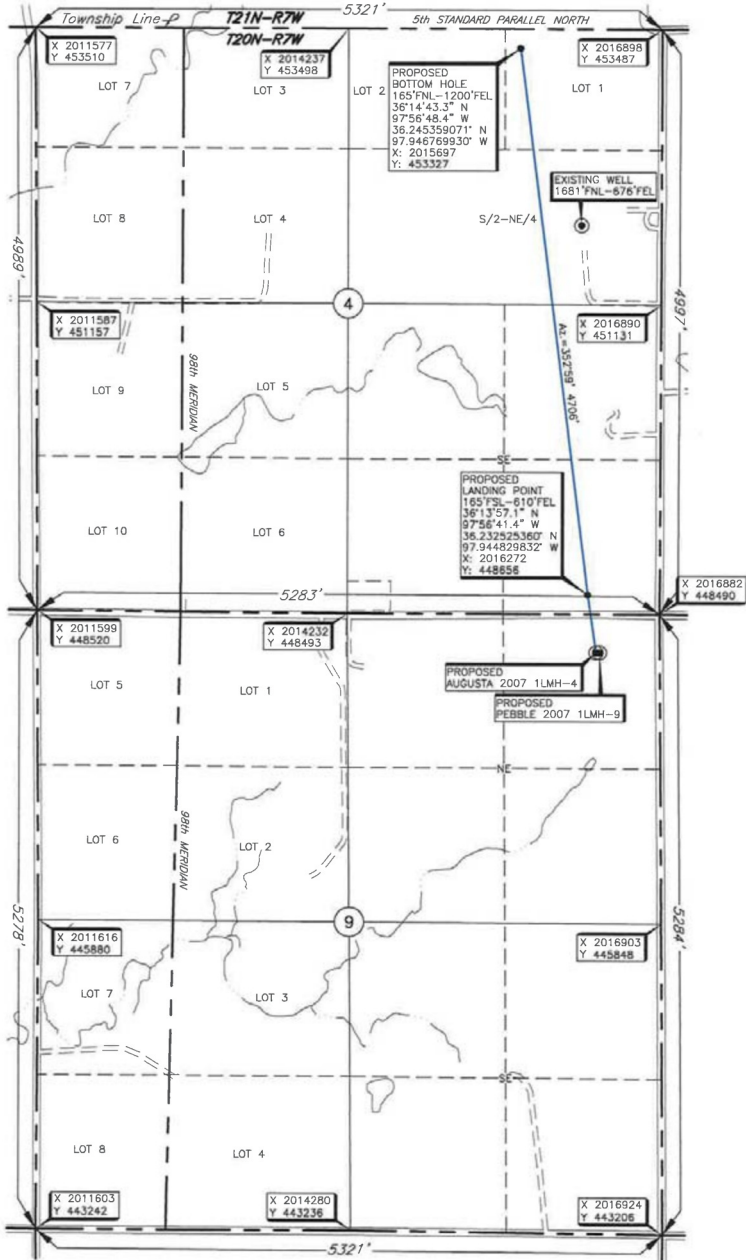
SPACING - 630540

5/3/2018 - G57 - (640)(HOR) 4-20N-7W
EXT 626446 MSSP, OTHERS
POE TO BHL NCT 660' FB
(COEXIST W/ SP. ORDER #59565 MSSLM)

GARFIELD County, Oklahoma
 330'FNL-540'FEL Section 9 Township 20N Range 7W I.M.



LANDING POINT, BOTTOM HOLE AND BRILL PATH NOT SURVEYED



Operator: CHAPARRAL ENERGY, LLC.
 Lease Name: AUGUSTA 2007
 Topography & Vegetation Loc. fell on existing pod
 Well No.: 1LMH-4
ELEVATION:
 1219' Gr. on Existing Pod

Good Drill Site? Yes
 Best Accessibility to Location From North off county road
 Distance & Direction From US Hwy 81, East of Bison, Oklahoma, 90 ± 2.5 miles North on US Hwy 81, then ± 3 miles West to the Northeast Corner of Section 9, T20N-R7W.

Reference Stakes or Alternate Location
 Stakes Set Name

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
 LAT: 36°13'52.2" N
 LONG: 97°56'40.5" W
 LAT: 36.231165226° N
 LONG: 97.9444586450° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2016344
 Y: 448161

Invoice # 291655A Date of Drawing: Apr. 6, 2018
 Date Staked: Apr. 4, 2018 NB

CERTIFICATE:

I, Thomas L. Howell a 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

