

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

API NUMBER: 017 25284 A

Approval Date: 10/15/2018

Expiration Date: 04/15/2020

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 12N Rge: 6W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 495 270

Lease Name: ALVERSTONE 1206

Well No: 1LMH-17

Well will be 270 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

CANADIAN CO. PUBLIC FACILITIES AUTH
201 NORTH CHOCTAW
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8864	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807807
201807808

Special Orders:

Total Depth: 13900

Ground Elevation: 1303

Surface Casing: 560

Depth to base of Treatable Water-Bearing FM: 310

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: duncan

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35573

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: duncan

HORIZONTAL HOLE 1

Sec 17 Twp 12N Rge 6W County CANADIAN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 8021

Radius of Turn: 600

Direction: 113

Total Length: 4936

Measured Total Depth: 13900

True Vertical Depth: 9115

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

Notes:

Category

Description

PENDING CD - 201807807

11/26/2018 - G56 - (640) (HOR) 17-12N-6W
EXT. 667934 MSSP, OTHERS
POE TO BHL NCT 660' FB
(COEXIST WITH SP. # 130956)
REC. 10/2/2018 (M. PORTER)

PENDING CD - 201807808

11/26/2018 - G56 - (E.O.) 17-12N-6W
X201807807 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL
NO OP. NAMED
REC. 10/2/2018 (M. PORTER)

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 25284 ALVERSTONE 1206 1LMH-17