

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

API NUMBER: 017 25096 A

Approval Date: 10/31/2017
Expiration Date: 04/30/2018

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL, UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 11N Rge: 7W

County: CANADIAN

SPOT LOCATION: NE NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 285 1270

Lease Name: LASSEN 1107

Well No: #1UMH-15

Well will be 285 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

SIEGRIST FARMS, LLC, C/O DAVID SIEGRIST
1107 S. HOFF
EL RENO OK 73036

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	10280	6
2			7
3			8
4			9
5			10

Spacing Orders: 669909

Location Exception Orders: 673706

Increased Density Orders:

Pending CD Numbers: 201705902

Special Orders:

Total Depth: 15600

Ground Elevation: 1408

Surface Casing: 620

Depth to base of Treatable Water-Bearing FM: 370

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: DOG CREEK

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-33283

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: DOG CREEK

HORIZONTAL HOLE 1

Sec 15 Twp 11N Rge 7W County CANADIAN

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 800

Depth of Deviation: 9760

Radius of Turn: 553

Direction: 184

Total Length: 4971

Measured Total Depth: 15600

True Vertical Depth: 10360

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

Notes:

Category

Description

EXCEPTION TO RULE - 673706

10/31/2017 - G60 - (I.O.) 15-11N-7W
X165:10-3-28(C)(2)(B) MSSP
MAY BE CLOSER THAN 600' TP THE PETTIGREW A#1
CHAPARRAL ENERGY, LLC.
2/15/18

HYDRAULIC FRACTURING

10/13/2017 - 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

10/13/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201705902

10/31/2017 - G60 - (I.O.) 15-11N-7W
X201601764 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
REC. 9/25/17 (M. PORTER)

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.

Category

Description

SPACING - 669909

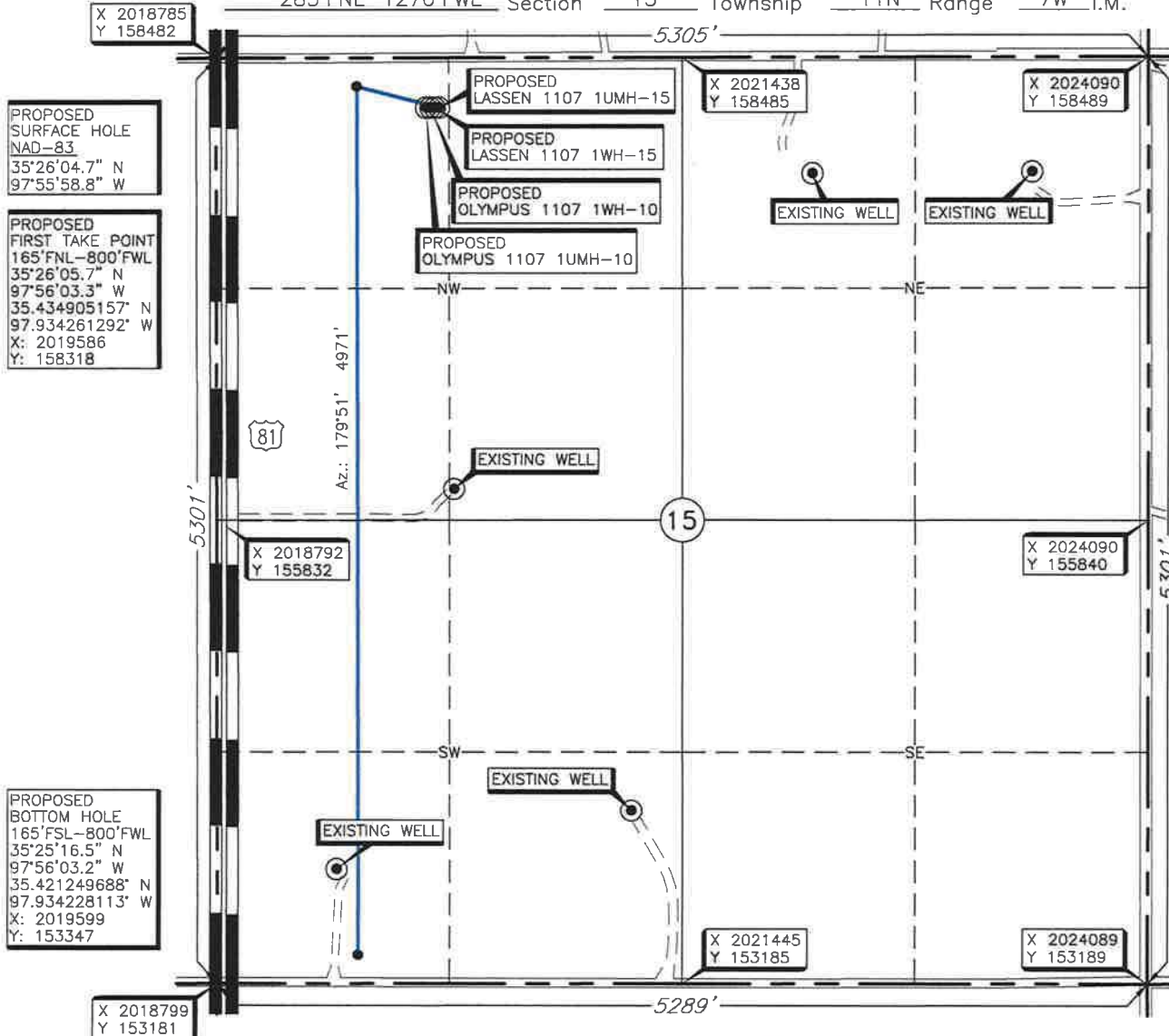
10/31/2017 - G60 - (640)(HOR) 15-11N-7W
EXT 647473 MSSP, OTHER
COMPL. INT. NCT 660'FB
(COEXST WITH SP. ORDER 492733 MSSLM)

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.

CANADIAN County, Oklahoma

285'FNL-1270'FWL Section 15 Township 11N Range 7W I.M.

3501725096



FIRST TAKE 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: LASSEN 1107

Well No.: 1UMH-15

ELEVATION:
 1408' Gr. on Existing Pad (NGVD 88)
 1407' Gr. on Existing Pad (NGVD 29)

Topography & Vegetation Conductor Pipe on existing pad
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From North off county road
 Distance & Direction From the junction of US Hwy 81 & St. Hwy 152 in Union City, Oklahoma, go ± 3 miles North on US Hwy 81 to the Northwest Corner of Section 15, T11N-R7W.

DATUM: NAD-27
 LAT: 35°26'04.5" N
 LONG: 97°55'57.7" W
 LAT: 35.434575835° N
 LONG: 97.932682744° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2020056
 Y: 158198

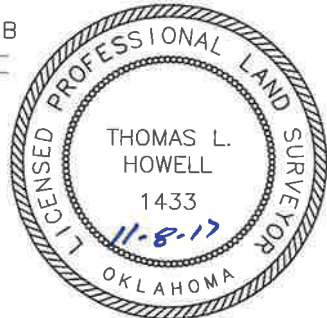
Date of Drawing: Nov. 8, 2017
 Invoice # 283729 Date Staked: Nov. 6, 2017 NMB

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 Reg. No. 1433



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy