

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

API NUMBER: 047 25155

Approval Date: 06/26/2018

Expiration Date: 12/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 20N Rge: 7W

County: GARFIELD

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 265 1215

Lease Name: SPYGLASS 2007

Well No: 1LMH-12

Well will be 265 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

BESSIE HILTPOLD
3902 SKYRIDGE AVE
SAN ANTONIO TX 78210

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804463
201804465
201804466

Special Orders:

Total Depth: 12000

Ground Elevation: 1238

Surface Casing: 690

Depth to base of Treatable Water-Bearing FM: 440

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: 18-34503

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 12 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 5501

Radius of Turn: 1000

Direction: 170

Total Length: 4928

Measured Total Depth: 12000

True Vertical Depth: 6860

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

Notes:

Category

Description

HYDRAULIC FRACTURING

6/13/2018 - 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

PENDING CD - 201804463

6/13/2018 - G57 - (640)(HOR) 12-20N-7W
EXT 672244 MSSP
POE TO BHL NCT 660' FB
(COEXIST W/ SP. ORDER #62770 MSSLM, #198508 MNNG)
REC 6-25-2018 (JACKSON)

PENDING CD - 201804465

6/13/2018 - G57 - (I.O.) 12-20N-7W
X201804463 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL
CHAPARRAL ENERGY, LLC.
REC 6-25-2018 (JACKSON)

PENDING CD - 201804466

6/13/2018 - G57 - (I.O.) 12-20N-7W
X201804463 MSSP
X165:10-3-28(C)(2)(B) MSSP (SPYGLASS 2007 1LMH-12) MAY BE CLOSER THAN 600' FROM THE
FF PRIBIL D 1 & STUTZ 1
CHAPARRAL ENERGY, LLC.
REC 6-25-2018 (JACKSON)

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

047 25155 SPYGLASS 2007 1LMH-12

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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

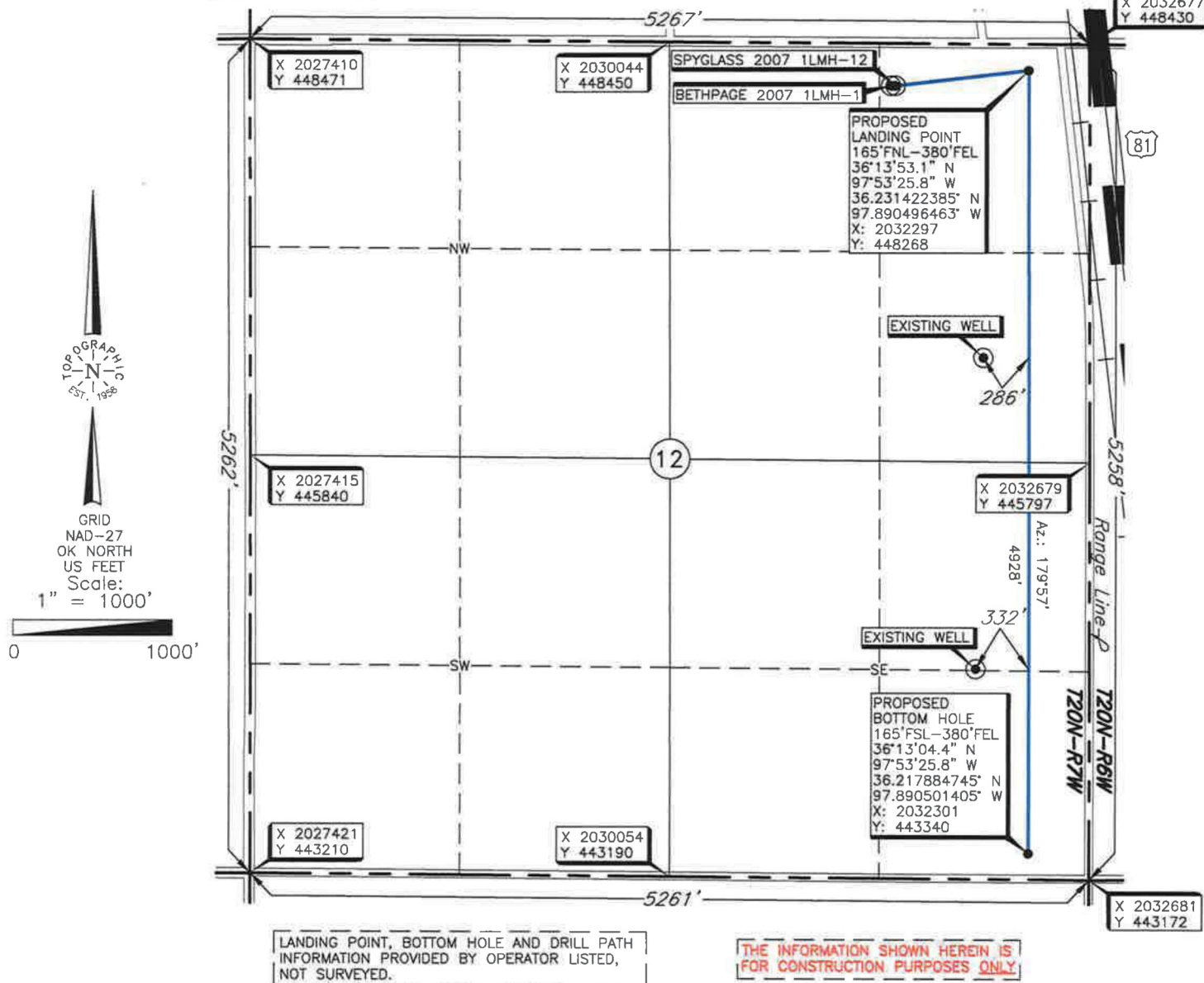
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API: 047 25155

GARFIELD

County, Oklahoma

265'FNL-1215'FEL Section 12 Township 20N Range 7W I.M.



Operator: CHAPARRAL ENERGY, LLC.

Lease Name: SPYGLASS 2007

Well No.: 1LMH-12

ELEVATION:

1238' Gr. at Stake

Topography & Vegetation Location fell in terraced wheat field

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 & Woods Road in Waukomis, Oklahoma, go ± 3 miles South on US Hwy 81 to the Northeast Corner of Section 12, T20N-R7W.

DATUM: NAD-27
LAT: 36°13'52.2" N
LONG: 97°53'36.0" W
LAT: 36.231168006° N
LONG: 97.893327388° W

STATE PLANE
COORDINATES (US FEET):
ZONE: OK NORTH
X: 2031462
Y: 448174

Date of Drawing: May 7, 2018

Invoice # 292271

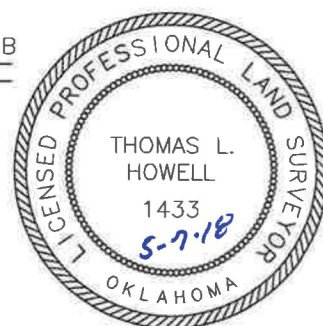
Date Staked: May 2, 2018

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.

Oklahoma Reg. No. 1433



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