

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

API NUMBER: 047 25166 A

Approval Date: 09/05/2018
Expiration Date: 03/05/2019

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NUMBER & BOTTOM-HOLE LOCATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 22N Rge: 5W

County: GARFIELD

SPOT LOCATION: SE SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 233 1030

Lease Name: REMINGTON 2205

Well No: 1MOH-32

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

DEAN HEDGES & LYNETTE HEDGES
2820 PIONEER TRAIL
ENID OK 73701

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6030	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 684450

Location Exception Orders: 687269

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12000

Ground Elevation: 1146

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: 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: KINGMAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35235

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 32 Twp 22N Rge 5W County GARFIELD

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 750

Depth of Deviation: 5804

Radius of Turn: 800

Direction: 185

Total Length: 4939

Measured Total Depth: 12000

True Vertical Depth: 6430

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

Notes:

Category

Description

BOTTOM-HOLE LOCATION

12/10/2018 - G75 - 165' FSL, 750' FWL SW4 32-22N-5W PER REVISED STAKING PLAT

HYDRAULIC FRACTURING

9/4/2018 - 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

LOCATION EXCEPTION - 687269

12/10/2018 - G75 - (I.O.) 32-22N-5W
X684450 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
CHAPARRAL ENERGY, L.L.C.
11-28-2018

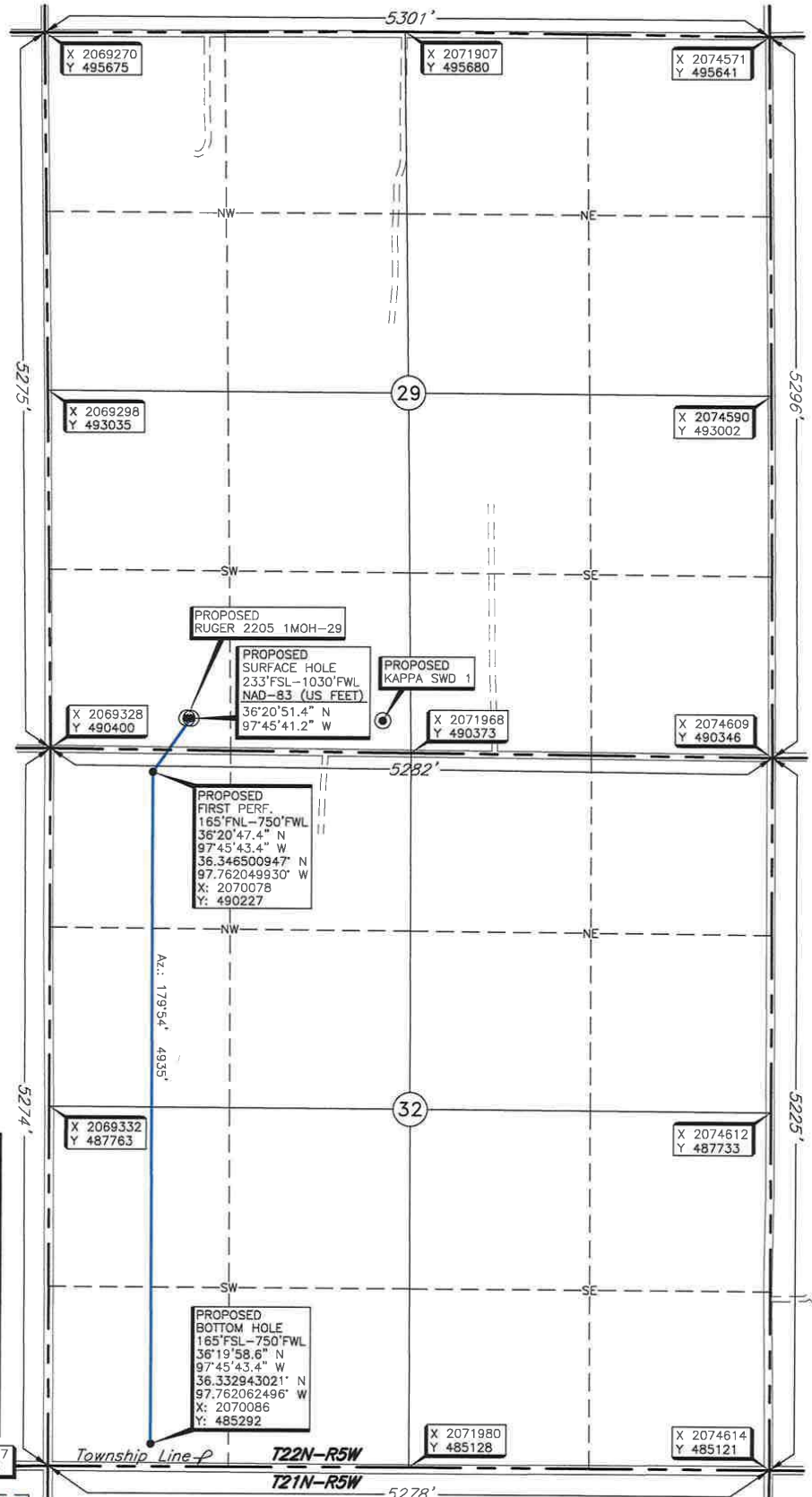
SPACING - 684450

12/10/2018 - G75 - (640)(HOR) 32-22N-5W
EXT 673126 MSSP
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 117052 MSSLM & ORDER # 229710 MNNG SE4)

GARFIELD County, Oklahoma
 233° FSL-1030° FWL Section 29 Township 22N Range 5W I.M.



FIRST PERF. BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Operator: CHAPARRAL ENERGY, LLC.
 Lease Name: REMINGTON 2205
 Topography & Vegetation Loc.: fell in wheat field
 Good Drill Site? Yes
 Reference Stakes or Alternate Location
 Stakes Set None
 Well No.: 1MOH-32
 ELEVATION:
 1146' Gr. at Stake (NAVD 88)
 1146' Gr. at Stake (NGVD 29)
 Best Accessibility to Location: From South off County Road
 Distance & Direction: From the junction of US Hwy 412/US Hwy 64 & St. Hwy 74, go ± 10 miles West on US Hwy 412/US Hwy 64, then ± 3 miles South to the Southwest Corner of Section 29, T22N-R5W.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
 LAT: 36°20'51.3" N
 LONG: 97°45'40.0" W
 LAT: 36.347584559° N
 LONG: 97.761105195° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2070355
 Y: 490622

Revision A Date of Drawing: Nov. 28, 2018
 Invoice # 306086A Date Staked: Jan. 18, 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

