

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

API NUMBER: 047 24973 B

Approval Date: 04/26/2017  
Expiration Date: 10/26/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 21N Rge: 6W County: GARFIELD  
SPOT LOCATION:  NE  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 250 806

Lease Name: WHITE OAK 2206 Well No: 1UMH-36 Well will be 250 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

STANLEY D. & OLETTA DOTSON  
6206 S. 66TH ST.  
ENID OK 73701

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6122	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 633496 Location Exception Orders: 656942 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 11150 Ground Elevation: 1103 **Surface Casing: 550** Depth to base of Treatable Water-Bearing FM: 300

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? N

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: 16-31546
- 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 36 Twp 22N Rge 6W County GARFIELD

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 700

Depth of Deviation: 5600

Radius of Turn: 600

Direction: 360

Total Length: 4607

Measured Total Depth: 11150

True Vertical Depth: 6200

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

Notes:

Category

Description

HYDRAULIC FRACTURING

4/25/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

LOCATION EXCEPTION - 656942

4/26/2017 - G60 - (I.O.) 36-22N-6W  
X633496 MSSP  
SHL NCT 250' FNL, NCT 830' FEL 1-21N-6W \*\*  
POE TO BHL NCT 165' FSL, NCT 165' FNL, NCT 560' FEL  
CHAPARRAL ENERGY, LLC.  
10-14-16

\*\*WILL BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

SPACING - 633496

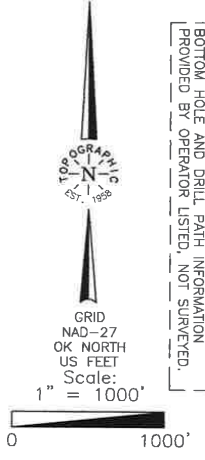
4/26/2017 - G60 - (640)(HOR) 36-22N-06W  
EST MSSP, OTHERS,  
POE TO BHL NCT 660' FB,  
(COEXIST WITH SP. ORDER 127388 MISS)

WELL NAME

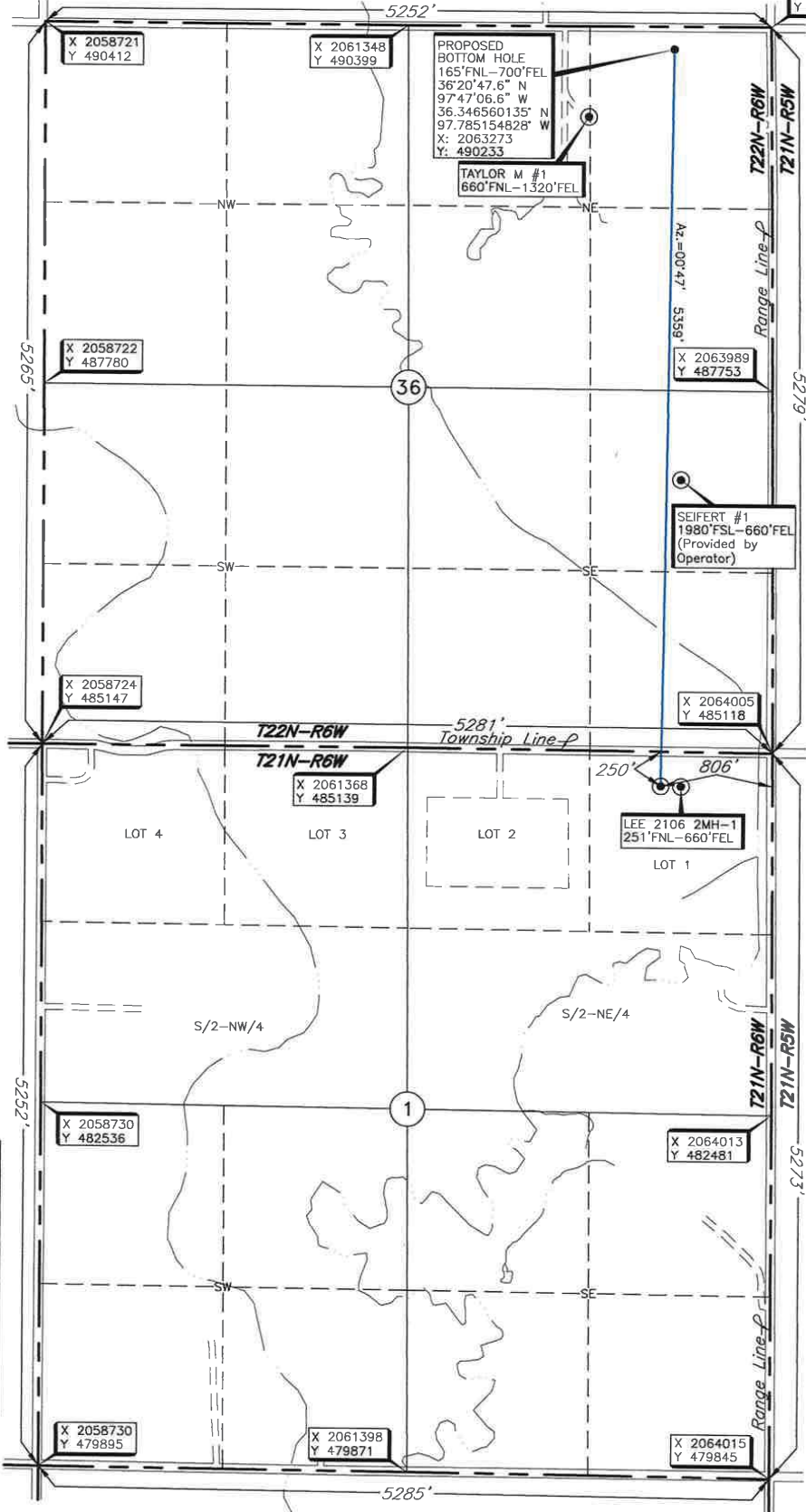
4/26/2017 - G60 - RE-PERMIT WITH WELL NAME CHANGE TO 1-UMH-36

3504724973

GARFIELD County, Oklahoma  
 250'FNL-806'FEL Section 1 Township 21N Range 6W I.M.



**THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.**  
 BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Operator: CHAPARRAL ENERGY, LLC.  
 Lease Name: WHITE OAK 2206  
 Well No.: 1UWH-36  
 ELEVATION: 1103 Gr. on existing pod.  
 Topography & Vegetation Loc. fall on existing pod, ± 145' W. of existing well, ± 94' E. of N-S fence, ± 75' N. of pit.  
 Good Drill Site? Yes  
 Best Accessibility to Location From South off county road  
 Distance & Direction From the junction of US Hwy 81 & US Hwy 412, go ± 4 miles South on US Hwy 81, then ± 6 miles East to the Northeast Corner of Section 1, T21N-R6W  
 Reference Stakes or Alternate Location Stakes Set  
 None

DATUM: NAD-27  
 LAT: 36°19'54.6" N  
 LONG: 97°47'07.6" W  
 LAT: 36.331840655° N  
 LONG: 97.785445346° W  
 STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2063200  
 Y: 484874

Date of Drawing: Apr. 21, 2017  
 Invoice # 275120 Date Staked: Aug. 16, 2016 NMB

**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

