

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

API NUMBER: 017 24966

Approval Date: 01/23/2017
Expiration Date: 07/23/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION: NW NW NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 285 233

Lease Name: CUT THROAT 1307

Well No: 1WH-13

Well will be 233 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

JACK E. HUNT & CAROL JEAN HUNT
5103 SOUTH FORT RENO ROAD
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8405	6	
2	WOODFORD	9093	7	
3			8	
4			9	
5			10	

Spacing Orders: 656140

Location Exception Orders: 656721

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13900

Ground Elevation: 1261

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 290

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: 17-32000

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 13 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 8343

Radius of Turn: 477

Direction: 178

Total Length: 4808

Measured Total Depth: 13900

True Vertical Depth: 9130

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/19/2017 - 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 - 656721

1/23/2017 - G75 - (I.O.) 13-13N-7W
X656140 MSSP, WDFD
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FWL
CHAPARRAL ENERGY, L.L.C.
10-7-2016

SPACING - 656140

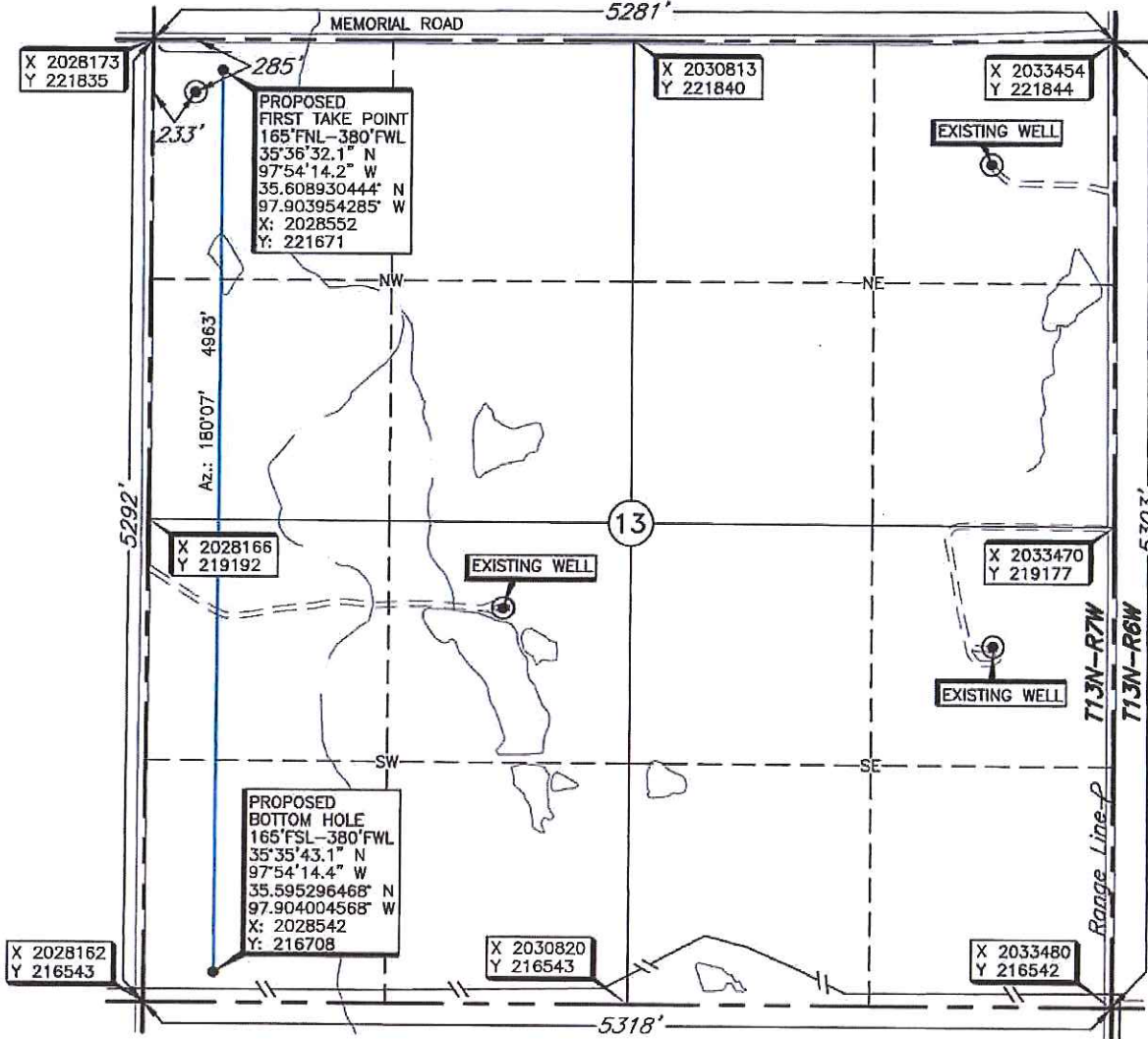
1/23/2017 - G75 - (640)(HOR) 13-13N-7W
EXT 646566 MSSP, WDFD
POE TO BHL (MSSP) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST SP. ORDER # 122201 MISS)

SURFACE LOCATION

1/23/2017 - G75 - 285' FNL, 233' FWL NW4 13-13N-7W PER STAKING PLAT

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS
 CANADIAN

285'FNL-233'FWL Section 13 Township 13N Range 7W I.M.



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: CUT THROAT 1307

Well No.: 1WH-13

ELEVATION:
1261' Gr. at Stake

Topography & Vegetation Loc. fell in pasture, ± 215' South of pipeline

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jet or Town From the junction of Memorial Road and US Hwy 81, South of Okarche, Oklahoma, go ± 3 miles East on Memorial Road to the Northwest Corner of Section 13, T13N-R7W.

DATUM: NAD-27
 LAT: 35°36'31.0" N
 LONG: 97°54'16.0" W
 LAT: 35.608600475° N
 LONG: 97.904450245° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2028405
 Y: 221551

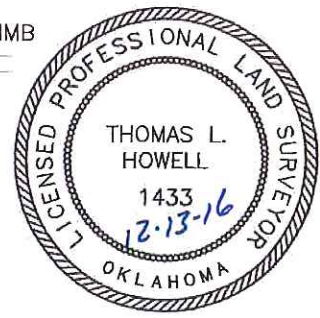
Revision A Date of Drawing: Dec. 12, 2016
 Invoice # 269075 Date Staked: Dec. 8, 2016

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