

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

API NUMBER: 073 25471

Approval Date: 12/20/2016
Expiration Date: 06/20/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 16N Rge: 6W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 215 1320

Lease Name: TOAD 1606

Well No: #1UMH-14

Well will be 215 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

MARIE TENBORG
909 N MAIZE ROAD #208
WICHITA KS 67212

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

Name	Depth	Name	Depth
1 MISS'AN (EX CHESTER)	7250	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 658720

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601730

Special Orders:

Total Depth: 12100

Ground Elevation: 1112

Surface Casing: 520

Depth to base of Treatable Water-Bearing FM: 270

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: SALT PLAINS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31945

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 14 Twp 16N Rge 6W County KINGFISHER

Spot Location of End Point: N2 N2 N2 NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6650

Radius of Turn: 334

Direction: 360

Total Length: 4926

Measured Total Depth: 12100

True Vertical Depth: 7400

End Point Location from Lease,
Unit, or Property Line: 150

Additional Surface Owner	Address	City, State, Zip
CECILLA M. VOSS	4507 N COUNTRY CLUB ROAD	ELRENO, OK 73036
RITA KOLAR	12436 CROYDON ROAD	MWC, OK 73130

Notes:

Category	Description
HYDRAULIC FRACTURING	12/19/2016 - 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/ 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.
PENDING CD - 201601730	12/20/2016 - G60 - (I.O.) 14-16N-6W X658720 MSNLC COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 550' FWL NO OP. NAMED REC. 6/21/16 (THOMAS)
SPACING - 658720	12/20/2016 - G60 - (640)(HOR) 14-16N-6W EST OTHERS EXT 648302 MSNLC COMPL. INT. NCT 660' FB (COEXIST WITH SP. ORDER 61541 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.

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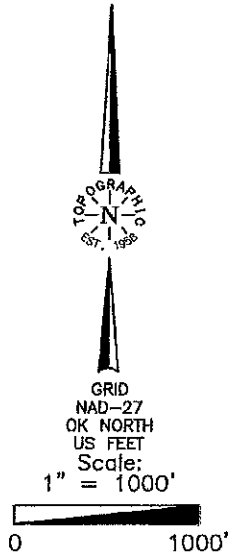
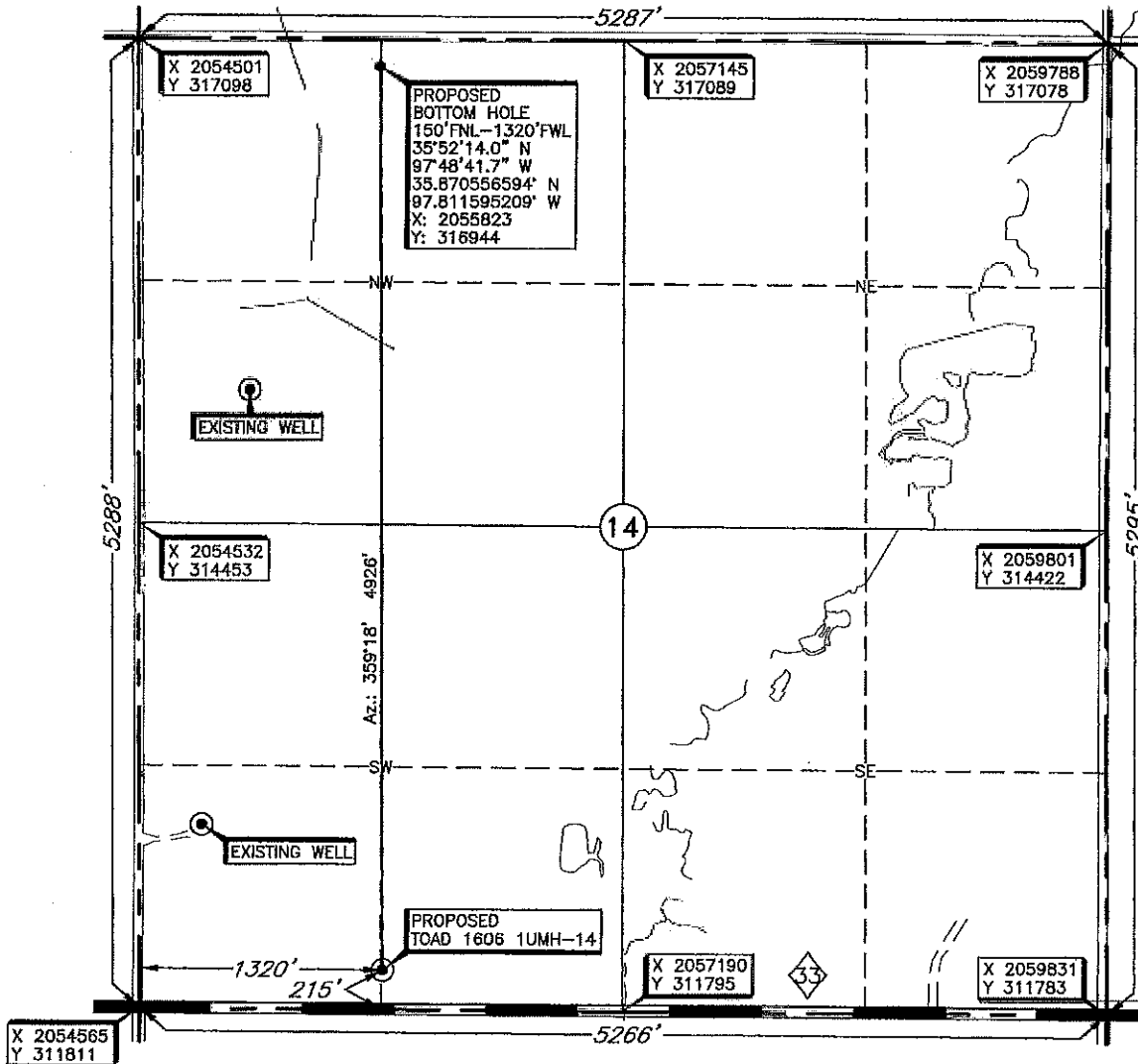
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

KINGFISHER

County, Oklahoma

215'FSL-1320'FWL Section 14 Township 16N Range 6W I.M.



[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: TOAD 1606

Well No.: 1UMH-14

ELEVATION:
1112' Gr. at Stake

Topography & Vegetation Loc. fell in planted field, sloping to the East.

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

Best Accessibility to Location From South off St. Hwy 33

Distance & Direction From the junction of St. Hwy 33 E-W & US Hwy 81 N-S in Kingfisher, Oklahoma, go ± 6.5 miles East on St. Hwy 33 to the Southwest Corner of Section 14, T16N-R6W.

Date of Drawing: Sept. 30, 2016

Invoice # 266009 Date Staked: Sept. 29, 2016

NMB

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

DATUM: NAD-27
LAT: 35°51'25.3" N
LONG: 97°48'41.1" W
LAT: 35.857024365° N
LONG: 97.811424698° W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK NORTH
X: 2055883
Y: 312018

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

