

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

API NUMBER: 017 25031

Approval Date: 07/05/2017  
Expiration Date: 01/05/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION:  SE  SE  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 251 226

Lease Name: KILIMANJARO 1106

Well No: 1WH-2

Well will be 226 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

GLEN EBELING  
11909 LAMAR AVENUE, APT. 320  
LEAWOOD KS 66209

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

Name	Depth	Name	Depth
1 WOODFORD	8830	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601657  
201703748

Special Orders:

Total Depth: 14100

Ground Elevation: 1342

**Surface Casing: 1390**

Depth to base of Treatable Water-Bearing FM: 1140

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: 17-32806

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 02 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 8290

Radius of Turn: 511

Direction: 358

Total Length: 5007

Measured Total Depth: 14100

True Vertical Depth: 8890

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

Notes:

Category

Description

COMPLETION INTERVAL

7/3/2017 - G60 - WILL BE A LEGAL LOCATION FOR THE WOODFORD 165' FNL/FSL AND 330' FEL/FWL

HYDRAULIC FRACTURING

6/27/2017 - 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

MEMO

6/27/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201601657

6/29/2017 - G60 - (640)(HOR) 2-11N-6W  
EST WDFD, OTHER  
COMPL. INT. NLT 165' FNL/FSL, NCT 330' FEL/FWL  
REC. 6/30/17 (LEAVITT)

PENDING CD - 201703748

6/29/2017 - G60 - 2-11N-6W  
X165:10-3-28(C)(2)(B) KILIMANJARO 1106 1WH-2 MSSP, WDFD  
MAY BE CLOSER THAN 600' TO THE KAPLAN 2-1 WELL  
HEARING 7/3/17

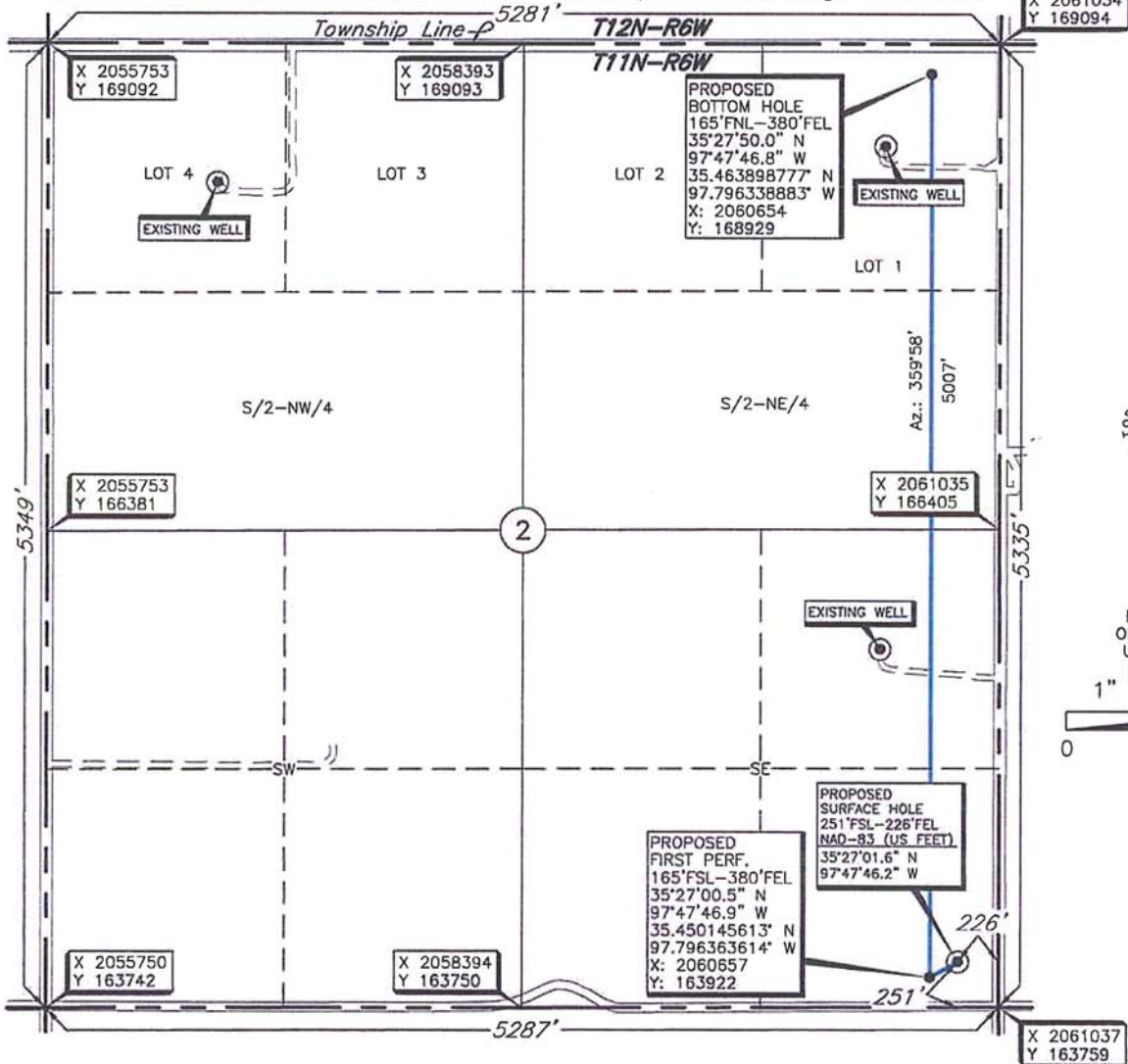
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

**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

3501725031

251'FSL-226'FEL Section 2 Township 11N Range 6W I.M.



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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.



<b>ELEVATION:</b>
1342' Gr. at Stake (NAVD 88)
1342' Gr. at Stake (NGVD 29)

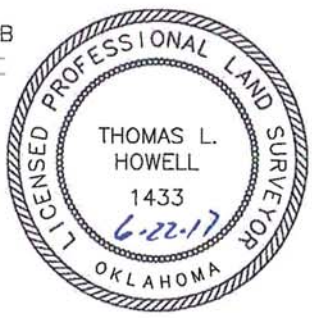
Operator: CHAPARRAL ENERGY, LLC.  
 Lease Name: KILIMANJARO 1106 Well No.: 1WH-2  
 Topography & Vegetation Loc. fell in level pasture, mostly grass  
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None  
 Best Accessibility to Location From South off county road  
 Distance & Direction From the junction of St. Hwy 92 & US Hwy 270/US Hwy 40 in Yukon, Oklahoma, go ± 2.5 miles South on St. Hwy 92, then ± 2 miles West to the Southeast Corner of Section 2, T11N-R6W.

DATUM: NAD-27  
 LAT: 35°27'01.4" N  
 LONG: 97°47'45.0" W  
 LAT: 35.450382301° N  
 LONG: 97.795846070° W  
 STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2060811  
 Y: 164009

Date of Drawing: June 22, 2017 TR  
 Invoice # 277285 Date Staked: June 21, 2017 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.