

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

API NUMBER: 017 25037 B

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

Horizontal Hole Oil & Gas

Amend reason: CHANGE BHL, ADD EXCEPTION TO RULE

AMEND 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: 251 256

Lease Name: KILIMANJARO 1106

Well No: 1UMH-2

Well will be 251 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
8801 W. 147TH TERRACE
OVERLAND PARK KS 66221

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8661	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601657
201601763
201704319

Special Orders:

Total Depth: 13700 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: 17-32875

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: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 850

Depth of Deviation: 7721

Radius of Turn: 618

Direction: 353

Total Length: 5008

Measured Total Depth: 13700

True Vertical Depth: 8800

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

Notes:

Category

Description

MEMO

7/13/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201601657

7/17/2017 - G60 - (640)(HOR) 2-11N-6W
EST MSSP, OTHERS
COMPL. INT. NCT 660' FB
(COEXIST WITH SP. ORDER 151640 MSSLM, 158261 MSSLM, 16480 MSSLM, 209012 MSSLM)
REC. 6/30/17 (LEAVITT)

PENDING CD - 201601763

7/17/2017 - G60 - (I.O.) 2-11N-6W
X201601657 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL/FWL
NO OP. NAMED
REC. 6/30/17 (LEAVITT)

PENDING CD - 201704319

7/26/2017 - G60 - 2-11N-6W
X165:10-3-28(C)(2)(B) KILIMANJARO 1106 1UMH-2 MSSP **
MAY BE CLOSER THAN 600' TO THE KAPLAN 2-1 WELL
REC. 7/24/17 (DUNN)

**WAS CORRECTED AT THE HEARING PER ATTORNEY FOR OPERATOR

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.

017 25037 KILIMANJARO 1106 1UMH-2

CANADIAN County, Oklahoma

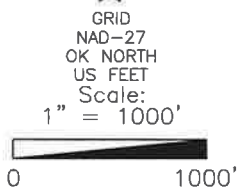
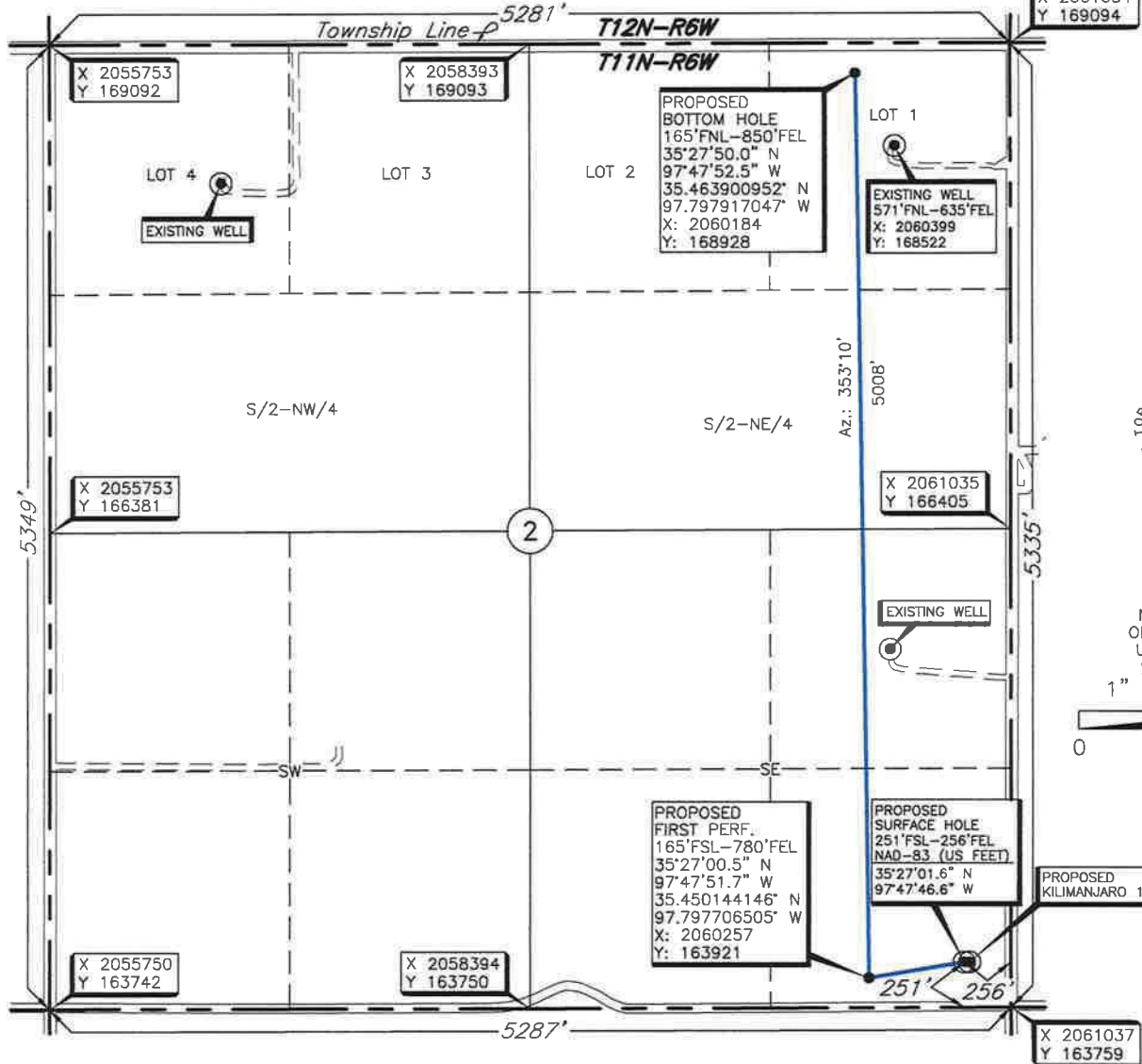
3501725037

251'FSL-256'FEL Section 2 Township 11N Range 6W I.M.

X 2061034
Y 169094

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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



ELEVATION:
1343' Gr. on Pad (NAVD 88)
1342' Gr. on Pad (NGVD 29)

Operator: CHAPARRAL ENERGY, LLC.
 Lease Name: KILIMANJARO 1106 Well No.: 1UMH-2
 Topography & Vegetation Loc. fell on existing pad
 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.

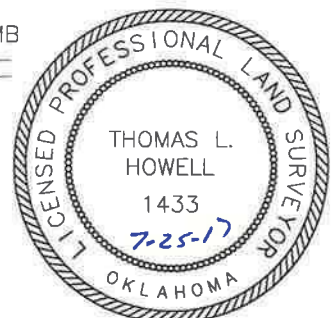
DATUM: NAD-27
 LAT: 35°27'01.4\" N
 LONG: 97°47'45.4\" W
 LAT: 35.450381996° N
 LONG: 97.795946432° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 2060781
 Y: 164009

Revision B Date of Drawing: July 25, 2017
 Invoice # 277285A Date Staked: July 6, 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