

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

API NUMBER: 047 25115

Approval Date: 11/17/2017

Expiration Date: 05/17/2018

Straight Hole

Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 22N Rge: 5W

County: GARFIELD

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 260 855

Lease Name: GERKEN 2205

Well No: 1UMH-33

Well will be 260 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

D. & B. GERKEN, M. HACKER, L. HLADIK  
5429 S. 29TH  
FAIRMONT OK 73736

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

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

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6275

Ground Elevation: 1139

**Surface Casing: 640**

Depth to base of Treatable Water-Bearing FM: 390

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 8000 Average: 5000

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: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33476  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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.

Category

Description

SPACING

11/17/2017 - G60 - N/A - STRAT TEST

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.

047 25115 GERKEN 2205 1UMH-33

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

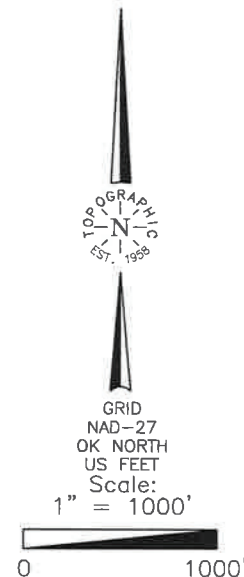
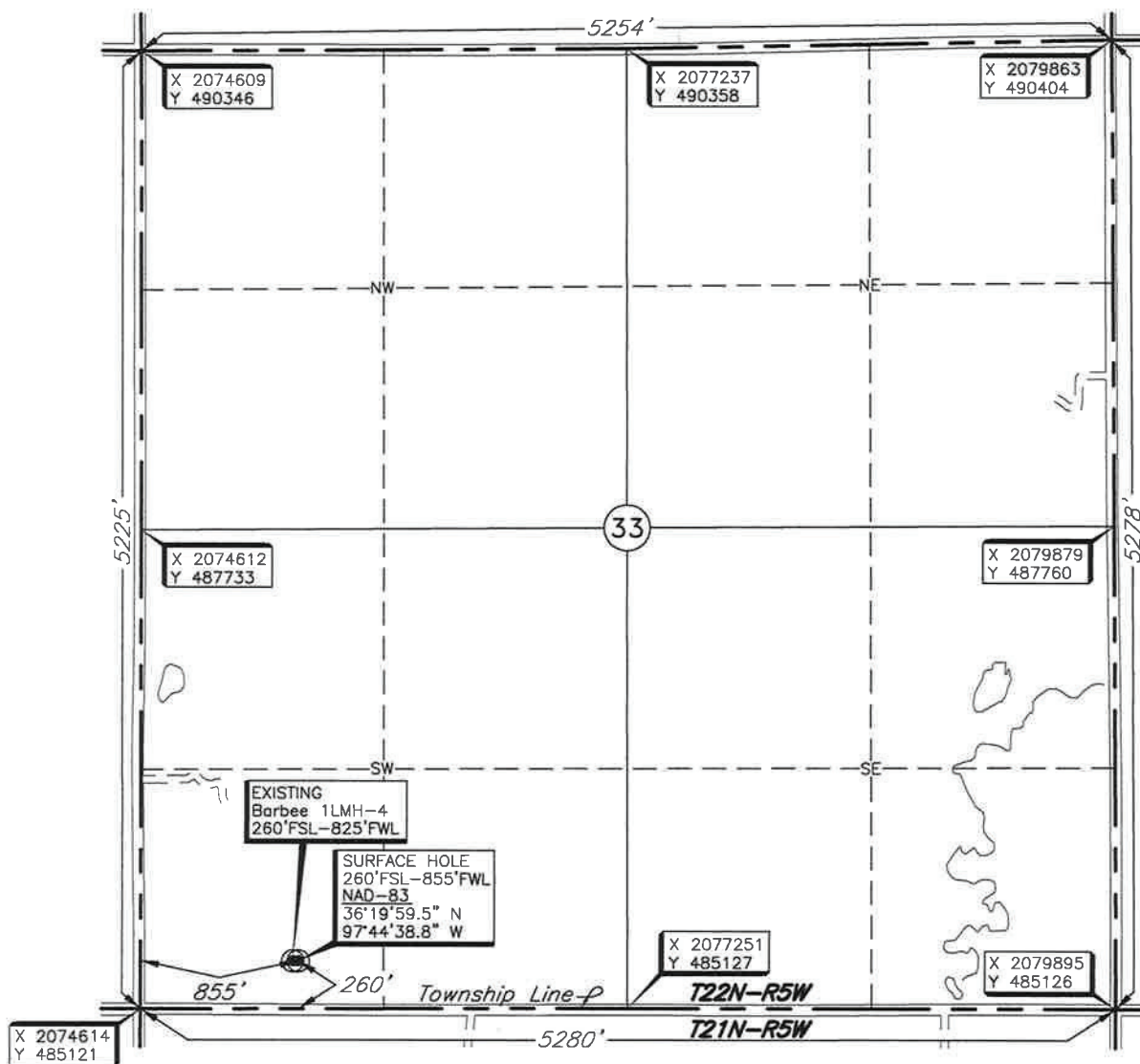
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

GARFIELD

County, Oklahoma

3504725115

260'FSL-855'FWL Section 33 Township 22N Range 5W I.M.



THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

Operator: CHAPARRAL ENERGY, LLC.

Lease Name: GERKEN 2205

Well No.: 1UMH-33

## ELEVATION:

1139' on Existing Pad (NGVD 88)

1139' on Existing Pad (NAVD 29)

Topography & Vegetation Loc. fell on existing pad, ± 30' East of well casing

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

Best Accessibility to Location From South off county road

Distance & Direction  
from Hwy Jct or Town From the junction of US Hwy 412/US Hwy 64 & St. Hwy 74, go ± 9 miles West on  
US Hwy 412/US Hwy 64, then ± 4.5 miles South to the Southwest Corner of Section 33, T22N-R5W.

DATUM: NAD-27

LAT: 36°19'59.4" N

LONG: 97°44'37.6" W

LAT: 36.333155982° N

LONG: 97.743788651° W

STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH

X: 2075469

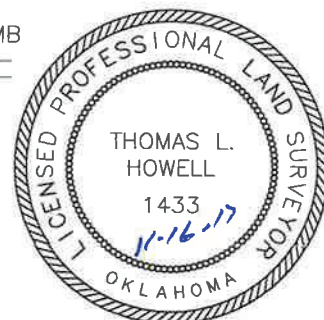
Y: 485383

Date of Drawing: Nov. 16, 2017  
Invoice # 284353 Date Staked: Nov. 16, 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