

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

API NUMBER: 093 25000 A

Approval Date: 12/15/2014  
Expiration Date: 06/15/2015

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION - CORRECT PIT SYSTEM

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 22N Rge: 9W

County: MAJOR

SPOT LOCATION:  NE  NE  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 1145

Lease Name: WOLF 2209

Well No: 10H-20

Well will be 250 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

OLIVE L. TRAYLOR REVOCABLE TRUST  
1318 PONCA AVENUE  
ENID OK 73703

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

Name	Depth	Name	Depth
1 OSWEGO	6310	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 633300

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407282

Special Orders:

Total Depth: 11110

Ground Elevation: 1323

**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**

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 20 Twp 22N Rge 9W County MAJOR

Spot Location of End Point: C S2 S2 SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 5910

Radius of Turn: 216

Direction: 179

Total Length: 4850

Measured Total Depth: 11110

True Vertical Depth: 7025

End Point Location from Lease,  
Unit, or Property Line: 330

Notes:

Category	Description
PENDING CD - 201407282	12/15/2014 - G91 - 20-22N-9W X633300 OSWG COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 660 FWL NO OP. NAMED REC. 10-27-2014 (N.STUCK)
SPACING - 633300	12/15/2014 - G91 - (640)(HOR) 20-22N-9W VAC 136780 OSWG, OTHERS LESS E2 NW4 EST OSWG, OTHER POE TO BHL NCT 660' FB

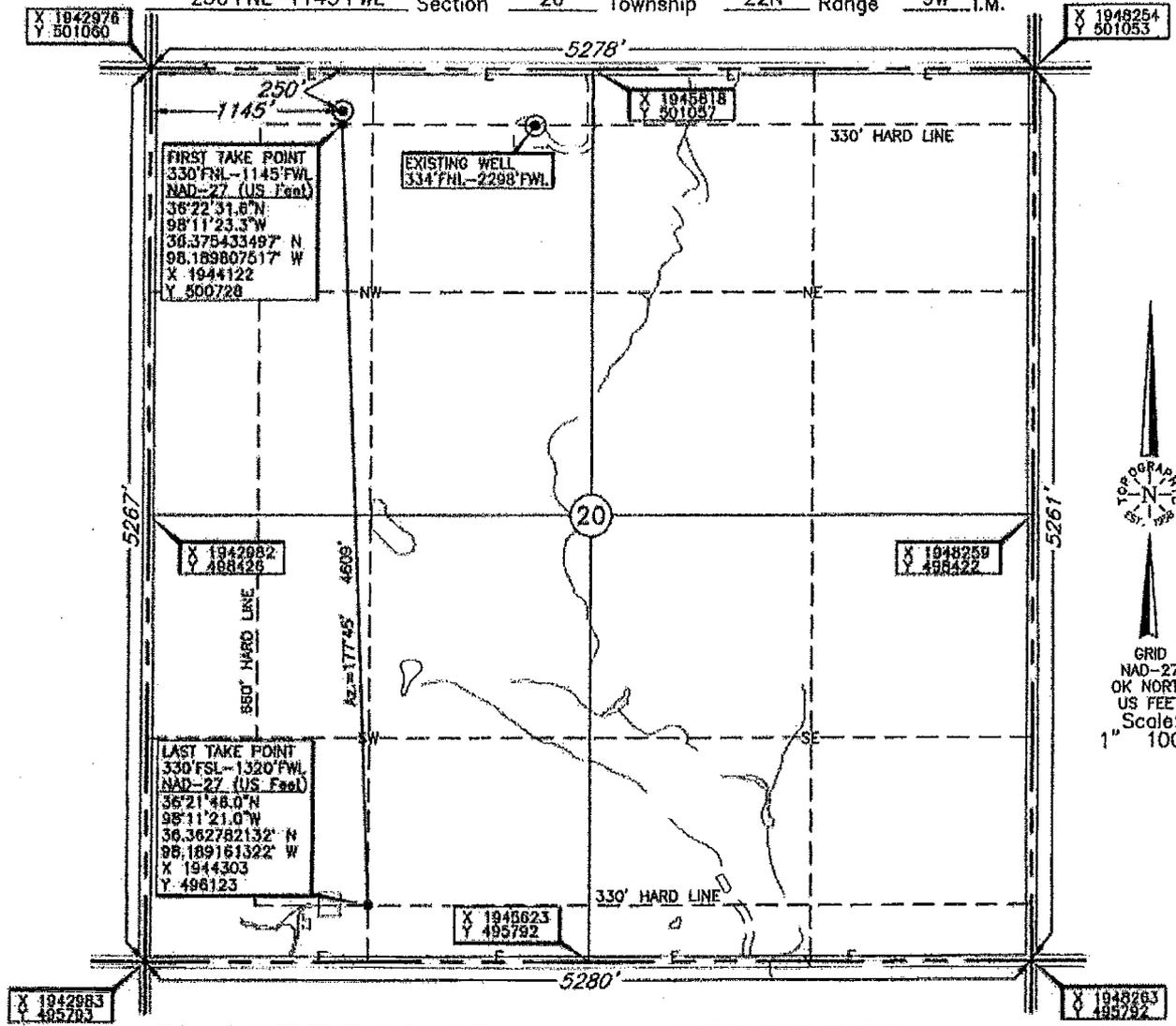
093-25000

### 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.

MAJOR \_\_\_\_\_ County, Oklahoma

250'FNL-1145'FWL Section 20 Township 22N Range 9W 1.M.



LAST TAKE POINT 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: WOLF 2209  
 Topography & Vegetation Loc. fell on existing pad

Well No.: 104-20  
**ELEVATION:**  
1324' Gr. on existing pad

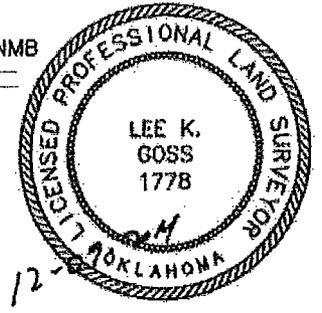
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road.  
 Distance & Direction From the junction of US Hwy 412 & St. Hwy 58, go ± 3 miles East on US Hwy 412, then ± 1 mile South to the Northwest Corner of Section 20, T22N-R9W.

Revision  A Date of Drawing: Dec. 9, 2014  
 Invoice # 237037 Date Staked: Dec. 5, 2014

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.  
 DATUM: NAD-27  
 LAT: 36°22'32.4"N  
 LONG: 98°11'23.3"W  
 LAT: 36.375853435° N  
 LONG: 98.189808657° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 1944122  
 Y: 500809

**CERTIFICATE:**  
 I, Lee K. Goss a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.  
Lee K. Goss  
 Oklahoma Lic. No. 1778



December 18, 2014

Oklahoma Corporation Commission  
Oil and Gas Conservation Division  
P.O. Box 52000-2000  
Oklahoma City, OK 73152-2000

Re: Wolf 2209 #1OH-20  
Sec 20-22N-9W  
Major County, OK

Dear Sir or Madam:

Chaparral Energy, respectfully requests an exception to the OAC 165: 10-3-4 (i) Minimum Wellhead Equipment for Drilling Wells (blowout preventer to be installed prior to drilling out of the surface casing..."; in an effort to avoid expensive up hole caving that is of record for offset wells in the area. Operator will also avoid having to install a 13 5/8" wellhead and BOP and due to KB limitations having to replace it with 11" equipment once the 9 5/8" casing is set.

Operator intends to set 13 3/8" surface casing at 490' to cover the BTW which is 390'. A Rotating head and Diverter will be installed on the 13 3/8" casing to maintain fluid control before drilling to 3,500' and setting 9 5/8" casing and installing an 11" x 5M Bradenhead and an 11" x 5M BOP Stack.

Respectfully,

Chaparral Energy



Evelyn P. Smith  
Sr. Engineering Tech III/Drilling  
Phone: 405-426-4533  
Fax: 405-425-8933