

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

API NUMBER: 047 24959

Approval Date: 11/05/2014  
Expiration Date: 05/05/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 20N Rge: 7W

County: GARFIELD

SPOT LOCATION:  SE  SW  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 760

Lease Name: TROJAN 2007

Well No: 10H-10

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

CHAPARRAL REAL ESTATE  
701 CEDAR LAKE BLVD.  
OKLAHOMA CITY OK 73114

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

Name	Depth	Name	Depth
1 OSWEGO	6200	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626446

Location Exception Orders: 626855

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11330

Ground Elevation: 1214

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 410

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 BED AQUIFER

Pit Location Formation: BISON

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 10 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: E2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 800

Depth of Deviation: 6200

Radius of Turn: 715

Direction: 360

Total Length: 4612

Measured Total Depth: 11330

True Vertical Depth: 6915

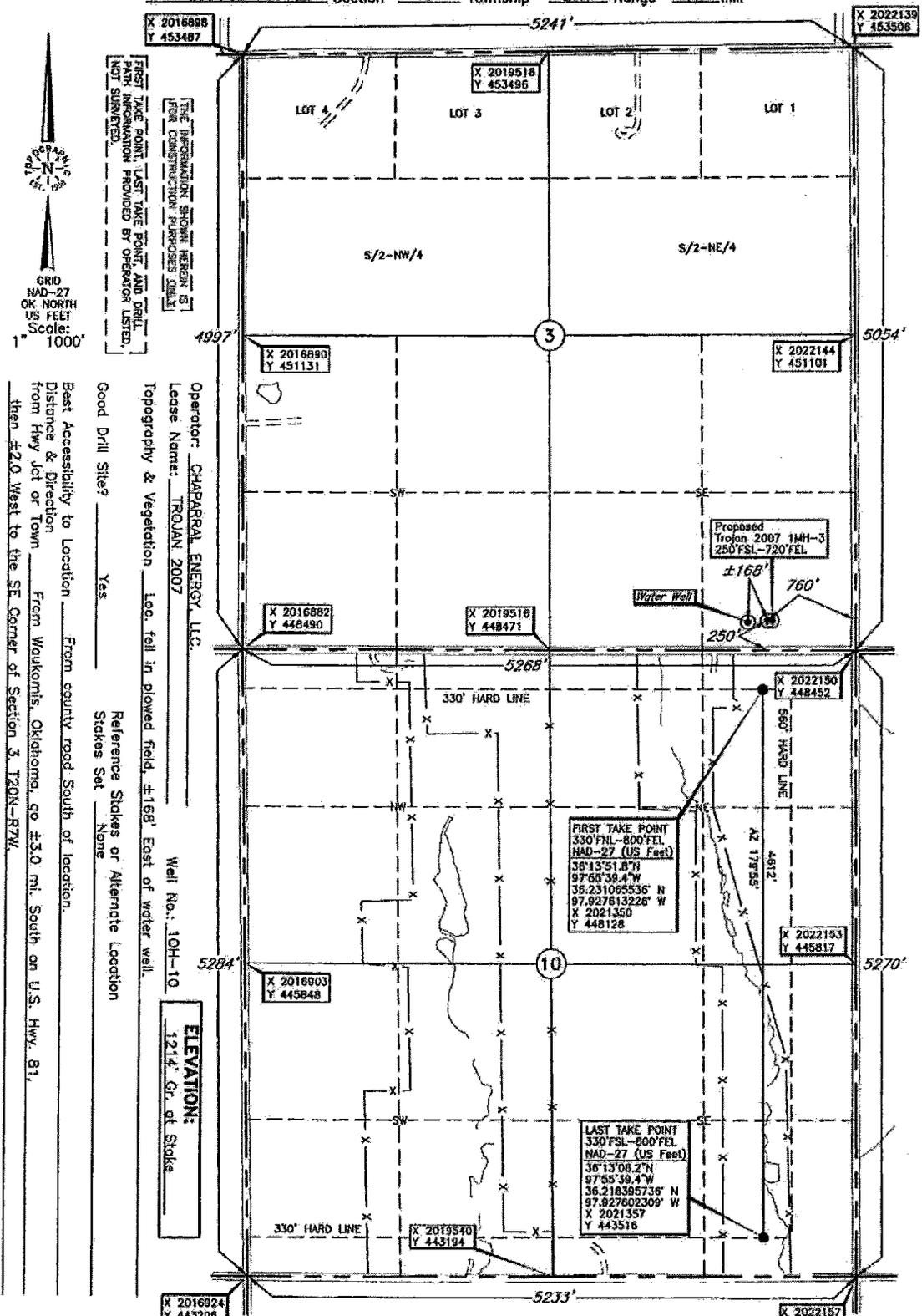
End Point Location from Lease,  
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	10/3/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 626855	11/4/2014 - G72 - 10-20N-07W (I.O.) X 626446 OSWG, COMP INT. NCT 330 FNL NCT 330 FSL NCT 560 FEL, CHAPARRAL ENERGY, L.L.C. 6/18/2014
SPACING - 626446	11/4/2014 - G72 - (640 HORZ) 10-20N-07W EST OSWG, OTHERS COEXIST (127601)

047-24959

GARFIELD County, Oklahoma  
 250' FSL - 760' FEL Section 3 Township 20N Range 7W I.M.



Operator: CHAPARRAL ENERGY, LLC.  
 Lease Name: TROJAN 2007  
 Topography & Vegetation: Loc. fell in plowed field, ±168' East of water well.  
 Good Drill Sites? Yes  
 Reference Stakes or Alternate Location: Stakes Set Name  
 Well No.: 10H-10  
 ELEVATION: 1214' Gr. at Stake  
 Best Accessibility to Location: From county road South of location.  
 Distance & Direction: From Waukomis, Oklahoma, go ±3.0 mi. South on U.S. Hwy. 81, then ±2.0 West to the SE Corner of Section 3, T20N-R7W.

**SURFACE HOLE**  
 DATUM: NAD-27  
 LAT: 36°13'57.6"N  
 LONG: 97°55'38.9"W  
 LAT: 36.232658199° N  
 LONG: 97.927479664° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2021389  
 Y: 448708

Date of Drawing: Oct. 1, 2014  
 Invoice # 232126 Date Staked: Aug. 05, 2014 NMB

**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.  
 Oklahoma Lic. No. 1778

