

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

API NUMBER: 017 25236

Approval Date: 06/22/2018

Expiration Date: 12/22/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 12N Rge: 6W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 290 900

Lease Name: ANDES 1206

Well No: 1UMH-28

Well will be 290 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

NORMA J. HINTON & JAMES ARGUS HINTON  
NORMA J. HINTON FAMILY TRUST  
6913 WATERWOOD WAY  
OKC OK 73132

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9008	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707576  
201707578

Special Orders:

Total Depth: 13850

Ground Elevation: 1322

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 350

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: 18-34751

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 28 Twp 12N 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: 8304

Radius of Turn: 382

Direction: 5

Total Length: 4946

Measured Total Depth: 13850

True Vertical Depth: 9050

End Point Location from Lease,  
Unit, or Property Line: 290

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

6/18/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

#### HYDRAULIC FRACTURING

6/18/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

#### MEMO

6/18/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201707576

6/19/2018 - G57 - (640)(HOR) 28-12N-6W  
EXT 631353 MSSP, OTHERS  
POE TO BHL NCT 660' FB  
(COEXIST WITH SP. ORDER #130956 MISS)  
REC 6-8-2018 (MINMIER)

This permit does not address the right of entry or settlement of surface damages.

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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.

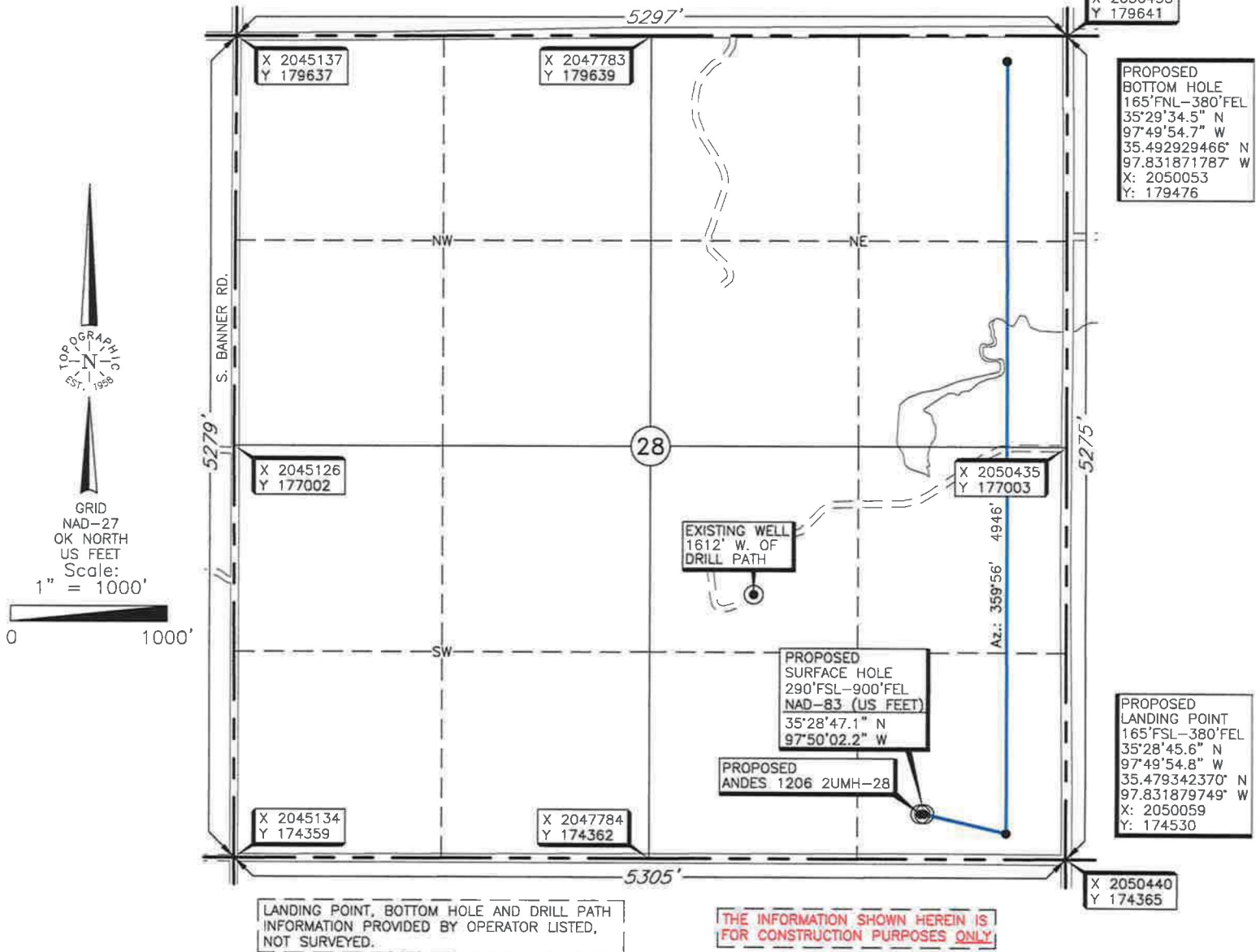
017 25236 ANDES 1206 1UMH-28

Category	Description
PENDING CD - 201707578	6/19/2018 - G57 - (I.O.) 28-12N-6W X201707576 MSSP X165:10-3-28(C)(2)(B) MSSP (ANDES 1206 1UMH-28) MAY BE CLOSER THAN 600' TO THE HINTON #28-3 COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL & FEL NO OP. NAMED REC 6-8-2018 (MINMIER)

CANADIAN

County, Oklahoma

290'FSL-900'FEL Section 28 Township 12N Range 6W I.M.



Operator: CHAPARRAL ENERGY, LLC.  
Lease Name: ANDES 1206

Well No.: 1UMH-28

**ELEVATION:**

1322' Gr. at Stake (NAVD 88)  
1322' Gr. at Stake (NGVD 29)

Topography & Vegetation Location fell in cut, sloped wheat field

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 I-40 & Banner Road, go ± 1.5 miles South on Banner Road, then  
± 1 mile East to the Southeast Corner of Section 28, T12N-R6W.

DATUM: NAD-27  
LAT: 35°28'46.9\"  
LONG: 97°50'01.1\"  
LAT: 35.479686450°  
LONG: 97.833626270°  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2049539  
Y: 174654

Date of Drawing: June 15, 2018  
Invoice # 295643 Date Staked: June 14, 2018 NB

**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.

Oklahoma Reg. No. 1433

