

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

API NUMBER: 081 24304 A

Approval Date: 06/04/2018

Expiration Date: 12/04/2018

Directional Hole  
Horizontal Hole

Amend reason: ADD FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 13N Rge: 5E

County: LINCOLN

SPOT LOCATION: ☐ SE ☐ NW ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2185 1876

Lease Name: CHERRY HILLS

Well No: 2-5H

Well will be 1876 feet from nearest unit or lease boundary.

Operator MONTCLAIR ENERGY LLC  
Name:

Telephone: 4053418822

OTC/OCC Number: 22644 0

MONTCLAIR ENERGY LLC  
3509 FRENCH PARK DR STE B  
EDMOND, OK 73034-7291

JERRY & PATRICIA GAINES  
2440 TWIN RIDGE DRIVE  
EDMOND OK 73034

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

	Name	Depth	Name	Depth
1	BARTLESVILLE	5150	6	
2	HUNTON	6356	7	
3			8	
4			9	
5			10	

Spacing Orders: 623880

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803514  
201802614

Special Orders:

Total Depth: 11100

Ground Elevation: 865

**Surface Casing: 150**

Depth to base of Treatable Water-Bearing FM: 100

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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: VANOSS

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34585

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - DEEP FORK OF CANADIAN RIVER)

DIRECTIONAL HOLE 1

Sec 05 Twp 13N Rge 5E County LINCOLN

Spot Location of End Point: NE SW SE SW

Feet From: SOUTH 1/4 Section Line: 480

Feet From: WEST 1/4 Section Line: 1891

Measured Total Depth: 6541

True Vertical Depth: 6356

End Point Location from Lease,

Unit, or Property Line: 480

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 05 Twp 13N Rge 5E County LINCOLN

Spot Location of End Point: C W2 NW NW

Feet From: NORTH 1/4 Section Line: 660

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 5795

Radius of Turn: 573

Direction: 355

Total Length: 4405

Measured Total Depth: 11100

True Vertical Depth: 6356

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

5/29/2018 - 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)

PENDING CD - 201802614

6/1/2018 - G75 - 5-13N-5E  
X623880 HNTN  
1 WELL  
NO OP. NAMED  
REC 4-24-2018 (DENTON)

PENDING CD - 201803514

6/1/2018 - G75 - (I.O.)  
X623880 HNTN  
SHL (8-13N-5E) 2185' FSL, 1876' FWL  
POE (5-13N-5E) NCT 330' FSL, NCT 660' FWL  
BHL (5-13N-5E) NCT 660' FNL, NCT 330' FWL  
MONTCLAIR ENERGY, LLC  
REC 5-21-2018 (NORRIS)

POINT OF ENTRY (BARTLESVILLE)

7/6/2018 - G75 - 2124' FSL, 2295' FWL NW4 8-13N-5E PER STAKING PLAT

SPACING

7/6/2018 - G75 - BARTLESVILLE UNSPACED; 80-ACRE LEASE (N2 NW4 8-13N-5E)

SPACING - 623880

6/1/2018 - G75 - (640)(HOR) 5-13N-5E  
EXT 598905 HNTN, OTHERS  
POE TO BHL NCT 660' FB

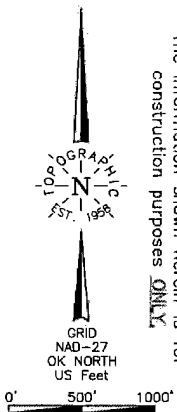
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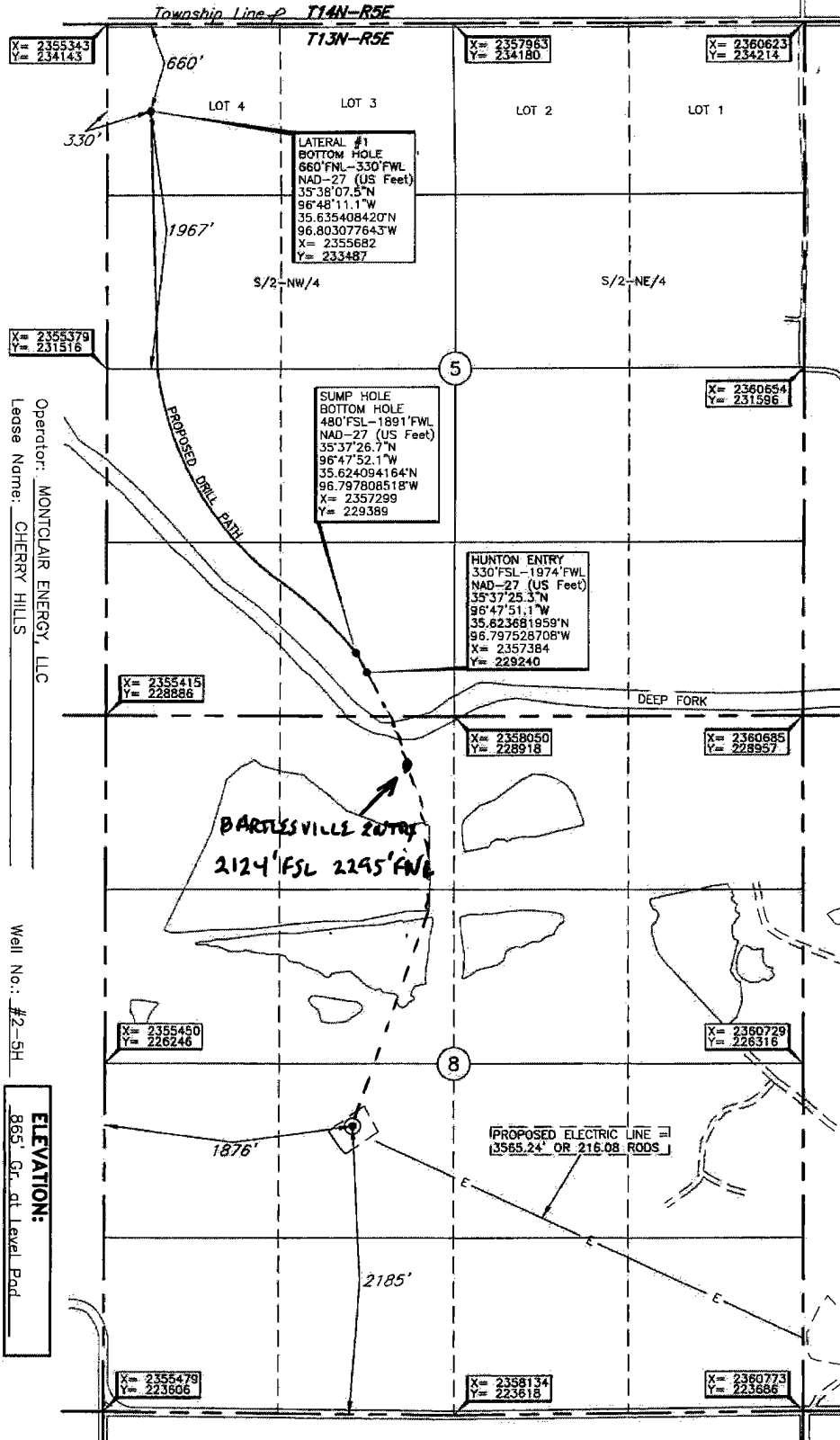
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

081 24304 CHERRY HILLS 2-5H

2185' FSL-1876' FWL Section 8 Township 13N Range 5E I.M.



**NOTE:**  
The information shown herein is for construction purposes ONLY.



Operator: MONTCLAIR ENERGY, LLC  
 Lease Name: CHERRY HILLS  
 Topography & Vegetation Loc. fell on level 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 Sparks, OK, go .40.75 mile east, then .40.25 mile south to the SW Cor. of Sec. 8-113N-5E.  
 Well No.: #2-5H  
**ELEVATION:**  
865' Gr. at Level Pad

DATUM: NAD-27  
 LAT: 35°36'51.2\"N  
 LONG: 96°47'52.3\"W  
 LAT: 35.614233720\"N  
 LONG: 96.797848631\"W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2357332  
 Y: 225800

Date of Drawing: May 23, 2018  
 Invoice # 294627 Date Staked: Apr. 18, 2018 TR

**CERTIFICATE:**

I, Dan W. Rogers, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

*Dan W. Rogers*  
 Oklahoma Lic. No. 1200

