

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

API NUMBER: 081 24303 A

Approval Date: 06/01/2018  
Expiration Date: 12/01/2018

Directional Hole Oil & Gas  
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: 2173 1860

Lease Name: TANGLEWOOD Well No: 1-6H Well will be 1860 feet from nearest unit or lease boundary.  
Operator Name: MONTCLAIR ENERGY LLC 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	RED FORK	5110	6	
2	HUNTON	6723	7	
3			8	
4			9	
5			10	

Spacing Orders: 636536

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12045

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: 18-34584

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

**DIRECTIONAL HOLE 1**

Sec 06 Twp 13N Rge 5E County LINCOLN

Spot Location of End Point: SE NW SE SE

Feet From: SOUTH 1/4 Section Line: 775

Feet From: EAST 1/4 Section Line: 803

Measured Total Depth: 6907

True Vertical Depth: 6723

End Point Location from Lease,

Unit, or Property Line: 775

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 06 Twp 13N Rge 5E County LINCOLN

Spot Location of End Point: C E2 NW NW

Feet From: NORTH 1/4 Section Line: 660

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 5981

Radius of Turn: 477

Direction: 315

Total Length: 5315

Measured Total Depth: 12045

True Vertical Depth: 6723

End Point Location from Lease,  
Unit, or Property Line: 660

HORIZONTAL HOLE 2

Sec 06 Twp 13N Rge 5E County LINCOLN

Spot Location of End Point: C N2 NE

Feet From: NORTH 1/4 Section Line: 660

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 5772

Radius of Turn: 750

Direction: 358

Total Length: 3933

Measured Total Depth: 10883

True Vertical Depth: 6723

End Point Location from Lease,  
Unit, or Property Line: 660

Notes:

Category

Description

BOTTOM-HOLE LOCATION LATERAL 1 5/31/2018 - G75 - 660' FNL, 990' FWL NW4 6-13N-5E PER STAKING PLAT

BOTTOM-HOLE LOCATION LATERAL 2 5/31/2018 - G75 - 660' FNL, 1320' FEL NE4 6-13N-5E PER STAKING PLAT

HYDRAULIC FRACTURING

5/31/2018 - 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)

POINT OF ENTRY (HUNTON)

5/31/2018 - G75 - 660' FSL, 660' FEL SE4 6-13N-5E PER STAKING PLAT

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.

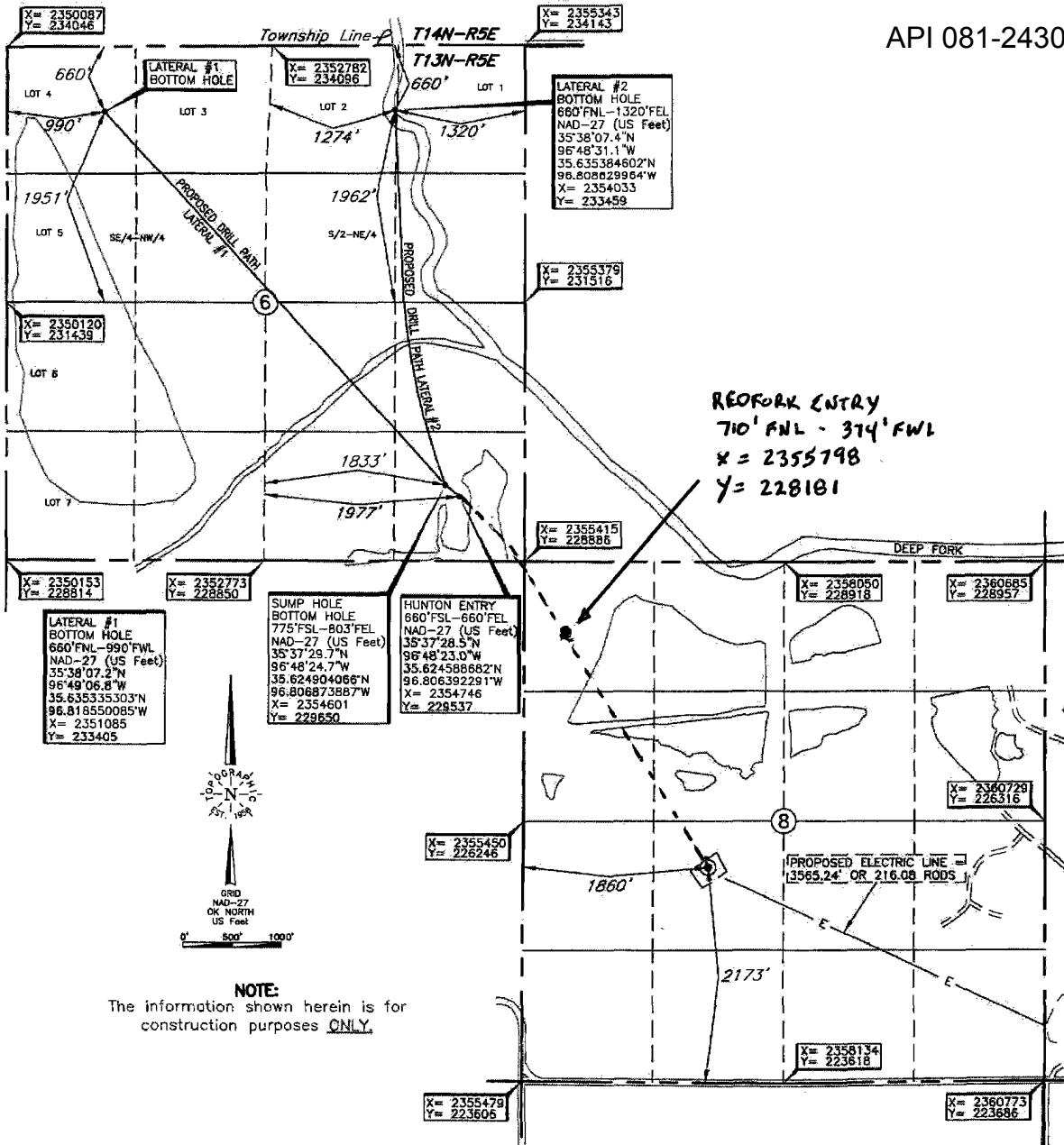
Category	Description
POINT OF ENTRY (RED FORK)	6/13/2018 - G75 - 710' FNL, 374' FWL NW4 8-13N-5E PER STAKING PLAT
SPACING	6/13/2018 - G75 - RED FORK UNSPACED; 80-ACRE LEASE (N2 NW4)
SPACING - 636536	5/31/2018 - G75 - (640)(HOR) 6-13N-5E EXT 623880 HNTN, OTHERS POE TO BHL NLT 660' FB

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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.

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**  
 13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS  
 LINCOLN

County, Oklahoma  
 2173'FSL-1860'FWL Section 8 Township 13N Range 5E I.M.

API 081-24303 A



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

Operator: MONTCLAIR ENERGY, LLC  
 Lease Name: TANGLEWOOD Well No.: #1-6H **ELEVATION:** 865' Gr. at Level Pad  
 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 Hwy Jct or Town From Sparks, OK, go ±0.75 mile east, then ±0.25 mile South to  
the SW Cor. of Sec. 8-T13N-5E.

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy

DATUM: NAD-27  
 LAT: 35°36'51.1"N  
 LONG: 96°47'52.5"W  
 LAT: 35.614201324°N  
 LONG: 96.797902953°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2357316  
 Y: 225788

Revision  A Date of Drawing: May 24, 2018  
 Invoice # 294627A 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. 200

