

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

API NUMBER: 051 24395

Approval Date: 06/26/2018

Expiration Date: 12/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 10N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 575 628

Lease Name: CAROLINE 1007

Well No: 31-6-1MXH

Well will be 575 feet from nearest unit or lease boundary.

Operator Name: CAMINO NATURAL RESOURCES LLC

Telephone: 7204052706

OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC  
1401 17TH ST STE 1000  
DENVER, CO 80202-1247

WHB CATTLE LP  
491 C S 2880  
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	MISSISSIPPI	10700	6	
2	WOODFORD	10840	7	
3			8	
4			9	
5			10	

Spacing Orders: 668352  
305336  
648098

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802560  
201802562  
201802561

Special Orders:

Total Depth: 20700

Ground Elevation: 1293

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 170

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-34835

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 06 Twp 9N Rge 6W County GRADY

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9825

Radius of Turn: 368

Direction: 170

Total Length: 10297

Measured Total Depth: 20700

True Vertical Depth: 10923

End Point Location from Lease,  
Unit, or Property Line: 100

Notes:

Category

Description

DEEP SURFACE CASING

6/20/2018 - 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

6/20/2018 - 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

6/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201802560

6/26/2018 - G58 - (640)(HOR) 31-10N-6W  
EXT 668352 MSSP, WDFD  
COMPL. INT. (MSSP) NLT 660' FB  
COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
(COEXIST SP. ORDER 319057 MSSLM, WDFD\*\*)

\*\*SHOULD COEXIST CSTR AS WELL; CORRECTED ON ORDER SUBMITTED TO OCC

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

051 24395 CAROLINE 1007 31-6-1MXH

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.

Category	Description
PENDING CD - 201802561	6/26/2018 - G58 - (I.O.) 6-9N-6W & 31-10N-6W EST MULTIUNIT HORIZONTAL WELL X305336 MSSP 6-9N-6W X648098 WDFD 6-9N-6W X201802560 MSSP, WDFD 31-10N-6W (MSSP IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 6-9N-6W 50% 31-10N-6W NO OP. NAMED REC 4/23/2018 (THOMAS)
PENDING CD - 201802562	6/26/2018 - G58 - (I.O.) 6-9N-6W & 31-10N-6W X305336 MSSP 6-9N-6W X648098 WDFD 6-9N-6W X201802560 MSSP, WDFD 31-10N-6W COMPL. INT. 6-9N-6W NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. 31-10N-6W NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 5/8/2018 (MILLER)
SPACING - 305336	6/26/2018 - G58 - (640) 6-9N-6W EXT OTHERS EXT 144013/192803 MSSP
SPACING - 648098	6/26/2018 - G58 - (640)(HOR) 6-9N-6W EXT 599336 WDFD COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

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.

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

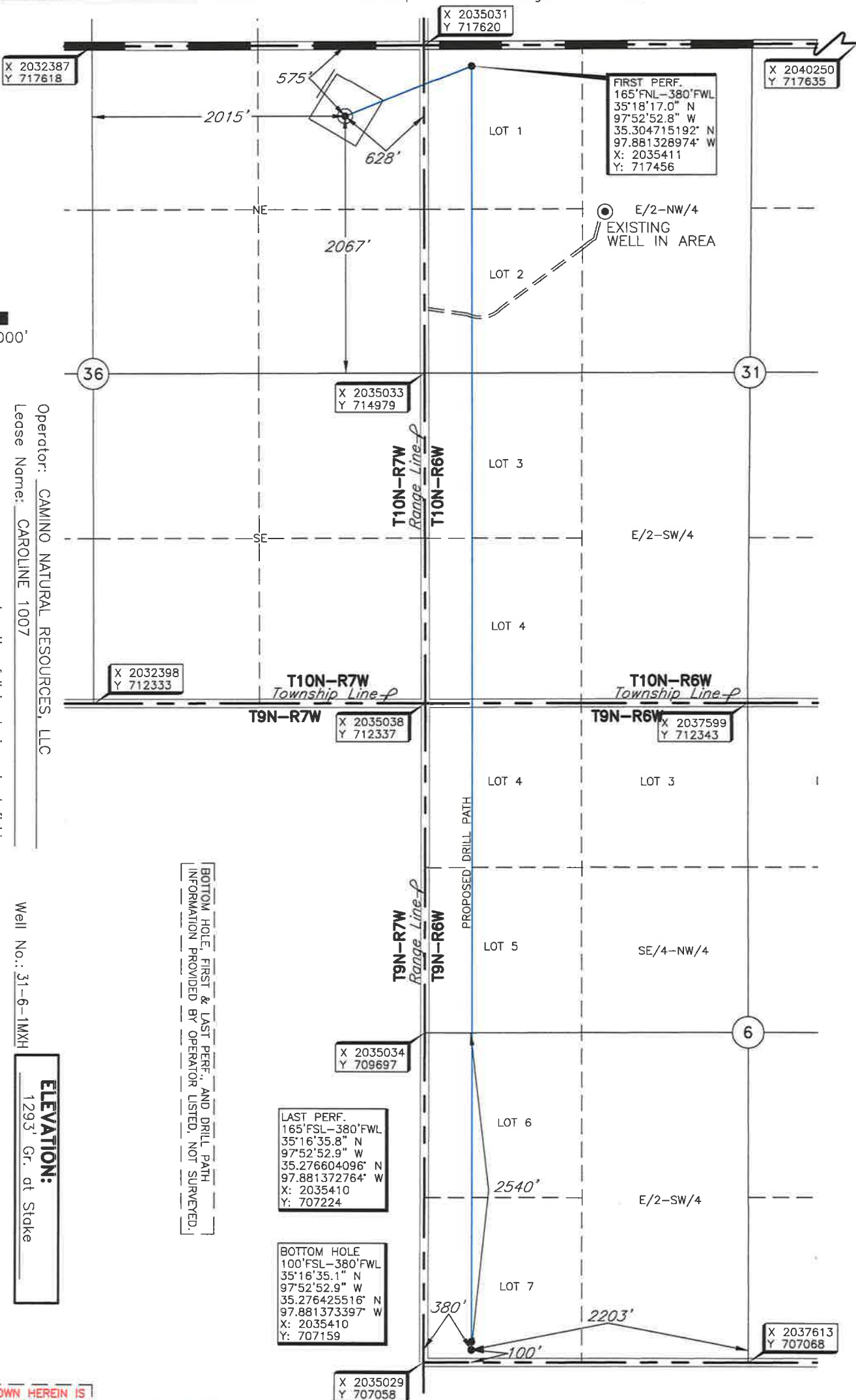
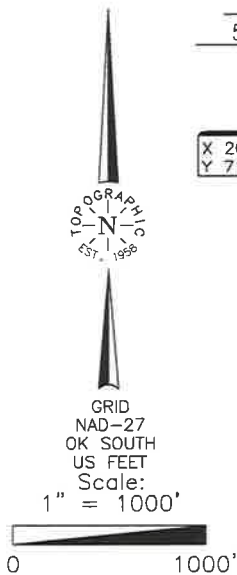
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134\* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

GRADY

County, Oklahoma

051-24395

575'FNL - 628'FEL Section 36 Township 10N Range 7W I.M.



[BOTTOM HOLE, FIRST & LAST PERF. AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.]

Operator: CAMINO NATURAL RESOURCES, LLC  
Lease Name: CAROLINE 1007  
Topography & Vegetation Location fell in sloping wheat field.

Well No.: 31-6-1MXH  
**ELEVATION:**  
1293' Gr. at Stake

Good Drill Site? Yes  
Best Accessibility to Location From county road east of well location.  
Distance & Direction From Hwy Jct or Town From Minco, OK., go ±4.0 miles east to the Northeast Corner of Section 36, T10N-R7W.

Reference Stakes or Alternate Location  
Stakes Set None

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

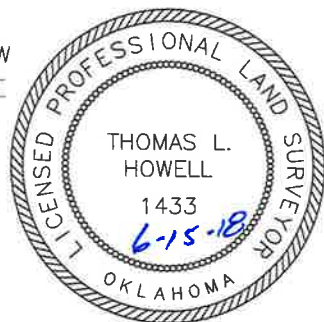
DATUM: NAD-27  
LAT: 35°18'12.9" N  
LONG: 97°53'04.9" W  
LAT: 35.303589057° N  
LONG: 97.884708106° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK SOUTH  
X: 2034403  
Y: 717045

Revision ☒ A Date of Drawing: June 15, 2018  
Invoice # 296465 Date Staked: April 30, 2018 JGW

## 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.

*Thomas L. Howell*  
Oklahoma Lic. No. 1433



This information was gathered with a GPS receiver with a 1 ft ± accuracy.