

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

API NUMBER: 051 24550

Approval Date: 01/16/2019

Expiration Date: 07/16/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 8N Rge: 6W County: GRADY
SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2379 736

Lease Name: SANDBASS 0806 Well No: 4-33-1MH Well will be 736 feet from nearest unit or lease boundary.
Operator CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0
Name:

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

BARNES FARMS INC C/O VERLE BARNES
205 SOUTHPONTE AVE
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11541	6	
2	WOODFORD	11667	7	
3	HUNTON	11773	8	
4			9	
5			10	

Spacing Orders: 682703
677922
689592

Location Exception Orders: 687167

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 19448

Ground Elevation: 1250

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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

PERMIT NO: 19-36069

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 33 Twp 9N Rge 6W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 10900

Radius of Turn: 440

Direction: 358

Total Length: 7856

Measured Total Depth: 19448

True Vertical Depth: 11773

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

Notes:

Category

Description

DEEP SURFACE CASING

1/2/2019 - 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

1/2/2019 - 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; 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

LOCATION EXCEPTION - 687167

1/16/2019 - G56 - (I.O.) 4-8N-6W & 33-9N-6W
X682703 MSSP, WDFD 4-8N-6W
X677922 MSSP, WDFD 33-9N-6W
COMPL INT (4-8N-6W) NCT 1900' FSL, NCT 0' FNL, NCT 330' FWL
COMPL INT (33-9N-6W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL
CAMINO NATURAL RESOURCES, LLC
11/27/2018

SPACING - 677922

1/16/2019 - G56 - (640)(HOR) 33-9N-6W
VAC 244149 MSSLM, WDFD, HUNTON, OTHER
EXT 666435 MSSP, WDFD, HNTN
COMPL INT (MSSP, HNTN) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

SPACING - 682703

1/16/2019 - G56 - (640)(HOR) 4-8N-6W
EST OTHER
VAC 82548 HNTN
EXT 667274 MSSP, WDFD, HNTN
COMPL INT (MSSP, HNTN) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

SPACING - 689592

1/16/2019 - G56 - (I.O.) 4-8N-6W & 33-9N-6W
ESTABLISH MULTIUNIT HORIZONTAL WELL
X682703 MSSP, WDFD 4-8N-6W
X677922 MSSP, WDFD 33-9N-6W
(WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP)
33.33% 4-8N-6W
66.67% 33-9N-6W
CAMINO NATURAL RESOURCES, LLC
1/11/2019

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

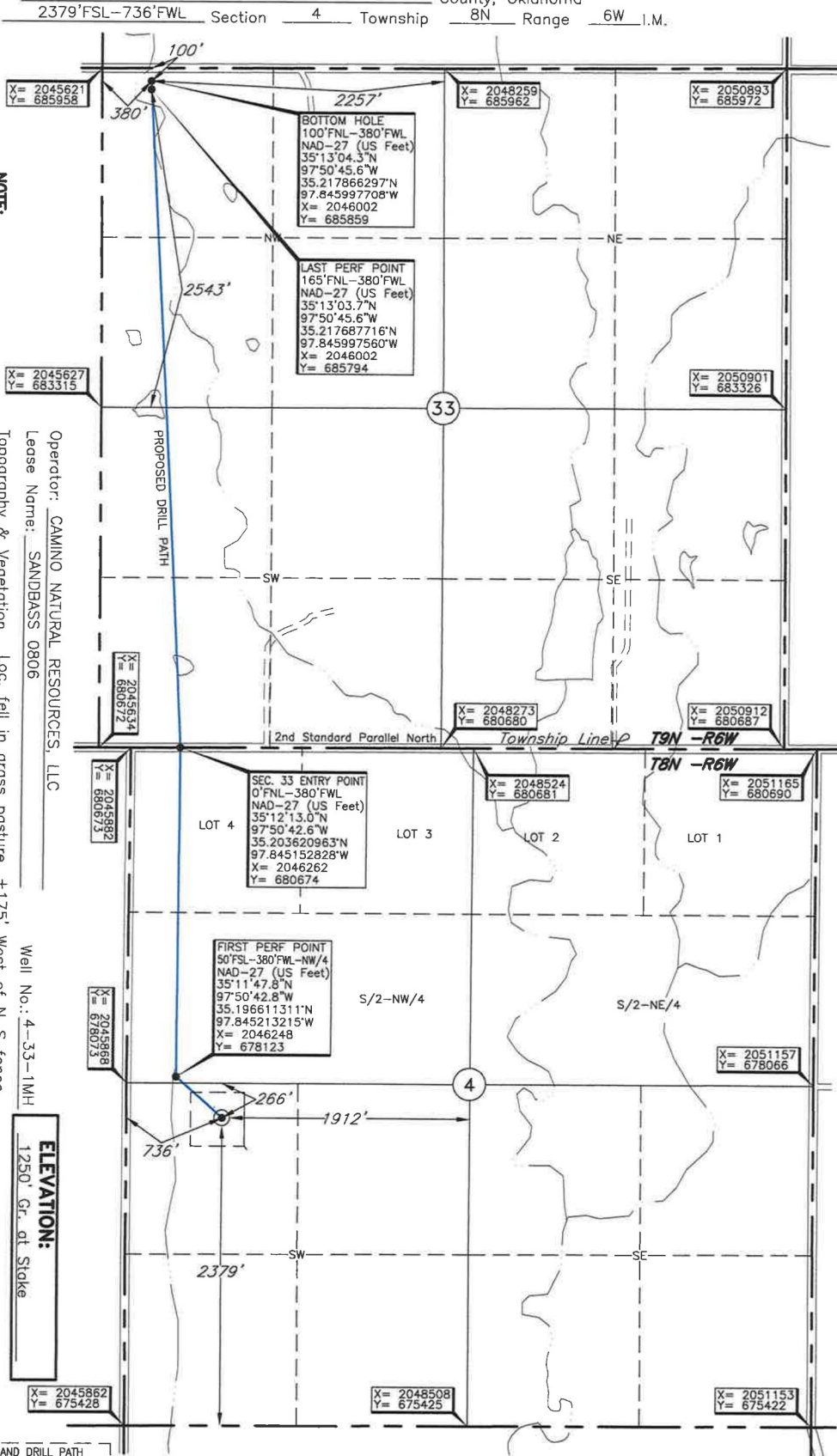
051 24550 SANDBASS 0806 4-33-1MH

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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



Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name: SANDBASS 0806
Topography & Vegetation: Loc. fell in grass pasture. ±175' West of N-S fence
Well No.: 4-33-1M-H
ELEVATION: 1250' Gr. at Stake

Good Drill Site? Yes
Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location: From West off county road.
Distance & Direction: From Amber, OK, go ±2 miles East, then North ±2 miles to the
SW Cor. of Sec. 4-18N-R6W.

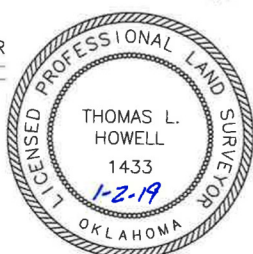
FIRST PERF, LAST PERF, BOTTOM HOLE, AND DRILL PATH
INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A Date of Drawing: Jan. 2, 2019
Invoice # 300177 Date Staked: Aug. 9, 2018

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



DATUM: NAD-27
LAT: 35°11'44.7"N
LONG: 97°50'38.5"W
LAT: 35.195740096°N
LONG: 97.844026701°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2046603
Y: 677806