

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

API NUMBER: 051 24525

Approval Date: 11/21/2018

Expiration Date: 05/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 8N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 265 595

Lease Name: ASH 0807

Well No: 36-1-1WH

Well will be 265 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

TOM & DANA HARTLEY
4716 N MCMILLAN
BETHANY OK 73008

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13020	6	
2	WOODFORD	13390	7	
3	HUNTON	13580	8	
4			9	
5			10	

Spacing Orders: 683852
190267

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801790
201801820
201800830

Special Orders:

Total Depth: 23979

Ground Elevation: 1226

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 500

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: DOG CREEK

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35773
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 01 Twp 7N Rge 7W County GRADY

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 12556

Radius of Turn: 750

Direction: 179

Total Length: 10245

Measured Total Depth: 23979

True Vertical Depth: 13947

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

Notes:

Category

Description

DEEP SURFACE CASING

11/21/2018 - 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

11/21/2018 - 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; 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

PENDING CD - 201801790

11/21/2018 - G56 - (I.O.) 1-7N-7W & 36-8N-7W
EST MULTIUNIT HORIZONTAL WELL
X190267 1-7N-7W & 36-8N-7W
X201800830 MSSP, WDFD 1-7N-7W
X201801785 MSSP, WDFD 36-8N-7W
(HNTN, MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD)
50% 1-7N-7W
50% 36-8N-7W
NO OP. NAMED
REC 9/25/2018 (NORRIS)

PENDING CD - 201801820

11/21/2018 - G56 - (I.O.) 1-7N-7W & 36-8N-7W
X190267 HNTN 1-7N-7W & 36-8N-7W
X201800830 MSSP, WDFD 1-7N-7W
X201801785 MSSP, WDFD 36-8N-7W
COMPL. INT. (1-7N-7W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (36-8N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED
REC 9/25/2018 (NORRIS)

SPACING - 190267

11/21/2018 - G56 - (640) 36-8N-7W
EST OTHERS
EXT OTHERS
EXT 85670 HNTN, OTHERS
EXT 160440 MSSLM

SPACING - 201800830

11/21/2018 - G56 - (640)(HOR) 1-7N-7W
EXT 671190 MSSP, WDFD, OTHER
COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 97146, OTHER)
REC 9/25/2018 (NORRIS)

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

051 24525 ASH 0807 36-1-1WH

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
SPACING - 683852	11/21/2018 - G56 - (640) 36-8N-7W VAC OTHERS EXT OTHER VAC 190267 MSSLM, OTHERS EXT 621422 MSSP EXT 609900 WDFD

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

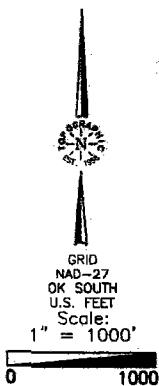
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

GRADY

County, Oklahoma

265° FNL - 595° FEL Section 36 Township 8N Range 7W I.M.

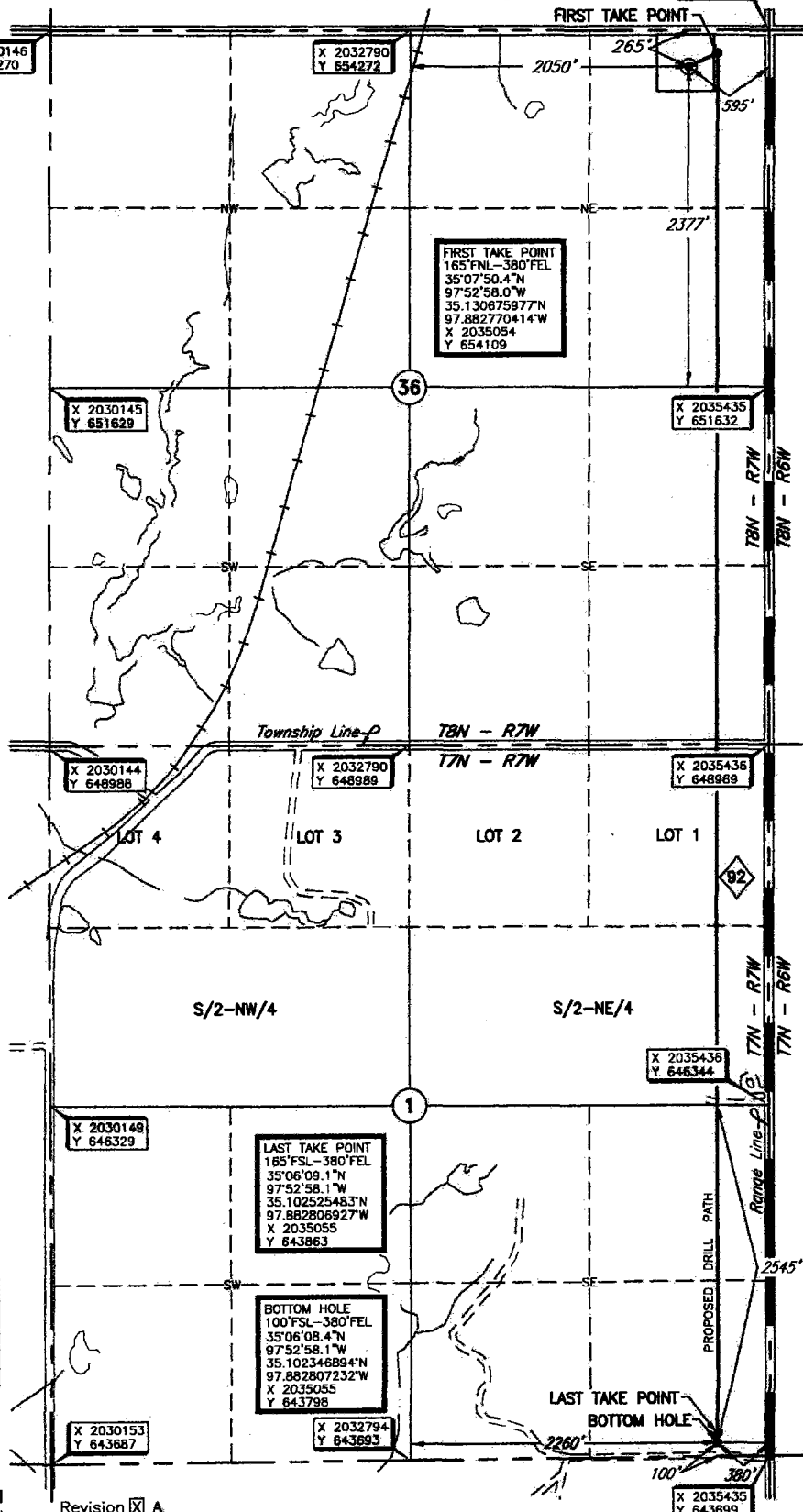
X 2035434
Y 654274

Operator: CAMINO NATURAL RESOURCES, LLC
 Lease Name: ASH 0807
 Topography & Vegetation: Location fell in level crop field.
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From East off St. Hwy. 92.
 Distance & Direction: From Amber, OK, go South for ±2 miles on St. Hwy. 92 to the NE Corner of Section 36, T8N - R7W.

Well No.: 35-1-1W1

ELEVATION:

1226' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
 LAT: 35°07'49.4"N
 LONG: 97°53'00.6"W
 LAT: 35.130401424°N
 LONG: 97.883488004°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2034840
 Y: 654009

Revision ☒ A

303096 Date of Drawing: October 23, 2018

Invoice # 305006 Date Staked: October 19, 2018 RKM

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

