API NUMBER: 087 22277

Oil & Gas

Horizontal Hole

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

Approval Date: 11/20/2019
Expiration Date: 05/20/2021

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 9N Rge: 4W County: MCCLAIN

SPOT LOCATION: SE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 600 600

Lease Name: NATIVE RACER 3-0904 Well No: 1WH Well will be 600 feet from nearest unit or lease boundary.

Operator NATIVE EXPLORATION OPERATING LLC Telephone: 4058210568 OTC/OCC Number: 24070 0 Name:

NATIVE EXPLORATION OPERATING LLC

PO BOX 18108

OKLAHOMA CITY, OK 73154-0108

JUANITA GRIFFITH FAMILY TRUST

1544 SE 32ND

NEWCASTLE OK 73065

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

Name Depth Name Depth WOODFORD 1 8620 6 2 7 3 8 4 9 10 694092 Spacing Orders: Location Exception Orders: 700992 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 14987 Ground Elevation: 1229 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 1110

Deep surface casing has been approved

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 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: 19-37034

H. SEE MEMO

## 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 03 Twp 9N Rge 4W County MCCLAIN

Spot Location of End Point: NE NW NW NW Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9123
Radius of Turn: 550
Direction: 355

Total Length: 5000

Measured Total Depth: 14987

True Vertical Depth: 9600

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category Description

DEEP SURFACE CASING 10/9/2019 - GC2 - 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 10/9/2019 - GC2 - 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 - 700992 11/20/2019 - GC2 - (I.O.) 3-9N-4W

X694092 WDFD

COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL OR FWL

NATIVE EXPLORATION OPERATING, LLC

8-19-2019

MEMO 10/9/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - POND CREEK), PIT 2

- OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 694092 11/20/2019 - GC2 - (640)(HOR) 3-9N-4W

EXT 687011 WDFD, OTHERS

COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

087 22277 NATIVE RACER 3-0904 1WH

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 L5 API: 087-22277 McCLAIN County, Oklahoma 600'FNL - 600'FWL \_ Section \_\_\_\_10 \_\_ Township 4W\_1.M. 9N Range Township Line P TION-RAW T9N X 2114143 Y 712626 2119434 712648 BOTTOM HOLE 50'FNL-380'FWL 35'17'26.8" N 97'36'58.6" W 35.290770776' / 97.616268802' V X 2114523 Y 712578 X 2116789 Y 712637 LOT 4 LOT 3 LOT 2 LOT 1 GRID NAD-27 OK SOUTH US FEET Scale: = 1000 5/2-NW/4 S/2-NE/4 X 2114158 Y 709981 0 1000 3 X 2119446 Y 710011 Distance & Direction from Hwy Jct or Tov Best Topography Lease Operator: c (44) the NW Cor. Accessibility NATIVE EXPLORATION 80 NATIVE Vegetation Town 10 Location RACER LANDING POINT 150'FSL-380'FWL 35'16'36.5" N 97'36'58.5" W 35.276795074' N 97.616241093' W Yes 10-T9N-R4W From Loc. 3-0904 fell in the Jct OPERATING. 2114551 707491 West posture w/ 0 X 2116819 Y 707351 X 2119459 Y 707367 off 15 600 Reference S Stakes Set Hwy. LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. 2048 terraces 37 (44) Stakes o R 35 9 HWY Well 2043 Alternate 76 No.: 90 HWI Location ±1.0 10 3. X 2119467 Y 704724 X 2114183 Y 704695 South, ELEVATION: then 0 ±2.0 Stake 3 East X 2116832 Y 702074 X 2114195 Y 702054 X 2119474 Y 702083 THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES CHLY Date of Drawing; Feb. 12, 2019 Project # 123846 Date Staked: Dec. 18, 2018 DATUM: NAD-27 ESSIONAL LAT: \_35'16'29.0" N rece LONG: 97'36'55.8" W CERTIFICATE: d with a GPS foot Horiz,/Vert. LAT: \_35.274734703' N I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Tapographic Land Surveyors of Oklahoma, do hereby certify to the Thomas L. Howell THOMAS L LONG: 97.615501844" W STATE PLANE HOWELL 1433 COORDINATES (US FEET): information shown herein. This gred ±1 to ZONE: OK SOUTH 2114774 706741 Oklahoma Lic. No.