

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

API NUMBER: 087 22220 A

Approval Date: 02/26/2019

Expiration Date: 08/26/2020

Horizontal Hole
Oil & Gas
Multi Unit

Amend reason: SHL CHANGE DUE TO CITY ORDINANCES

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 9N Rge: 4W County: MCCLAIN

SPOT LOCATION: SE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 615 2085

Lease Name: CRAZY SNAKE 21-28-0904

Well No: 1WXH

Well will be 615 feet from nearest unit or lease boundary.

Operator
Name: NATIVE EXPLORATION OPERATING LLC

Telephone: 4058210568

OTC/OCC Number: 24070 0

NATIVE EXPLORATION OPERATING LLC
PO BOX 18108
OKLAHOMA CITY, OK 73154-0108

BOBBY & CONNIE LEE FARMS TRUST
1822 HWY 130
NEWCASTLE OK 73065

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

Name	Depth	Name	Depth
1 WOODFORD	9180	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 681230

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807431
201807432
201807433
201810586

Special Orders:

Total Depth: 19662

Ground Elevation: 1263

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 1040

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)
H. SEE MEMO

PERMIT NO: 19-36161

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 28 Twp 9N Rge 4W County MCCLAIN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 8453

Radius of Turn: 534

Direction: 178

Total Length: 10370

Measured Total Depth: 19662

True Vertical Depth: 9180

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

Notes:

Category

Description

DEEP SURFACE CASING

1/25/2019 - 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

1/25/2019 - 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

MEMO

1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201804543

2/25/2019 - G58 - (E.O.)(640)(HOR) 21-9N-4W
VAC OTHER
EST WDFD, OTHER
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
EOG RESOURCES, INC.
REC 10-23-2018 (MILLER)

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.

087 22220 CRAZY SNAKE 21-28-0904 1WXH

Category	Description
PENDING CD - 201807431	2/25/2019 - G58 - (E.O.)(640)(HOR) 21-9N-4W VAC OTHER EXT 681230 WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL NATIVE EXPLOR. OP., LLC REC 10-23-2018 (MILLER)
PENDING CD - 201807432	2/25/2019 - G58 - (E.O.) 28-21-9N-4W EST MULTIUNIT HORIZONTAL WELL X201807431 WDFD X681230 WDFD 50% 28-9N-4W 50% 21-9N-4W NO OP. NAMED REC 2/4/2019 (M. NORRIS)
PENDING CD - 201807433	2/25/2019 - G58 - (E.O.) 28 & 21-9N-4W X201807431 WDFD, OTHERS X681230 WDFD, OTHERS COMPL. INT. 28-9N-4W NCT 150' FSL, NCT 0' FNL, NCT 250' FWL COMPL. INT. 21-9N-4W NCT 0' FSL, NCT 150' FNL, NCT 250' FWL NO OP. NAMED REC 2/4/2019 (M. NORRIS)
PENDING CD - 201810586	2/26/2019 - G58 - 21-9N-4W X201807431 WDFD 7 WELLS NO OP. NAMED 2/4/2019
SPACING - 681230	2/25/2019 - G58 - (640)(HOR) 28-9N-4W VAC OTHERS EST WDFD, OTHERS POE TO BHL 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 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, OK. 73134 *LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS
McCLAIN County, Oklahoma

McCLAIN County, Oklahoma
615'FNL-2085'FEL Section 21 Township 9N Range 4W I.M.



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

Operator: NATIVE EXPLORATION OPERATING, LLC
Lease Name: CRAZY SNAKE 21-28-0904

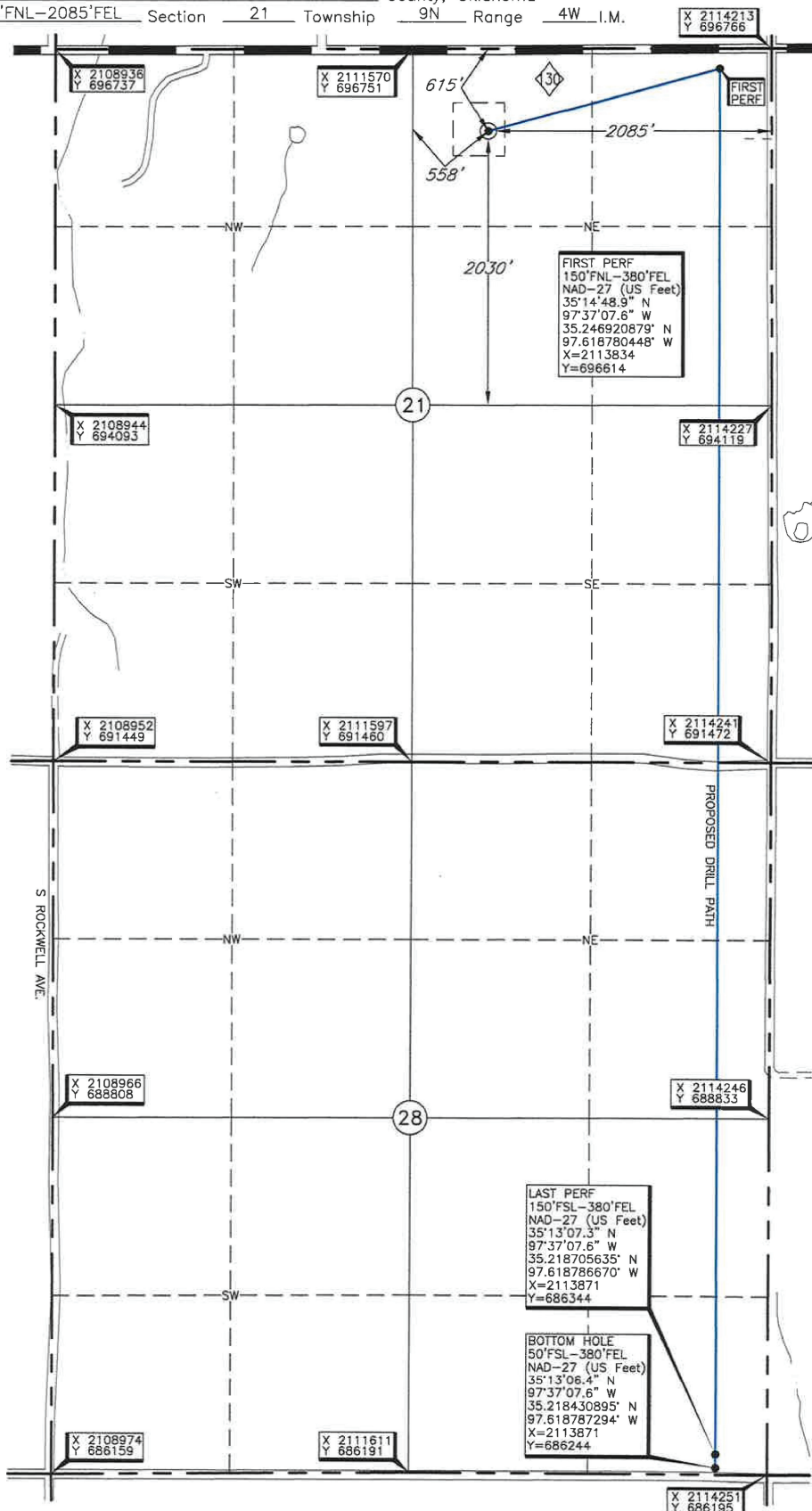
Well No.: 1WXH

ELEVATION:

like

Best Accessibility to Location From North off St. Hwy. 130
Distance & Direction From Newcastle, OK, go ± 1.0 mi. West to the NE Cor. of Sec. 21 - T9N - R4W
from Hwy Jct or Town

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Revision ☒ A Date of Drawing: March 05, 2019
Project # 123799 Date Staked: March 14, 2019

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

Oklahoma Lic. No. 1433

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

DATUM: NAD-27
LAT: 35°14'44.3" N
LONG: 97°37'28.2" W
LAT: 35.24364076° N
LONG: 97.624489103° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2112131
Y: 696139

