

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

API NUMBER: 087 22222 B

Approval Date: 02/28/2019
Expiration Date: 08/28/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: SHL MOVE DUE TO CITY ORDINANCES

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 9N Rge: 4W County: MCCLAIN
SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2290 1725

Lease Name: RED ELK 9-16-0904 Well No: 1WXH Well will be 1700 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

CASTLE FAMILY TRUST
2405 SW 124TH ST
OKLAHOMA CITY OK 73170

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

Name	Depth	Name	Depth
1 WOODFORD	8819	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 690442
682225

Location Exception Orders:

Increased Density Orders: 691975
692135

Pending CD Numbers: 201804318
201804319

Special Orders:

Total Depth: 17034 Ground Elevation: 1238 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 1060

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36160
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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 16 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: 8233

Radius of Turn: 610

Direction: 170

Total Length: 7843

Measured Total Depth: 17034

True Vertical Depth: 8819

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

INCREASED DENSITY - 691975

2/28/2019 - G58 - 9-9N-4W
X687011 WDFD
15 WELLS
NATIVE EXPLORATION OPERATING, LLC
2/25/2019

INCREASED DENSITY - 692135

2/28/2019 - G58 - 16-9N-4W
X682225 WDFD
1 WELL
NATIVE EXPLORATION OPERATING, LLC
2/27/2019

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 22222 RED ELK 9-16-0904 1WXH

Category	Description
MEMO	1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - POND CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201804318	2/28/2019 - G58 - (I.O.) 9 & 16-9N-4W EST MULTIUNIT HORIZONTAL WELL X690422 WDFD, OTHERS X201804317** WDFD, OTHERS 50% 9-9N-4W 50% 16-9N-4W NO OP. NAMED REC 2/4/2019 (M. NORRIS)
PENDING CD - 201804319	**SP ORDER HAS BEEN CONSOLIDATED WILL BE CORRECTED TO CORRECT SP ORDER 2/28/2019 - G58 - (I.O.) 9 & 16-9N-4W X690422 WDFD, OTHERS X201804317** WDFD, OTHERS COMPL. INT. 9-9N-4W NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. 16-9N-4W NCT 0' FNL, NCT 150' FSL, NCT 330' FWL NO OP. NAMED REC 2/4/2019 (M. NORRIS)
SPACING - 682225	**SP ORDER HAS BEEN CONSOLIDATED WILL BE CORRECTED TO CORRECT SP. ORDER 2/28/2019 - G58 - (640)(HOR) 16-9N-4W VAC OTHERS EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 690442	2/28/2019 - G58 - (640)(HOR) 9-9N-4W VAC OTHERS EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPUD DATE	3/20/2019 - LRDTM8 - THE ANTICIPATED SPUD DATE OF THIS LOCATION IS 5/27/19.

087-22222B

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

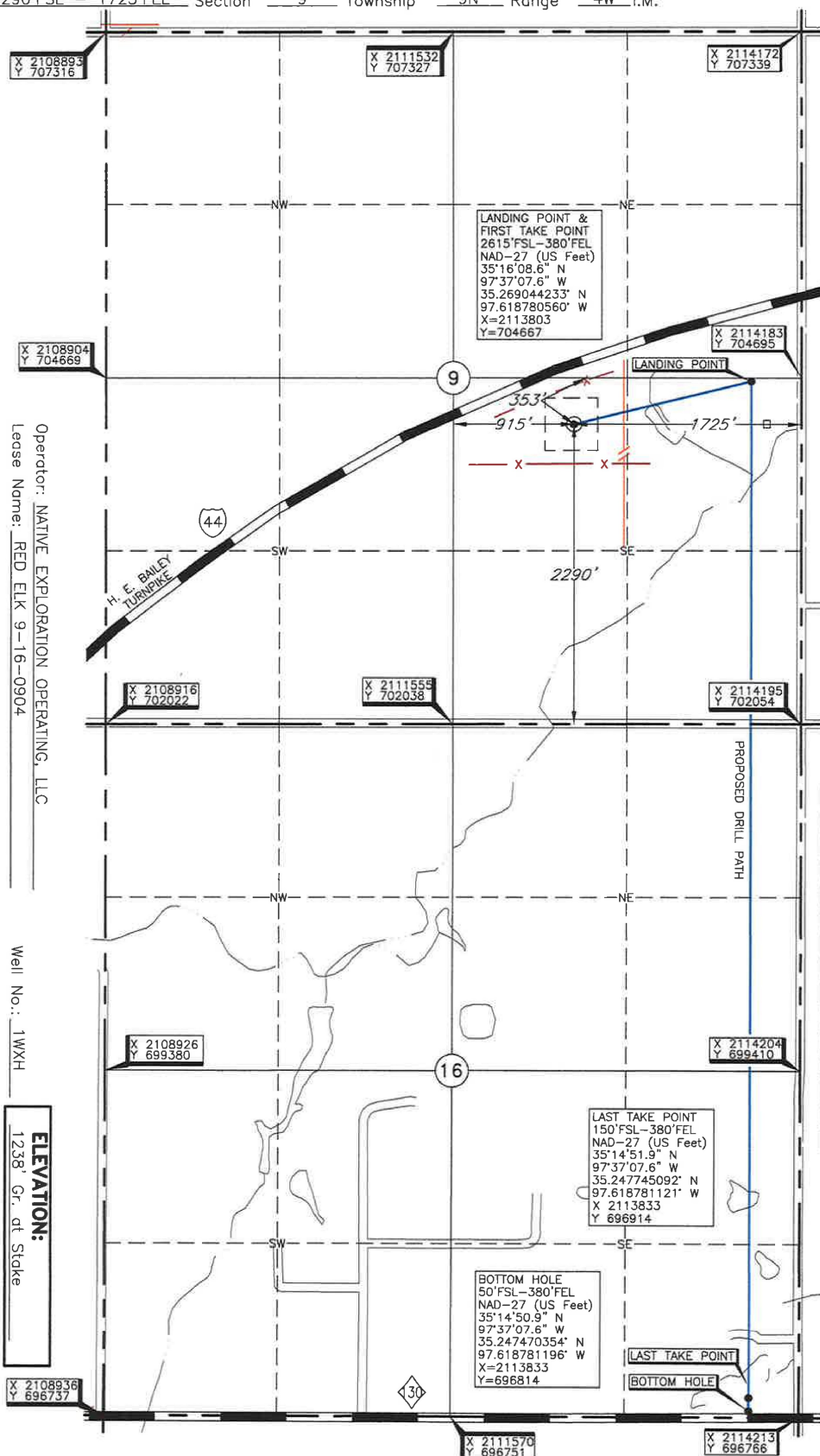
County, Oklahoma

2290' FSL - 1725' FEL Section 9 Township 9N Range 4W I.M.



Operator: NATIVE EXPLORATION OPERATING, LLC
 Lease Name: RED ELK 9-16-0904
 Topography & Vegetation Loc. fell in pasture with terraces, possible pipeline to the East
 Good Drill Site? Yes
 Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From East off county road
 Distance & Direction From Jct. St. Hwy. 37 and St. Hwy. 76., go ± 1.0 mi. South, then ± 2.0 mi. East, then ± 0.5 mi. South to the E/4 Cor. of Sec. 9-T9N-R4W

Well No.: 1WXXH
 ELEVATION:
 1238' Gr. at Stake



LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION
 PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ B

Date of Drawing: March 05, 2019

Project # 124368A Date Staked: March 19, 2019

KH

CERTIFICATE:

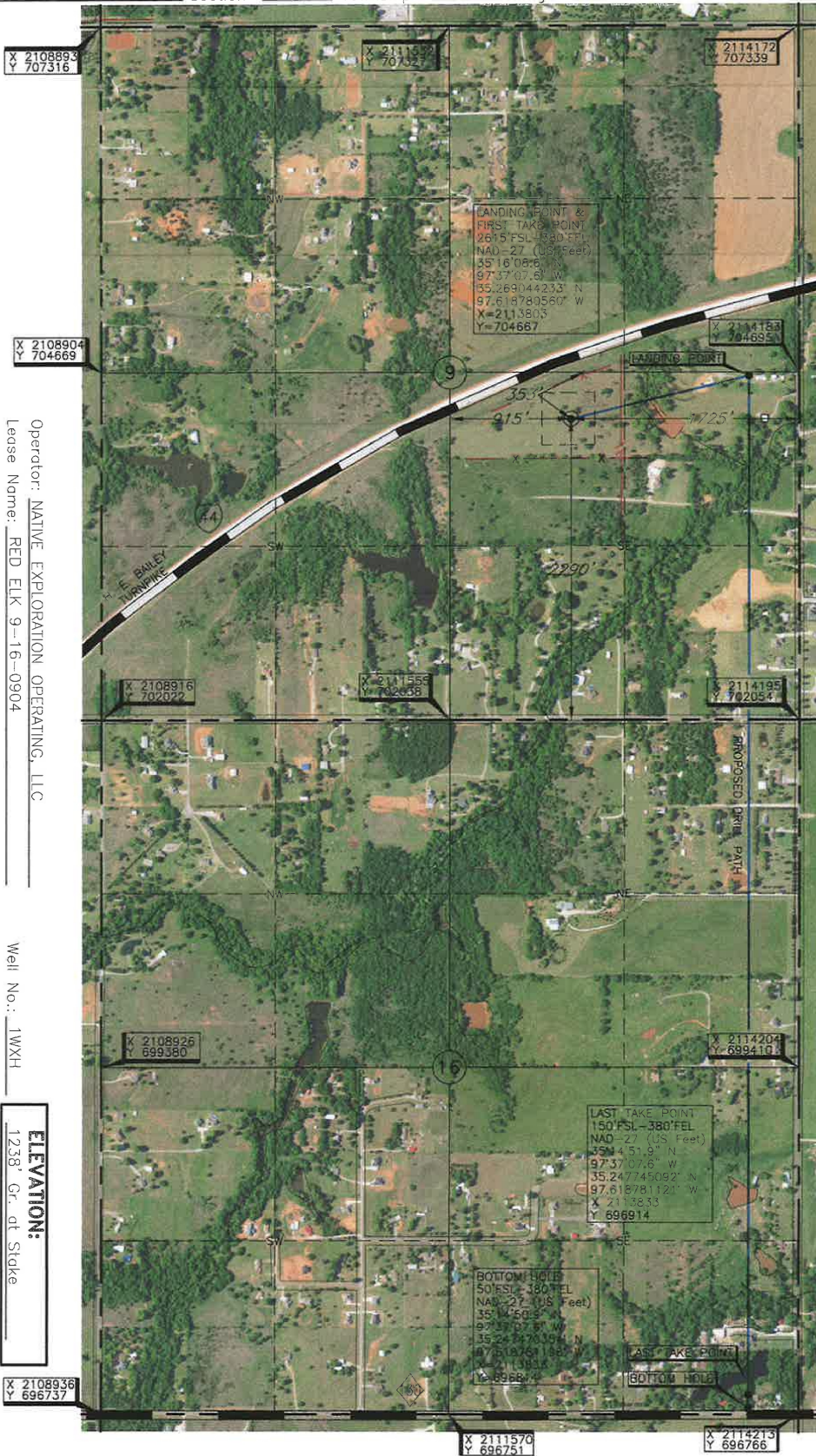
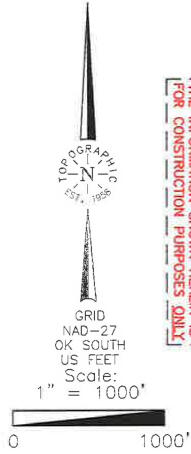
I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
 Oklahoma Lic. No. 1433



DATUM: NAD-27
 LAT: 35°16'05.3" N
 LONG: 97°37'23.8" W
 LAT: 35.268142201° N
 LONG: 97.623285460° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2112460
 Y: 704333

McCLAIN County, Oklahoma
2290' FSL - 1725' FEL Section 9 Township 9N Range 4W I.M.



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ELEVATION: 1238' Gr. at Stake

DATUM: NAD-27
LAT: 35°16'05.3" N
LONG: 97°37'23.8" W
LAT: 35°26'14.2201" N
LONG: 97°37'23.8" W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2112460
Y: 704333

Revision ☒ B Date of Drawing: March 05, 2019
Project # 124368A Date Staked: March 19, 2019 KH

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

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