

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

API NUMBER: 087 22198 B

Approval Date: 12/11/2018  
Expiration Date: 06/11/2020

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: UPDATE SHL, BHL & ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 7N Rge: 4W County: MCCLAIN  
SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 350 540

Lease Name: MEDICINE ARROWS 2-35-0704 Well No: 1WXH Well will be 350 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

CHARLES M GRAY  
328 W ADAMS  
PURCELL OK 73080

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9415	6	
2	WOODFORD	9600	7	
3			8	
4			9	
5			10	

Spacing Orders: 672572  
693398  
689803

Location Exception Orders: 695194

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18000 Ground Elevation: 1183

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 350

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: 18-34061

H. SEE MEMO

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.

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 35 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: SE SW SW NW

Feet From: NORTH 1/4 Section Line: 2558

Feet From: WEST 1/4 Section Line: 363

Depth of Deviation: 9379

Radius of Turn: 663

Direction: 359

Total Length: 7580

Measured Total Depth: 18000

True Vertical Depth: 9602

End Point Location from Lease,  
Unit, or Property Line: 363

Notes:

Category

Description

DEEP SURFACE CASING

12/6/2018 - 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

12/6/2018 - G71 - 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](http://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](http://FRACFOCUS.ORG)

LOCATION EXCEPTION - 695194

11/20/2019 - G56 - (I.O.) 35-8N-4W, 2-7N-4W  
X689803 MSSP, WDFD 35-8N-4W  
X672572 MSSP, WDFD 2-7N-4W  
X165:10-3-28(C)(2)(B) MSSP, WDFD  
MAY BE CLOSER THAN 600' TO EXISTING AND/OR PROPOSED WELLS  
COMPL INT (2-7N-4W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL  
COMPL INT (35-8N-4W) NCT 1320' FNL, NCT 0' FSL, NCT 330' FWL  
NATIVE EXPLORATION OPERATING, LLC  
4/25/2019

MEMO

12/6/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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 22198 MEDICINE ARROWS 2-35-0704  
1WXH

SPACING - 672572	11/20/2019 - G56 - (640)(HOR) 2-7N-4W EST MSSP, WDFD COMPL INT (MSSP) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 689803	11/20/2019 - G56 - (640)(HOR) 35-8N-4W EXT 665488 MSSP, WDFD COMPL INT (MSSP) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
SPACING - 693398	11/20/2019 - G56 - (I.O.) 35-8N-4W, 2-7N-4W ESTABLISH MULTIUNIT HORIZONTAL WELL X689803 MSSP, WDFD 35-8N-4W X672572 MSSP, WDFD 2-7N-4W (MSSP IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 67% 2-7N-4W 33% 35-8N-4W NO OP NAMED 3/25/2019

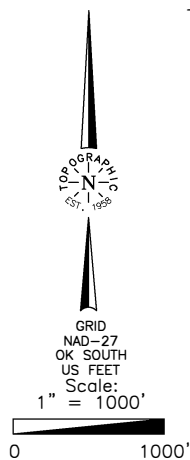
087-22198B

**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

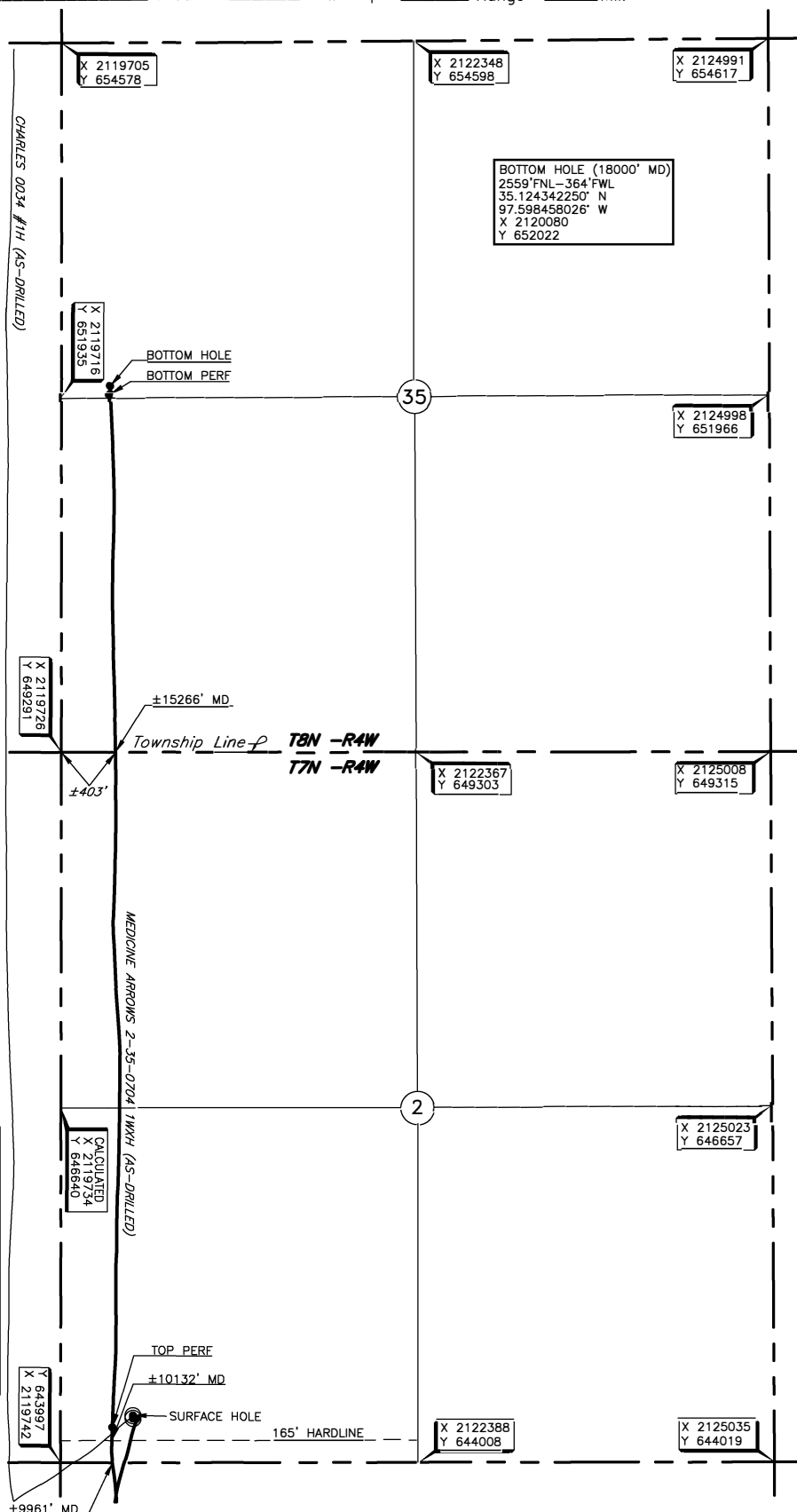
MCCLAIN

County, Oklahoma

350'FSL - 540'FWL Section 2 Township 7N Range 4W I.M.



Operator: NATIVE EXPLORATION OPERATING, LLC  
 Lease Name: MEDICINE ARROWS 2-35-0704  
 Topography & Vegetation Conductor on level pad  
 Good Drill Site? Yes  
 Best Accessibility to Location From county road south of well location.  
 Distance & Direction From the jct. of St. Hwy. 76 & St. Hwy. 74B, south of Blanchard, OK., go east on St. Hwy. 74B for ±3.0 miles to the Southwest Corner of Section 2, T7N-R4W.  
 Reference Stakes or Alternate Location  
 Stakes Set None  
 Well No.: 1WXH  
**ELEVATION:**  
 1183' Gr. of Level Pad



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

DATUM: NAD-27  
 LAT: 35°06'11.7" N  
 LONG: 97°35'52.4" W  
 LAT: 35.103260544° N  
 LONG: 97.597887099° W  
 STATE PLANE  
 COORDINATES (US FEET):  
 ZONE: OK SOUTH  
 X: 2120281  
 Y: 644350

Project # 126632 Date of Drawing: May 17, 2019  
 Date Staked: Dec. 04, 2018 ST

**FINAL AS-DRILLED PLAT**

AS-DRILLED INFORMATION  
 FURNISHED BY NATIVE EXPLORATION OPERATING, LLC