

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

API NUMBER: 123 23892

Approval Date: 10/20/2020
Expiration Date: 04/20/2022

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 2N Range: 7E County: PONTOTOC

SPOT LOCATION: C NW SW NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 330

Lease Name: INBETWEEN Well No: 2 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: ARROW ENERGY INC Telephone: 5804364820 OTC/OCC Number: 21422 0

ARROW ENERGY INC
PO BOX 1547
ADA, OK 74821-1547

JOHNY DANIEL
NOLA DANIEL
P.O. BOX 81
STONEWALL OK 74871

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

Name	Code	Depth
1 VIOLA	202VIOL	4200

Spacing Orders: 523797

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 4500

Ground Elevation: 720

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 130

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: Yes
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 20-37417

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED - CLEAR
BOGGY CREEK AND UPPER CLEAR BOGGY CREEK)

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

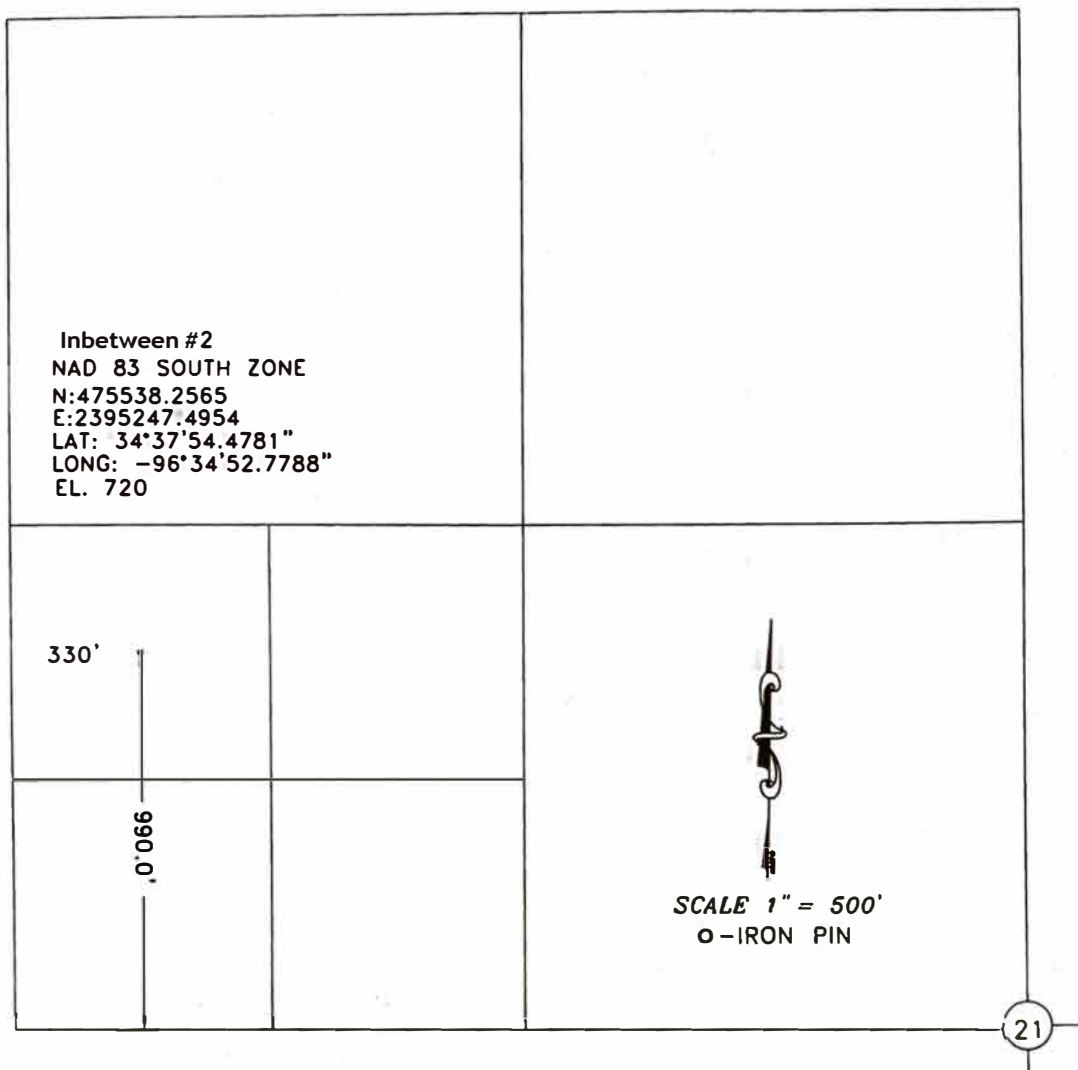
NOTES:

Category	Description
HYDRAULIC FRACTURING	[10/8/2020 - 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

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.

SPACING - 523797	10/20/2020 - G56 - (40) W2 NW4 21-2N-7E EST VIOL, OTHERS
SURFACE CASING	[10/8/2020 - GC2] - MIN. 500' PER ORDER 10568

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.



C E R T I F I C A T E

I, Kevin Guinn, registered land surveyor in the State of Oklahoma, hereby certify that the above plat is a true and correct representation of the survey made of the following described property.
I further certify that this plat and the survey on which it is based meets or exceeds the Oklahoma Minimum Standards for the practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

WELL LOCATION

The NW/4 of the SW/4 of the NW/4 of Section 21, Township 2 North, Range 7 East, Pontotoc County, Oklahoma.

WELL Name

Inbetween #2



Kevin Guinn L.S.1449 CA 2098 (LS)
Date of Signature 10/20/20

CENTRAL LAND SURVEYING, P.C.

P.O. Box 1581 Ada, Okla. 74821 Phone (580)436-3455
CERTIFICATE OF AUTHORIZATION NO. CA 2098 (EXP. 06/30/22) SURVEYING, P.C.

For: **ARROW ENERGY**

Drawn by: **K Guinn**

Checked by: **R. Guinn**

Date: **10/20/2020**

Book No: **430**

Job No: **2577**

Sheet **1** of **1**