

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

API NUMBER: 137 27530 A

Approval Date: 09/02/2021

Expiration Date: 03/02/2023

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 3S Range: 5W County: STEPHENS

SPOT LOCATION: C SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 330 1650

Lease Name: BROWN Well No: 81 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: BANNER OIL & GAS LLC Telephone: 4058822456 OTC/OCC Number: 22792 0

BANNER OIL & GAS LLC
10011 S PENNSYLVANIA AVE
OKLAHOMA CITY, OK 73159-6905

ROBERT JOHNSON
186671 N 2980 ROAD
LOCO OK 73442

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

Name	Code	Depth
1 LOCO	405LOCO	910

Spacing Orders: **No Spacing**

Location Exception Orders: **No Exceptions**

Increased Density Orders: **No Density**

Pending CD Numbers: **No Pending**

Working interest owners' notified: ***

Special Orders: **No Special**

Total Depth: 1125

Ground Elevation: 946

Surface Casing: 160

Depth to base of Treatable Water-Bearing FM: 90

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

Approved Method for disposal of Drilling Fluids:	
A. Evaporation/dewater and backfilling of reserve pit.	
E. Haul to Commercial pit facility	Sec. 2 Twn. 6S Rng. 4W Cnty. 67 Order No: 587652
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

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: BED AQUIFER
Pit Location Formation: WELLINGTON

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	<p>[8/24/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
SPACING	[9/1/2021 - G56] - LOCO UNSPACED; 60-ACRE LEASE (SW4 SE4, E2 SE4 SW4)

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.

WELL LOCATION

BROWN #81
 BANNER OIL & GAS, LLC.
 SECTION 11, TOWNSHIP 3S, RANGE 5W, I.M.
 STEPHENS COUNTY, OKLAHOMA

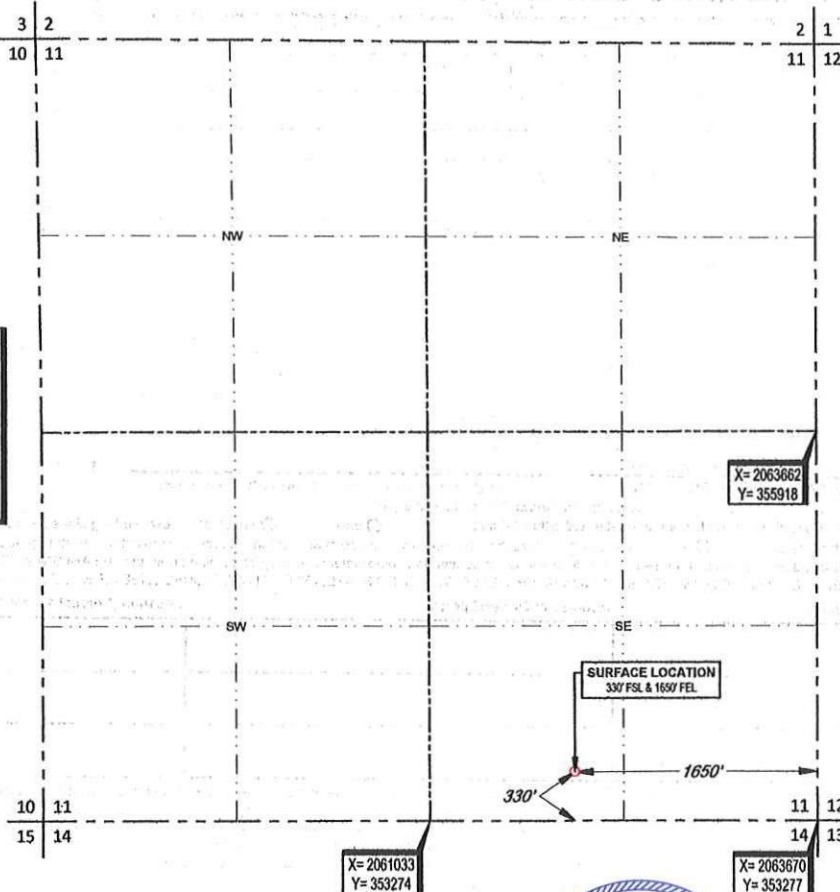
LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- 16TH LINE

SCALE: 1" = 1000'
 0' 500' 1000'



GRID
 NAD-83
 OK SOUTH
 US FEET



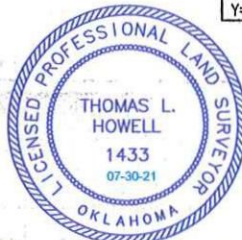
SURFACE LOCATION
 330' FSL & 1650' FEL
 NAD-83
 X= 2062019
 Y= 353605
 LAT.: 34°18'16.5" N
 LONG.: 97°41'25.2" W
 LAT.: 34.304594° N
 LONG.: 97.690331° W
 ELEV.: 946'

SURFACE LOCATION
 330' FSL & 1650' FEL

X= 2063662
 Y= 355918

X= 2061033
 Y= 353274

X= 2063670
 Y= 353277



SURVEYOR'S CERTIFICATE:
 I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

Thomas L. Howell
 Thomas L. Howell, P.L.S. No. 1433
 Authorized Agent of Topographic Land Surveyors

TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 13000 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
 TELEPHONE: (405) 943-0847 OR (800) 654-3219
 CERTIFICATE OF AUTHORIZATION NO. 1292 LS
 WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. BROWN #81
 SECTION 11 TWP 3S RGE 5W MERIDIAN I.M.
 COUNTY STEPHENS STATE OKLAHOMA
 DESCRIPTION 330' FSL & 1650' FEL

BROWN #81	REVISION:	
DATE: 07/29/2021	INT	DATE
FILE LO_BROWN_#81		
DRAWN BY: KEU		
SHEET: 1 OF 2		

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, SOUTH ZONE, HAD 83 - HORIZONTAL AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY BANNER OIL & GAS, LLC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY