

API NUMBER: 037 29490

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

Approval Date: 05/13/2022

Expiration Date: 11/13/2023

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 14N Range: 9E County: CREEK

SPOT LOCATION: C NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 660 660

Lease Name: STANDING BEAR

Well No: 4-1

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: BARDEN/BASS OIL & GAS EXPLORATION

Telephone: 9725631496

OTC/OCC Number: 24488 0

BARDEN/BASS OIL & GAS EXPLORATION COMPANY INC
201A W MOORE AVE STE D
TERRELL, TX 75160-3143

GRACE M ROOT REVOCABLE TRUST
30 S MEADOWHILL DRIVE
BRISTOW OK 74010

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

	Name	Code	Depth
1	LAYTON	405LYTN	1300
2	SKINNER	404SKNR	2325
3	RED FORK	404RDFK	2550
4	BARTLESVILLE	404BRVL	2750
5	DUTCHER	403DTCR	3100

	Name	Code	Depth
6	VIOLA	202VIOL	3740
7	WILCOX	202WLCX	3780

Spacing Orders: 721669

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: 4000

Ground Elevation: 825

Surface Casing: 730

Depth to base of Treatable Water-Bearing FM: 680

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.

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is: BED AQUIFER

Pit Location Formation: CHANUTE

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>[3/25/2022 - 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 - 721669	<p>[5/13/2022 - G56] - (160) N2 4-14N-9E EST LYTN, SKNR, RDFK, BRVL, DTCR, VIOL, WILCOX</p>

WELL LOCATION

STANDING BEAR 4-1
BARDEN BASS OIL & GAS EXPLORATION COMPANY INC
SECTION 4, TOWNSHIP 14N, RANGE 9E, I.M.
CREEK COUNTY, OKLAHOMA

LEGEND

--- SECTION LINE
--- QUARTER SECTION LINE
--- 16TH LINE
--- TOWNSHIP/RANGE LINE



SCALE: 1" = 1000'

0' 500' 1000'

X= 2452476
Y= 268462

X= 2455113
Y= 268487

X= 2457754
Y= 268512

SURFACE LOCATION
660' FNL & 660' FWL
NAD-83
X= 2453142
Y= 267808
LAT.: 35°43'28.2" N
LONG.: 96°22'01.9" W
LAT.: 35.724505° N
LONG.: 96.367197° W
ELEV.: 825'

SURFACE LOCATION
660' FNL & 660' FWL

X= 2452502
Y= 265806

X= 2457778
Y= 265873

X= 2452528
Y= 263166

X= 2457802
Y= 263237



SURVEYOR'S CERTIFICATE:

I, DAN W. ROGERS, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 843-0975

CERTIFICATE OF AUTHORIZATION NO. 1292 L.S.
WWW.TOPOGRAPHIC.COM

Dan W. Rogers
Dan W. Rogers, P.L.S. No. 1200
Authorized Agent of Topographic, Co

LEASE NAME & WELL NO. STANDING BEAR 4-1

SECTION 4 TWP 14N RGE 9E MERIDIAN I.M.
COUNTY CREEK STATE OKLAHOMA
DESCRIPTION 660' FNL & 660' FWL

STANDING BEAR 4-1

REVISION:

INT DATE

DATE: 03/17/2022

FILE: I.O. STANDING BEAR 4-1

DRAWN BY: EAH

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, NORTH ZONE, NAD 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 BARDEN BASS OIL & GAS EXPLORATION COMPANY INC. 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. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY