

API NUMBER: 087 22347

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

Approval Date: 04/11/2022
Expiration Date: 10/11/2023

Directional Hole Injection

PERMIT TO DRILL

WELL LOCATION: Section: 34 Township: 8N Range: 3W County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2120 1685

Lease Name: WEST GOLDSBY OSBORN UNIT Well No: T-13-3 WIW Well will be 1685 feet from nearest unit or lease boundary.
Operator Name: TWISTED OAK OPERATING LLC Telephone: 4056051287 OTC/OCC Number: 22261 0

TWISTED OAK OPERATING LLC
700 NW 5TH ST
OKLAHOMA CITY, OK 73102-1604

REBECCA LEE BOUSE, TRUSTEE OF THE LARRY DALE ARMS
TRUST DATED OCT. 28, 2019
1668 HIGH RIDGE DR.
BLANCHARD OK 73010

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

Name	Code	Depth
1 OSBORN	404OSBR	9100

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: 9450

Ground Elevation: 1242

Surface Casing: 900

Depth to base of Treatable Water-Bearing FM: 110

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38146

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: DUNCAN

DIRECTIONAL HOLE 1

Section: 34 Township: 8N Range: 3W Meridian: IM
County: MCCLAIN

Measured Total Depth: 9463

Spot Location of End Point: NW NE NW SE

True Vertical Depth: 9450

Feet From: SOUTH 1/4 Section Line: 2517

End Point Location from

Feet From: EAST 1/4 Section Line: 1794

Lease, Unit, or Property Line: 1685

NOTES:

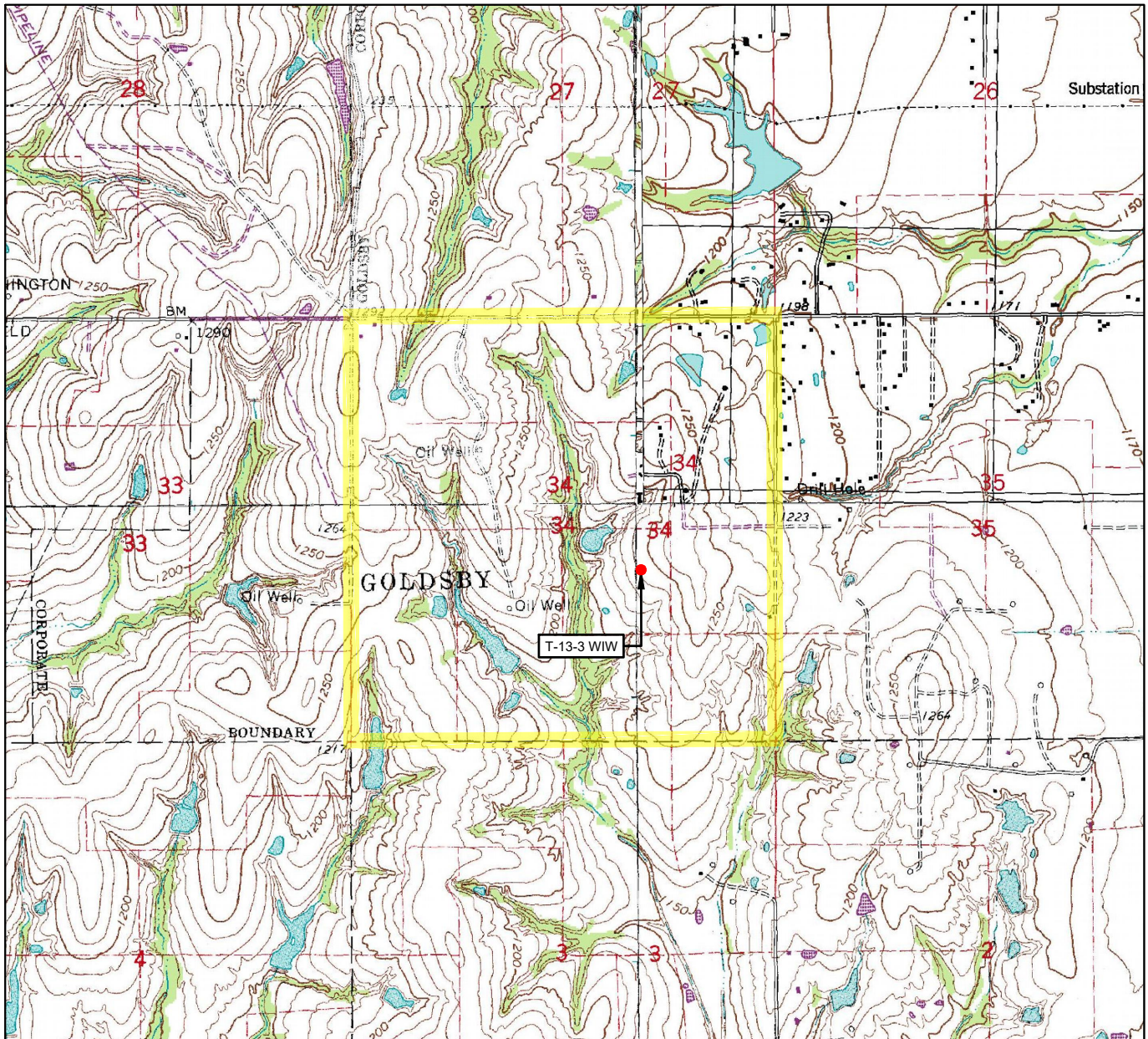
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
DEEP SURFACE CASING	[4/4/2022 - GC2] - 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	<p>[4/4/2022 - 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	[4/11/2022 - GC2] - N/A - DISPOSAL WELL

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O:\SURVEY\BTE ENERGY LLC\WEST GOLDSBY UNIT\FINAL PRODUCTS\SILO T-13-3.WIW.DWG 3/2/2022 2:02:12 PM chris christian

LOCATION & ELEVATION VERIFICATION MAP



WEST GOLDSBY OSBORN UNIT

LEASE NAME & WELL NO. T-13-3 WIW

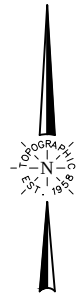
SECTION 34 TWP 8N RGE 3W MERIDIAN I.M.

COUNTY MCCLAIN STATE OKLAHOMA

DESCRIPTION 2120' FSL & 1685' FEL

ELEV.: 1242' (NGVD29)

ELEV.: 1242' (NAVD88)



SCALE: 1" = 2000'
0' 1000' 2000'

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY BTE ENERGY LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134

TELEPHONE: (405) 843-4847 OR (800) 654-3219

FAX: (405) 843-0975

CERTIFICATE OF AUTHORIZATION NO. 1292 LS

WWW.TOPOGRAPHIC.COM

VICINITY MAP



WEST GOLDSBY OSBORN UNIT

LEASE NAME & WELL NO. T-13-3 WIW

SECTION 34 TWP 8N RGE 3W MERIDIAN I.M.

COUNTY MCCLAIN STATE OKLAHOMA

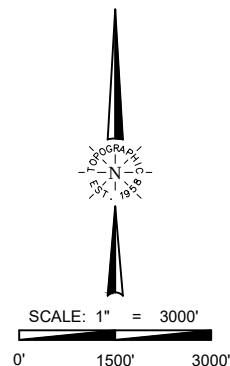
DESCRIPTION 2120' FSL & 1685' FEL

DISTANCE & DIRECTION

FROM THE JCT OF S. MAIN ST. AND E LADD RD. IN GOLDSBY
OKLAHOMA, TAKE S MAIN AVE NORTH FOR ONE MILE TO
W.CHESTNUT ROAD. TURN WEST ON W. CHESTNUT AND FOLLOW
FOR ONE MILE TO THE NORTHEAST CORNER OF SECTION 34-8N-3W
MCCLAIN CO.

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