

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

API NUMBER: 139 24640

Approval Date: 08/17/2021
Expiration Date: 02/17/2023

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 3N Range: 18EC County: TEXAS

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 166 2145

Lease Name: NE HARDESTY UNIT Well No: 20-2R Well will be 166 feet from nearest unit or lease boundary.
Operator Name: BREITBURN OPERATING LP Telephone: 7134378000 OTC/OCC Number: 23249 0

BREITBURN OPERATING LP
1111 BAGBY ST STE 1600
HOUSTON, TX 77002-2547

BLASER FARMS
P.O. BOX 41D
TYRONE OK 73951

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

Name	Code	Depth
1 MORROW SAND UP	402MWSDU	6300

Spacing Orders: 86116

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: 6500

Ground Elevation: 2861

Surface Casing: 1530

Depth to base of Treatable Water-Bearing FM: 570

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: 21-37728

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: 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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: PLEISTOCENE

NOTES:

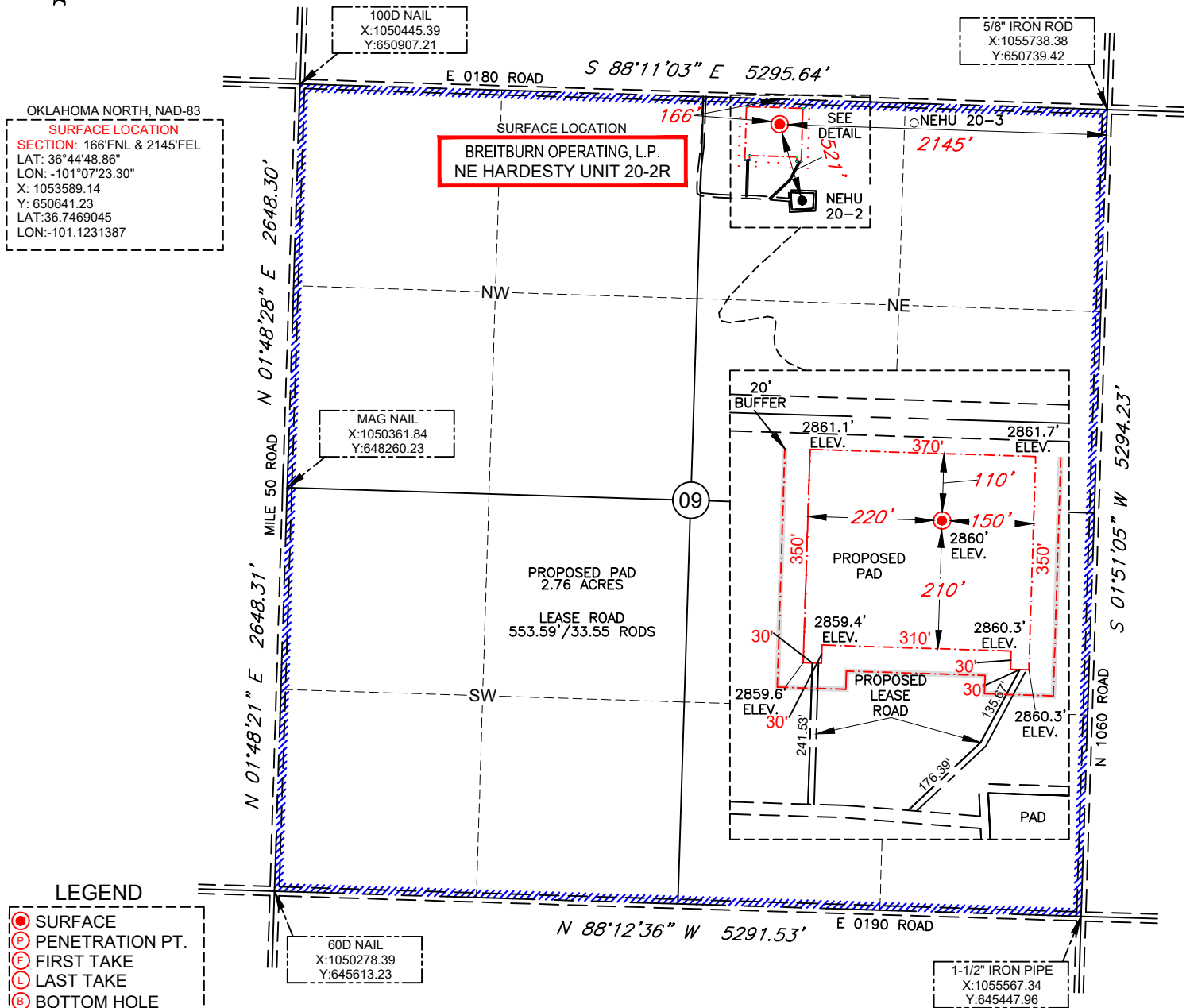
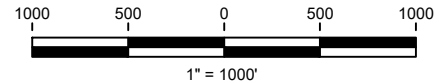
Category	Description
DEEP SURFACE CASING	[8/16/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

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.

HYDRAULIC FRACTURING	<p>[8/16/2021 - 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 - 86116	<p>[8/17/2021 - G56] - (UNIT) 9-3N-18ECM EST NORTHEAST HARDESTY UNIT FOR MWSDU</p>

WELL LOCATION PLAT

COMPANY: BREITBURN OPERATING, L.P. LEASE NAME: NE HARDESTY UNIT 20-2R
 SECTION: 09 TOWNSHIP: T-03-N RANGE: R-18-E FOOTAGES: 166'FNL & 2145'FEL
 COUNTY: TEXAS STATE: OK
 LATITUDE: 36°44'48.86" LONGITUDE: -101°07'23.30" ELEVATION: 2861'GR
 DIRECTION: ±3 MILE SOUTHWEST OF ADAMS, OK
 TOPOGRAPHY & VEGETATION: PLOWED FIELD
 BEST ACCESSIBILITY: FROM E.0108 ROAD TO THE NORTH



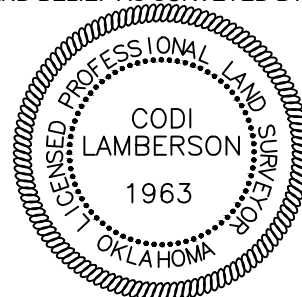
LEGEND

- SURFACE
- PENETRATION PT.
- FIRST TAKE
- LAST TAKE
- BOTTOM HOLE
- EXISTING WELLS
- PROPOSED WELLS
- ▬ LEASE LINE

I, CODI LAMBERSON, HEREBY STATE THAT THE LOCATION PLAT SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED BY ME OR UNDER MY SUPERVISION.

Codi Lamberson
 07/30/2021

CODI LAMBERSON, P.L.S. 1963
 SURVEYED ON THE GROUND: JULY 1, 2021



FILE: ORFS-8500-289

DATE: 7-9-21

SURVEYED BY: B.A.

DRAWN BY: R.R.

CHECKED BY: C.L.

REVISION:

NO.	DATE	DESCRIPTION
2	KW	CHANGE NAME



FIELD SERVICES, LLC.

(CA-7824 LS 2023)

1503 S. BARNES, PAMPA, TX 79065

O: 806.665.0770

39350 IH-10 WEST, BOERNE, TX 78006

O: 830.816.5009

NOTE:
 BEARINGS, DISTANCES & COORDINATES BASED ON OKLAHOMA STATE
 PLANE COORDINATE SYSTEM
 GPS OBSERVATION, OK NORTH ZONE, NAD-83
 GRID, US SURVEY FEET