

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

API NUMBER: 011 24254

Approval Date: 03/09/2021
Expiration Date: 09/09/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 15N Range: 10W County: BLAINE

SPOT LOCATION: NW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 410 2629

Lease Name: BRADFORD 23_14-15N-10W Well No: 2HX Well will be 410 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611; 4052353611; OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102-5015

THOMAS F. COFFEY
PO BOX 337
OKARCHE OK 73762

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

Name	Code	Depth
1 MISSISSIPPI SOLID	351MSSSD	10230
2 WOODFORD	319WDFD	10915

Spacing Orders: 176175 Location Exception Orders: 716763 Increased Density Orders: 716731
640112 716730
588547 716729
588576
716759

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 21172 Ground Elevation: 1458 Surface Casing: 600 Depth to base of Treatable Water-Bearing FM: 180

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: 21-37547
H. (Other) SEE MEMO

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: DOG CREEK

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 200000
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: DOG CREEK

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.

MULTI UNIT HOLE 1

Section: 11 Township: 15N Range: 10W Meridian: IM Total Length: 10270
 County: BLAINE Measured Total Depth: 21172
 Spot Location of End Point: NW SW SE NW True Vertical Depth: 11000
 Feet From: **SOUTH** 1/4 Section Line: 515 End Point Location from
 Feet From: **WEST** 1/4 Section Line: 1324 Lease,Unit, or Property Line: 515

Additional Surface Owner(s)	Address	City, State, Zip
JEROME J. COFFEY	PO BOX 113	OKARCHE, OK 73762
JEROME J. COFFEY	PO BOX 113	OKARCHE, OK 73762
JEROME J. COFFEY	PO BOX 113	OKARCHE, OK 73762
JEROME J. COFFEY	PO BOX 113	OKARCHE, OK 73762
JEROME J. COFFEY	PO BOX 113	OKLAHOMA CITY, OK 73104
JEROME J. COFFEY	PO BOX 113	OKARCHE, OK 73762

NOTES:

Category	Description
DEEP SURFACE CASING	[3/2/2021 - 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
HYDRAULIC FRACTURING	[3/2/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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 6000NH shall be used and is found at this link: OCCWEB.COM/OG/OGFORMS.HTML ; AND, 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
INCREASED DENSITY - 716729	[3/3/2021 - GC2] - 11-15N-10W X176175 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 2-3-2021
INCREASED DENSITY - 716730	[3/3/2021 - GC2] - 14-15N-10W X176175 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 2-3-2021
INCREASED DENSITY - 716731	[3/3/2021 - GC2] - 23-15N-10W X588576 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 2-3-2021
INTERMEDIATE CASING	[3/3/2021 - GC2] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

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.

LOCATION EXCEPTION - 716763 (202002125)	[3/3/2021 - GC2] - (I.O.) 11, 14, & 23-15N-10W X176175 MSSSD 11 & 14-15N-10W X640112 WDFD 11-15N-10W X588547 WDFD 14-15N-10W X588576 MSSSD, WDFD 23-15N-10W X165:10-3-28(C)(2)(B) MSSSD MAY BE CLOSER THAN 600' TO PROPOSED WELLS, BRADFORD 1-14H, PICKAROON 2HX, PICKAROON 3HX COMPL. INT. (23-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 990' FWL COMPL. INT. (14-15N-10W) NCT 0' FNL, NCT 0' FSL, NCT 990' FWL COMPL. INT. (11-15N-10W) NCT 0' FSL, NCT 660' FSL, NCT 990' FWL DEVON ENERGY PRODUCTION COMPANY, L.P. 2-4-2021
MEMO	[3/2/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 176175	[3/3/2021 - GC2] - (640) 11 & 14-15N-10W EXT OTHERS EXT 139333 MSSSD
SPACING - 588547	[3/3/2021 - GC2] - (640) 14-15N-10W EST WDFD
SPACING - 588576	[3/3/2021 - GC2] - (640) 23-15N-10W VAC 317866 MSSSD, OTHER EXT 176175 MSSSD, OTHER EXT 580208 WDFD
SPACING - 640112	[3/3/2021 - GC2] - (640)(HOR) 11-15N-10W EST WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 716759 (202002121)	[3/3/2021 - GC2] - (I.O.) 11, 14, & 23-15N-10W EST MULTIUNIT HORIZONTAL WELL X176175 MSSSD 11 & 14-15N-10W X640112 WDFD 11-15N-10W X588547 WDFD 14-15N-10W X588576 MSSSD, WDFD 23-15N-10W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSSD) 47% 23-15N-10W 49% 14-15N-10W 4% 11-15N-10W DEVON ENERGY PRODUCTION COMPANY, L.P. 2-4-2021

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300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 t 405.787.6276 f
www.craftontull.com
Crafton Tull
SURVEYING CA9731(PE/LS) Exp. 6/30/22

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: BRADFORD 23_14-15N-10W

WELL NO.: 2HX

GOOD DRILL SITE: YES

BLAINE COUNTY, STATE: OK

GROUND ELEVATION: 1458.12' GR. AT STAKE

SURFACE HOLE FOOTAGE: 2629' FEL - 410' FSL

SECTION: 23 **TOWNSHIP:** T15N **RANGE:** R10W

BOTTOM HOLE: 11-T15N-R10W, I.M.

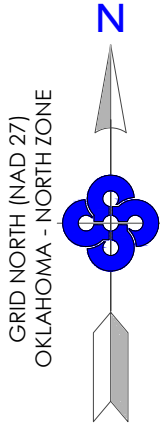
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION:

LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
FROM THE INT. OF HWY 3 & HWY 8 IN WATONGA, GO E 4 MI.
TO N2610 RD, GO S 6 MI TO E0870 RD, GO E 6.5 MI. PAD ON
N SIDE OF RD

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RTK-GPS. NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.



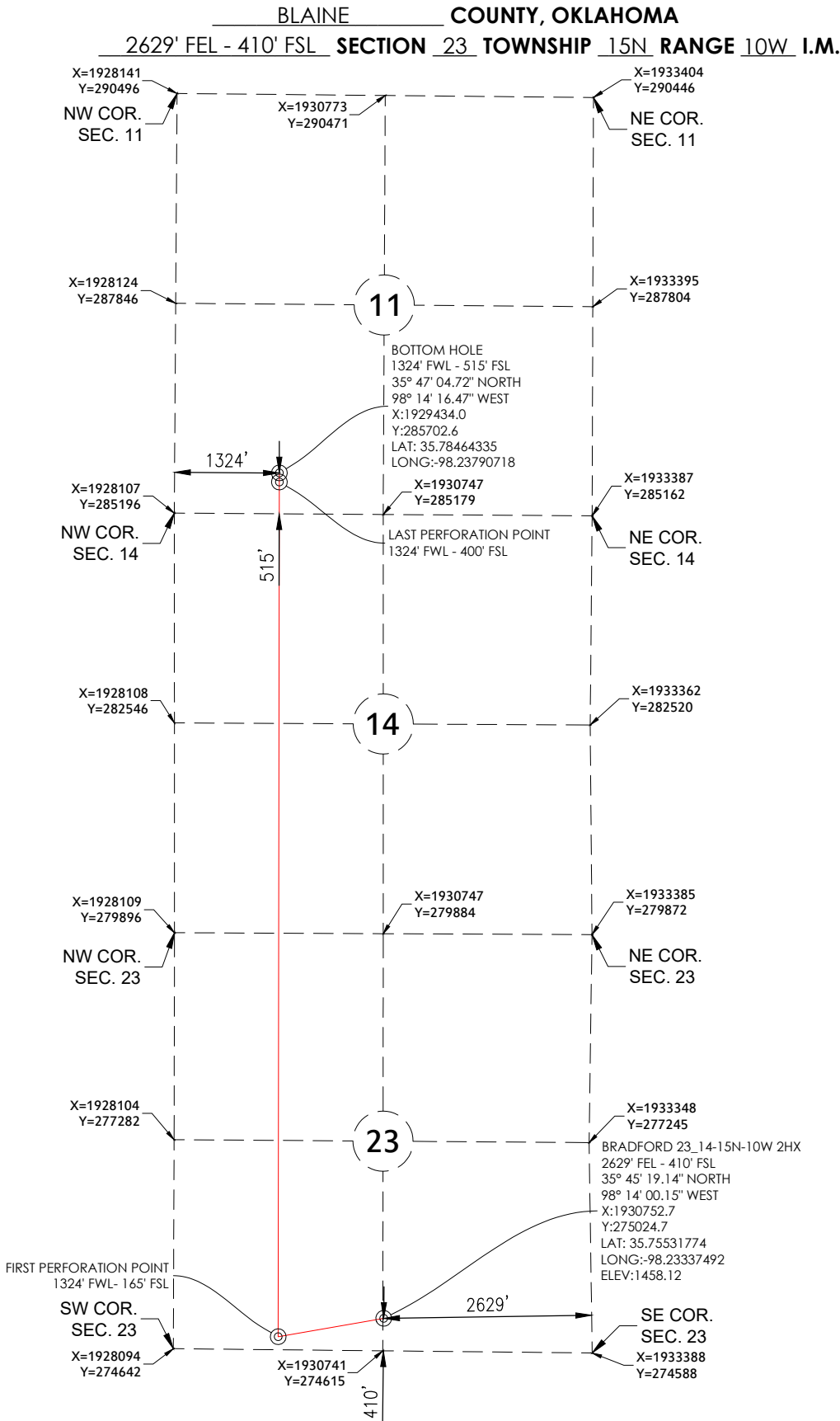
SURFACE HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1930752.7
Y: 275024.7
GPS DATUM: NAD27
LAT: 35.75531774
LONG: -98.23337492

STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1899153.3
Y: 275048.4
GPS DATUM: NAD83
LAT: 35.75536223
LONG: -98.23371551

BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1929434.0
Y: 285702.6
GPS DATUM: NAD27
LAT: 35.78464335
LONG: -98.23790718

STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1897834.5
Y: 285726.2
GPS DATUM: NAD83
LAT: 35.78468701
LONG: -98.23824870

BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.



REVISION	"BRADFORD 23_14-15N-10W 2HX"		
	PART OF THE SE/4 OF SECTION 23, T-15-N, R-10-W PROPOSED DRILL SITE BLAINE COUNTY, OKLAHOMA		
	SCALE: 1" = 2000'	PLOT DATE: 12-14-2020	DRAWN BY: JJ SHEET NO.: 1 OF 6