

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

API NUMBER: 011 24251

Approval Date: 12/08/2020

Expiration Date: 06/08/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 15N Range: 10W County: BLAINE

SPOT LOCATION: NE SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 345 2513

Lease Name: DICKSON 21_16-15N-10W Well No: 5HX Well will be 345 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

DELMA SUE LANDRETH, TRUSTEE OF THE LANDRETH REVOC TRUST
RT. 2 BOX 124
WATONGA OK 73772

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	9600
2 MISSISSIPPI LIME	351MSSLM	10300
3 KINDERHOOK	351KDRK	11000
4 WOODFORD	319WDFD	11400

Spacing Orders: 654955 Location Exception Orders: 715465 Increased Density Orders: 715460
646869 715740 715459

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

Total Depth: 21102 Ground Elevation: 1522 Surface Casing: 600 Depth to base of Treatable Water-Bearing FM: 40

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: 20-37456
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 located in a Hydrologically Sensitive Area.

Category of Pit: C
Liner not required for Category: C
Pit Location is: AP/TE DEPOSIT
Pit Location Formation: TERRACE

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 located in a Hydrologically Sensitive Area.

Category of Pit: C
Liner not required for Category: C
Pit Location is: AP/TE DEPOSIT
Pit Location Formation: TERRACE

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: 16 Township: 15N Range: 10W Meridian: IM Total Length: 9977
 County: BLAINE Measured Total Depth: 21102
 Spot Location of End Point: N2 NE NE NE True Vertical Depth: 11500
 Feet From: **NORTH** 1/4 Section Line: 50 End Point Location from
 Feet From: **EAST** 1/4 Section Line: 330 Lease,Unit, or Property Line: 50

NOTES:

Category	Description
DEEP SURFACE CASING	[12/4/2020 - GB7] - 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	[12/4/2020 - GB7] - 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 FRACF
INCREASED DENSITY - 715459	[12/7/2020 - G56] - 21-15N-10W X646869 MSSLM 4 WELLS DEVON ENERGY PRODUCTION CO., L.P. 11/20/2020
INCREASED DENSITY - 715460	[12/7/2020 - G56] - 16-15N-10W X654955 MSSP 4 WELLS DEVON ENERGY PRODUCTION CO., L.P. 11/20/2020
INTERMEDIATE CASING	[12/7/2020 - G56] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVERPRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 715465	[12/7/2020 - G56] - (I.O.) 16 & 21-15N-10W X654955 MSSP, WDFD 16-15N-10W X646869 MSSLM, KDRK, WDFD 21-15N-10W X165:10-3-28(C)(2)(B) MSSP, MSSLM (DICKSON 21_16-15N-10W 5HX) MAY BE CLOSER THAN 600' TO DOPPELGANGER 4_9-15N-10W 10HX, AND DICKSON 21_16-15N-10W 4HX WELLS COMPL INT (21-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (16-15N-10W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL DEVON ENERGY PRODUCTION CO., L.P. 11/20/2020
MEMO	[12/4/2020 - GB7] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 646869	[12/7/2020 - G56] - (640)(HOR) 21-15N-10W EXT OTHER EXT 643728 WDFD EST MSSLM, KDRK, OTHER COMPL INT (MSSLM, KDRK) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
SPACING - 654955	[12/7/2020 - G56] - (640)(HOR) 16-15N-10W EXT 642784 MSSP, WDFD, OTHER COMPL INT (MSSP) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

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.

SPACING - 715740

[12/7/2020 - G56] - (I.O.) 16 & 21-15N-10W
EST MULTIUNIT HORIZONTAL WELL
X654955 MSSP, WDFD 16-15N-10W
X646869 MSSLM, KDRK, WDFD 21-15N-10W
(KDRK, WDFD ARE ADJACENT CSS TO MSSP, MSSLM)
50% 16-15N-10W
50% 21-15N-10W
DEVON ENERGY PRODUCTION CO., L.P.
12/7/2020

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011 24251 DICKSON 21_16-15N-10W 5HX



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: DICKSON 21_16-15N-10W

WELL NO. 5HX

GOOD DRILL SITE: YES

BLAINE COUNTY, STATE: OK

GROUND ELEVATION: 1522.24' GR. AT STAKE

SURFACE HOLE FOOTAGE: 2513' FWL - 345' FSL

SECTION: 21 **TOWNSHIP:** T15N **RANGE:** R10W

BOTTOM HOLE: 16-T15N-R10W, I.M.

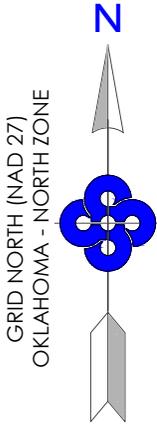
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION:

LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
FROM THE INTERSECTION OF HWY 281 & HWY 33 IN
WATONGA, GO E. ON HWY 33 4 MI. TO N2610 RD. GO S. 7 MI.
TO E0880 RD. GO E. 4.5 MI. WELL 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.

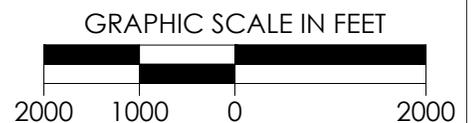
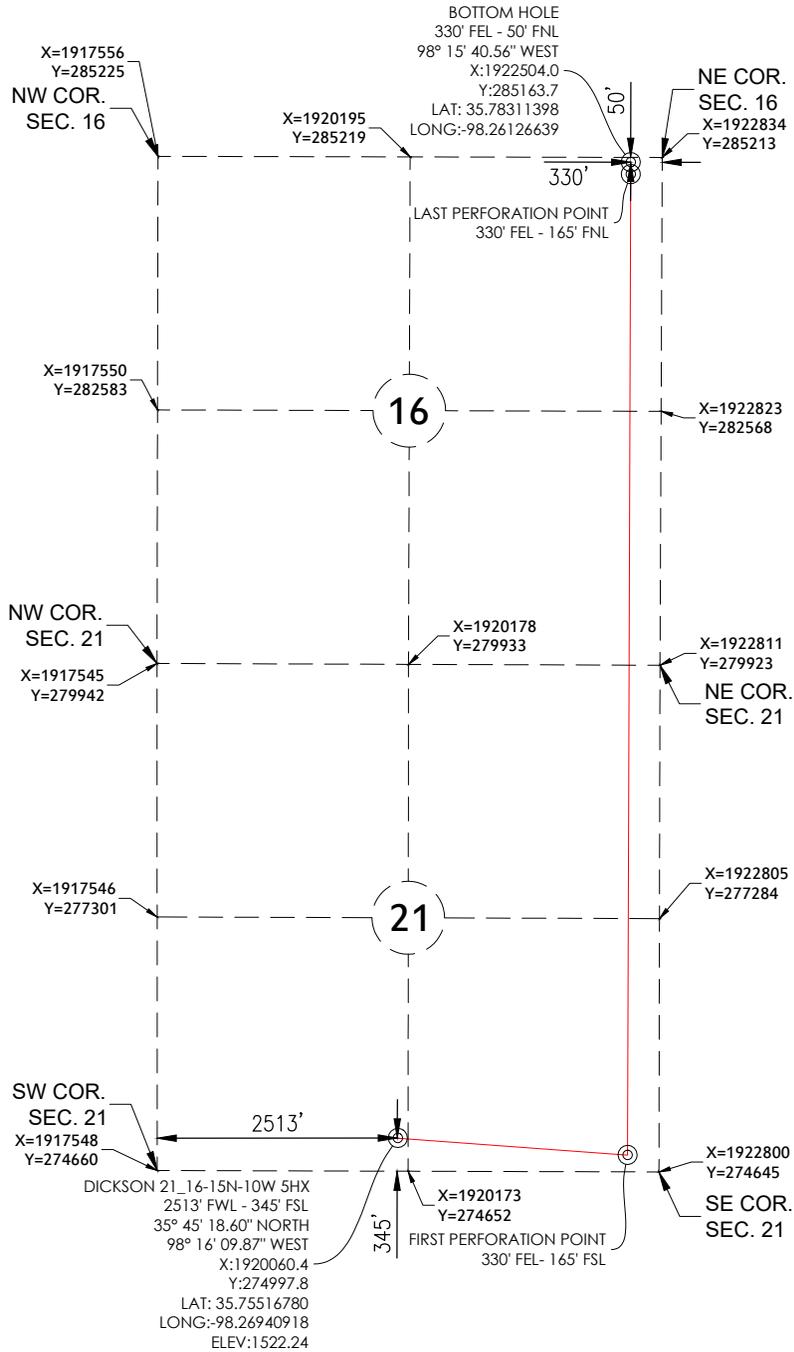


BLAINE COUNTY, OKLAHOMA
2513' FWL - 345' FSL SECTION 21 TOWNSHIP 15N RANGE 10W I.M.

SURFACE HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1920060.4
Y: 274997.8
GPS DATUM: NAD27
LAT: 35.75516780
LONG: -98.26940918
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1888460.9
Y: 275021.6
GPS DATUM: NAD83
LAT: 35.75521236
LONG: -98.26975120

BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1922504.0
Y: 285163.7
GPS DATUM: NAD27
LAT: 35.78311398
LONG: -98.26126639
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1890904.3
Y: 285187.4
GPS DATUM: NAD83
LAT: 35.78315772
LONG: 98.26160876

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.



REVISION	"DICKSON 21_16-15N-10W 5HX"		
	PART OF THE SW/4 OF SECTION 21, T-15-N, R-10-W PROPOSED DRILL SITE BLAINE COUNTY, OKLAHOMA		
	SCALE: 1" = 2000'	PLOT DATE: 10-19-2020	DRAWN BY: DC
	SHEET NO.: 1 OF 6		