

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

API NUMBER: 073 26454

Approval Date: 02/20/2019

Expiration Date: 08/20/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 16N Rge: 9W County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 635 325

Lease Name: PRIVOTT 17_20-16N-9W Well No: 2HX Well will be 325 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP

Telephone: 4052353611; 4052353

OTC/OCC Number: 20751 0

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

LARRY L BIEHLER
7812 NW 122 STREET
OKLAHOMA CITY OK 73142

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

| Name | Depth | Name | Depth |
|--------------------------------|-------|------|-------|
| 1 MISSISSIPPIAN (LESS CHESTER) | 9106 | 6 | |
| 2 WOODFORD | 9708 | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 663219
655017

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809877
201809878
201809876
201809875

Special Orders:

Total Depth: 18961

Ground Elevation: 1192

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 710

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 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: CHICKASHA

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

PERMIT NO: 19-36186

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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.

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: CHICKASHA

HORIZONTAL HOLE 1

Sec 20 Twp 16N Rge 9W County KINGFISHER

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 8818

Radius of Turn: 478

Direction: 176

Total Length: 9392

Measured Total Depth: 18961

True Vertical Depth: 9708

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

2/4/2019 - G71 - 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

2/4/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INTERMEDIATE CASING

2/4/2019 - G71 - 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

MEMO

2/4/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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.

073 26454 PRIVOTT 17_20-16N-9W 2HX

| Category | Description |
|------------------------|---|
| PENDING CD - 201809875 | 2/14/2019 - G56 - 17-16N-9W X663219 MSNLC 5 WELLS DEVON ENERGY PROD. CO. L.P. REC 12/18/2018 (MILLER) |
| PENDING CD - 201809876 | 2/14/2019 - G56 - 20-16N-9W X655017 MSNLC 5 WELLS DEVON ENERGY PROD. CO. L.P. REC 12/18/2018 (MILLER) |
| PENDING CD - 201809877 | 2/14/2019 - G56 - (I.O.) 17 & 20-16N-9W ESTABLISH MULTIUNIT HORIZONTAL WELL X663219 MSNLC, WDFD 17-16N-9W X655017 MSNLC, WDFD 20-16N-9W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSNLC) 50% 17-16N-9W 50% 20-16N-9W DEVON ENERGY PROD. CO. L.P. REC 12/18/2018 (MILLER) |
| PENDING CD - 201809878 | 2/14/2019 - G56 - (I.O.) 17 & 20-16N-9W X663219 MSNLC, WDFD 17-16N-9W X655017 MSNLC, WDFD 20-16N-9W X165:10-3-28(C0(2)(B) MSNLC MAY BE CLOSER THAN 600' TO BIEHLER 5-17, HARRIS 2-20, BIEHLER 7, AND PROPOSED WELLS. COMPL INT (17-16N-9W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (20-16N-9W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL DEVON ENERGY PROD. CO. L.P. REC 12/18/2018 (MILLER) |
| SPACING - 655017 | 2/14/2019 - G56 - (640)(HOR) 20-16N-9W EST MSNLC EXT 637157 WDFD, OTHER COMPL INT (MSNLC) NCT 600' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST WITH SP # 161492 MSDMC, # 186837 MSSSD) |
| SPACING - 663219 | 2/14/2019 - G56 - (640)(HOR) 17-16N-9W EXT 649578 MSNLC, WDFD COMPL INT (MSNLC) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST WITH SP # 101237 MSDMC) |

300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 f 405.787.6276 f
www.craftontull.com

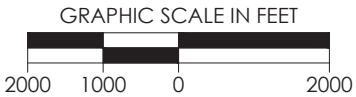
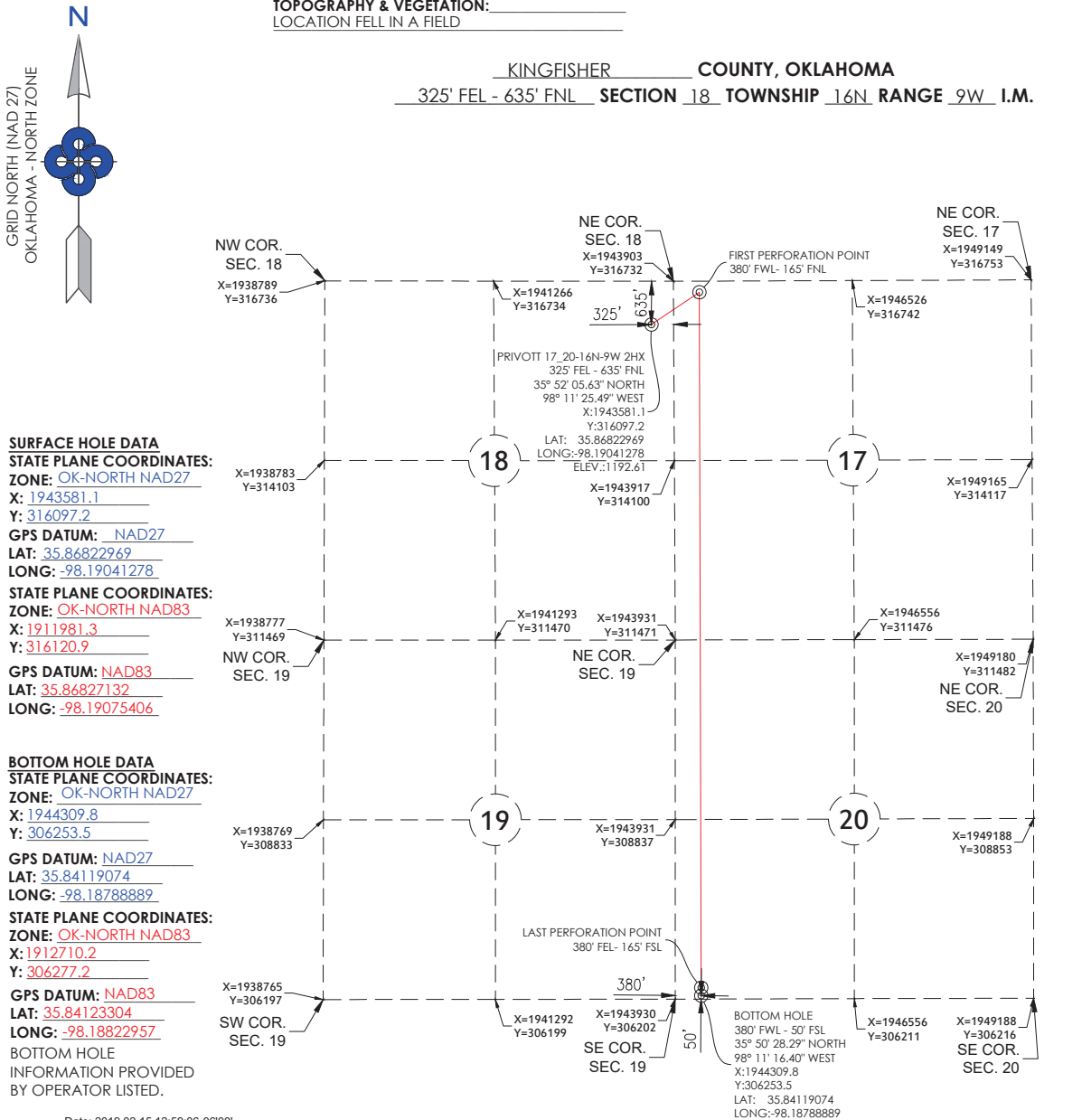


Crafton Tull
SURVEYING CA973(P/E/S) Exp. 6/30/20

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.
LEASE NAME: PRIVOTT 17_20-16N-9W
WELL NO. 2HX
GOOD DRILL SITE: YES
KINGFISHER COUNTY, STATE: OK
GROUND ELEVATION: 1192.61' GR. AT STAKE
SURFACE HOLE FOOTAGE: 325' FEL - 635' FNL
SECTION: 18 TOWNSHIP: T16N RANGE: R9W
BOTTOM HOLE: 20-T16N-R9W, I.M.
ACCESSIBILITY TO LOCATION: FROM EAST LINE
TOPOGRAPHY & VEGETATION:
LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
AT JCT. OF E0790 RD & N2695 RD IN OMEGA,
GO E. ALONG E0790 RD 0.5 MI. TO N2700 RD. GO S. 0.1 MI.
PAD IS ON W. 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.



| REVISION | | "PRIVOTT 17_20-16N-9W 2HX" | |
|----------|--|---|--------------|
| | | PART OF THE NW/4 OF SECTION 18, T-16-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA | |
| | | SCALE: 1" = 2000' | |
| | | PLOT DATE: 02-15-2019 | DRAWN BY: JJ |
| | | SHEET NO.: 1 OF 6 | |

