

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

API NUMBER: 043 23537

Approval Date: 07/13/2017
Expiration Date: 01/13/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 19N Rge: 17W County: DEWEY
SPOT LOCATION: SW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 260 825

Lease Name: MCCAMEY 28-19N-17W Well No: 1H Well will be 260 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 73102-5010

MCCAMEY LAND & CATTLE, L.P.
P.O. BOX 6025
MIDLAND TX 79704

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

| | Name | Depth | Name | Depth |
|---|---------------|-------|------|-------|
| 1 | MISSISSIPPIAN | 9600 | 6 | |
| 2 | WOODFORD | 12125 | 7 | |
| 3 | HUNTON | 12175 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201702644
201702645

Special Orders:

Total Depth: 15810 Ground Elevation: 1900 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 300

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: 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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32878
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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 28 Twp 19N Rge 17W County DEWEY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 440

Depth of Deviation: 10572

Radius of Turn: 477

Direction: 356

Total Length: 4489

Measured Total Depth: 15810

True Vertical Depth: 12175

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

Notes:

Category

Description

DEEP SURFACE CASING

7/11/2017 - 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

7/11/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

INTERMEDIATE CASING

7/11/2017 - 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

7/11/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201702644

7/13/2017 - G64 - (640)(HOR) 28-19N-17W
VAC 78413 MCSTR
VAC 217107 MSSLM, HNTN
EXT 658913 MSSP, WDFD
EST HNTN
POE TO BHL (MSSP, HNTN) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
REC. 6-5-2017 (LEAVITT)

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.

043 23537 MCCAMEY 28-19N-17W 1H

Category

PENDING CD - 201702645

Description

7/13/2017 - G64 - (I.O.) 28-19N-17W
X201702644 MSSP, HNTN
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL, NCT 330' FEL
NO OP. NAMED
REC. 6-5-2017 (LEAVITT)

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.



300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 f 405.787.6276 f
www.craftontull.com
Crafton Tull
SURVEYING CA973(PF/LS) Exp. 6/30/18

API: 043 23537

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: MCCAMEY 28-19N-17W

WELL NO. 1H

GOOD DRILL SITE: YES

DEWEY COUNTY, STATE: OK

GROUND ELEVATION: 1900.4' GR. AT STAKE

SURFACE HOLE FOOTAGE: 825' FWL - 260' FSL

SECTION: 28 **TOWNSHIP:** T19N **RANGE:** R17W

BOTTOM HOLE: 28-T19N-R17W I.M.

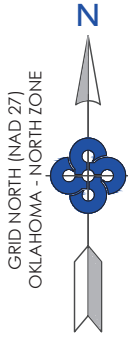
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION:

LOCATION: FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
AT THE JCT. OF US-183 AND SH-51, WEST 3 MI TO N2240RD,
SOUTH 4 MI TO E640RD, WEST 0.75 MI, SITE IS NORTH OF RD.

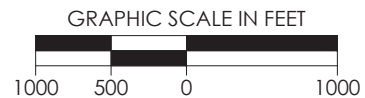
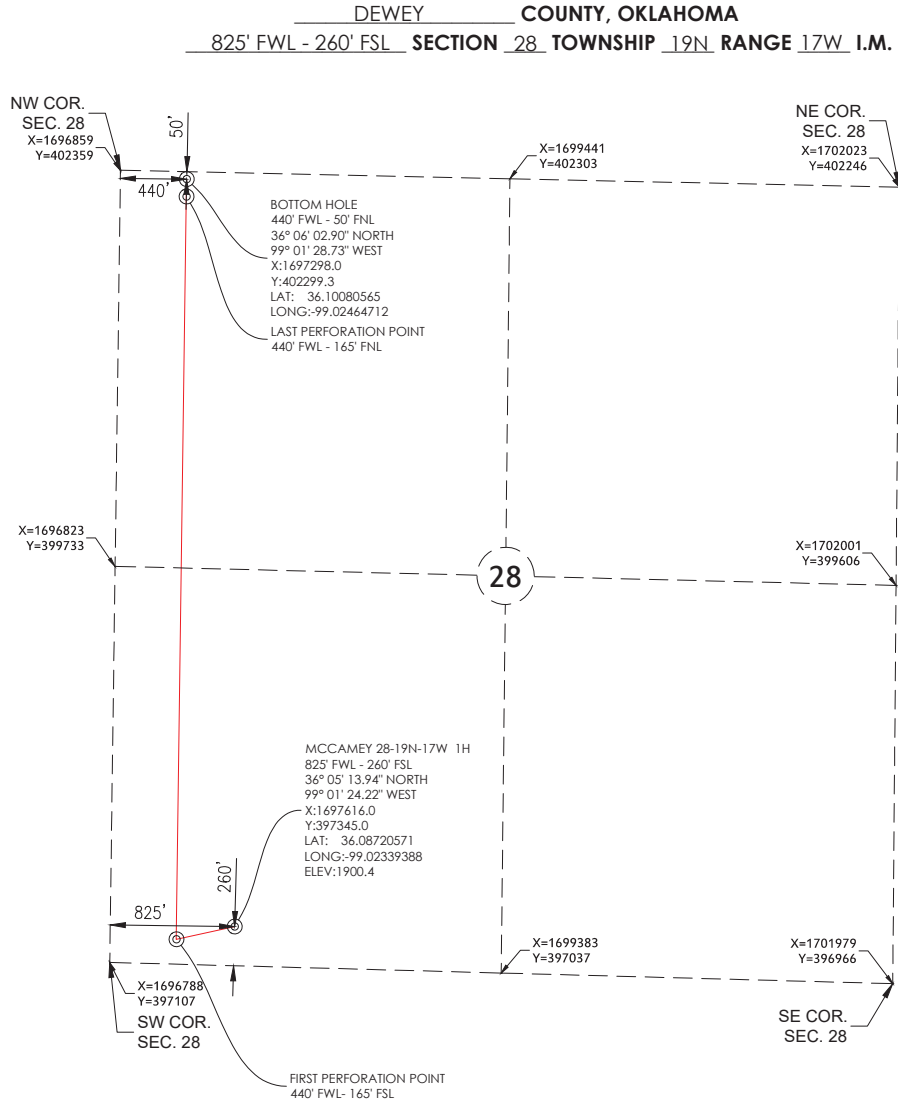
PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RTK-GPS. NOTE X AND Y DATA SHOWN HEREON 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: 1697616.0
Y: 397345.0
GPS DATUM: NAD27
LAT: 36.08720571
LONG: -99.02339388
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1666012.4
Y: 397371.6
GPS DATUM: NAD83
LAT: 36.08724723
LONG: -99.02376966

BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1697298.0
Y: 402299.3
GPS DATUM: NAD27
LAT: 36.10080565
LONG: -99.02464712
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1665694.4
Y: 402325.9
GPS DATUM: NAD83
LAT: 36.10084694
LONG: -99.02502293

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.



| | | | |
|----------|---|-----------------------|--------------------------------|
| REVISION | "MCCAMEY 28-19N-17W 1H" | | |
| | PART OF THE SW/4 OF SECTION 28, T-19-N, R-17-W PROPOSED DRILL SITE DEWEY COUNTY, OKLAHOMA | | |
| | SCALE: 1" = 1000' | PLOT DATE: 05-17-2017 | DRAWN BY: DW SHEET NO.: 1 OF 6 |