

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

API NUMBER: 017 25042

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 11N Rge: 8W County: CANADIAN  
SPOT LOCATION:  NE  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 320 200

Lease Name: JASMINE 2\_11-11N-8W Well No: 1HX Well will be 200 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

CARMEN KAY MURPHY FRAZIER  
2414 S. CHOCTAW AVE.  
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 WOODFORD	10907	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703794  
201703792  
201703793  
201703795

Special Orders:

Total Depth: 21165 Ground Elevation: 1418 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 450

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32772

Chlorides Max: 5000 Average: 3000

H. SEE MEMO

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 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: DOG CREEK

HORIZONTAL HOLE 1

Sec 11 Twp 11N Rge 8W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 9908

Radius of Turn: 477

Direction: 181

Total Length: 10508

Measured Total Depth: 21165

True Vertical Depth: 11059

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

Notes:

Category

Description

DEEP SURFACE CASING

6/19/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

6/19/2017 - 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

MEMO

6/19/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201703792

7/3/2017 - G75 - (640)(HOR) 11-11N-8W  
EXT 659658 WDFD  
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL  
REC 7-11-2017 (THOMAS)

PENDING CD - 201703793

7/3/2017 - G75 - (640)(HOR) 2-11N-8W  
EXT 659658 WDFD  
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL  
REC 7-11-2017 (THOMAS)

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.

Category	Description
PENDING CD - 201703794	7/3/2017 - G75 - (I.O.) 2 & 11-11N-8W EST MULTIUNIT HORIZONTAL WELL XOTHERS X201703793 WDFD 2-11N-8W X201703792 WDFD 11-11N-8W 50% 2-11N-8W 50% 11-11N-8W DEVON ENERGY PROD. CO., L.P. REC 7-11-2017 (THOMAS)
PENDING CD - 201703795	7/3/2017 - G75 - (I.O.) 2 & 11-11N-8W XOTHERS X201703793 WDFD 2-11N-8W X201703792 WDFD 11-11N-8W COMPL. INT. (2-11N-8W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (11-11N-8W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL DEVON ENERGY PROD. CO., L.P. REC 7-11-2017 (THOMAS)

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 t 405.787.6276 f  
www.craftontull.com  
**Crafton Tull**  
SURVEYING CA973(PE/LS) Exp. 6/30/18

**OPERATOR:** DEVON ENERGY PRODUCTION COMPANY, L.P.

**LEASE NAME:** JASMINE 2\_11-11N-8W

**WELL NO.** 1HX

**GOOD DRILL SITE:** YES

**CANADIAN COUNTY, STATE:** OK

**GROUND ELEVATION:** 1417.74' GR. AT STAKE

**SURFACE HOLE FOOTAGE:** 200' FEL - 320' FNL

**SECTION:** 2 **TOWNSHIP:** T11N **RANGE:** R8W

**BOTTOM HOLE:** 11-T11N-R8W,I.M.

**ACCESSIBILITY TO LOCATION:** FROM EAST LINE

**TOPOGRAPHY & VEGETATION:**

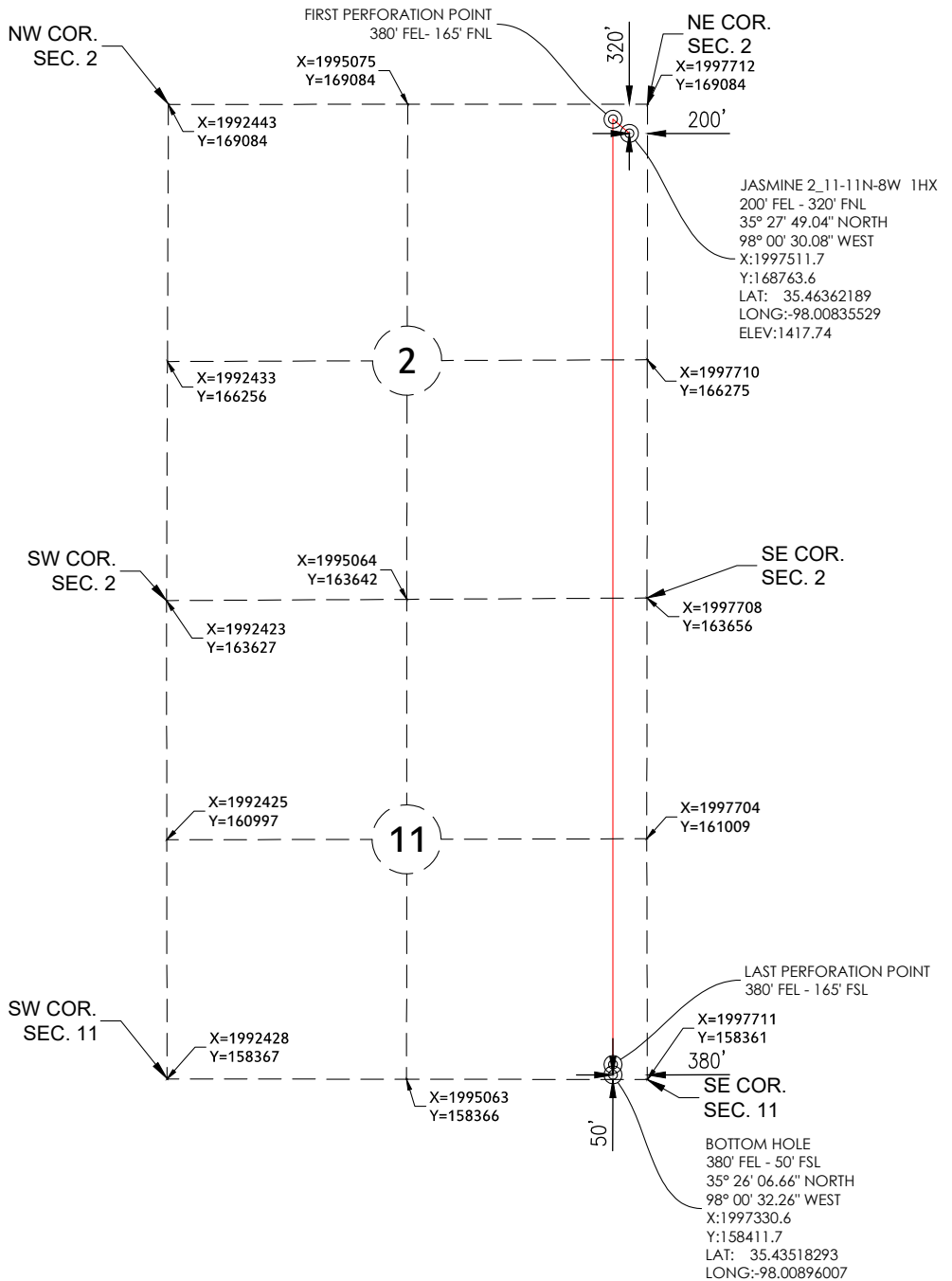
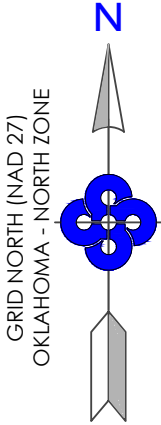
LOCATION FELL IN A FIELD

**DISTANCE & DIRECTION FROM HWY JCT OR TOWN:**  
AT THE JCT. OF I-40 AND COUNTRY CLUB RD, HEAD SOUTH  
3MI TO RENO, HEAD WEST 2MI TO INTER. OF RENO AND  
AIRPORT RD, SITE IS SOUTHWEST OF INTERSECTION.

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.

API 017-25042

CANADIAN COUNTY, OKLAHOMA  
200' FEL - 320' FNL SECTION 2 TOWNSHIP 11N RANGE 8W I.M.



**SURFACE HOLE DATA**

**STATE PLANE COORDINATES:**

**ZONE:** OK-NORTH NAD27

**X:** 1997511.7

**Y:** 168763.6

**GPS DATUM:** NAD27

**LAT:** 35.46362189

**LONG:** -98.00835529

**STATE PLANE COORDINATES:**

**ZONE:** OK-NORTH NAD83

**X:** 1965914.1

**Y:** 168787.6

**GPS DATUM:** NAD83

**LAT:** 35.46367540

**LONG:** -98.00868305

**BOTTOM HOLE DATA**

**STATE PLANE COORDINATES:**

**ZONE:** OK-NORTH NAD27

**X:** 1997330.6

**Y:** 158411.7

**GPS DATUM:** NAD27

**LAT:** 35.43518293

**LONG:** -98.00896007

**STATE PLANE COORDINATES:**

**ZONE:** OK-NORTH NAD83

**X:** 1965733.1

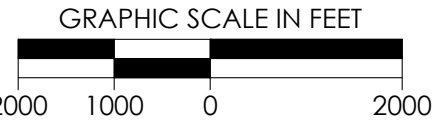
**Y:** 158435.8

**GPS DATUM:** NAD83

**LAT:** 35.43523739

**LONG:** -98.00928752

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.



REVISION	"JASMINE 2_11-11N-8W 1HX"		
	PART OF THE NE/4 OF SECTION 2, T-11-N, R-8-W PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHOMA		
	SCALE: 1" = 2000'	PLOT DATE: 04-25-2017	DRAWN BY: DW SHEET NO.: 1 OF 6