

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

API NUMBER: 011 24069

Approval Date: 08/17/2018

Expiration Date: 02/17/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 15N Rge: 11W County: BLAINE

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 255 1455

Lease Name: BAKER 9_16-15N-11W Well No: 5HX Well will be 255 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

BLITZ-WOLFE FARMS, LLC
3240 BRUSH CREEK ROAD
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	11059	6	
2	WOODFORD	12078	7	
3			8	
4			9	
5			10	

Spacing Orders: 658271
658334

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804642
201804641
201804633
201804634

Special Orders:

Total Depth: 21274

Ground Elevation: 1489

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 90

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-34955

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 16 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2190

Depth of Deviation: 10601

Radius of Turn: 477

Direction: 170

Total Length: 9924

Measured Total Depth: 21274

True Vertical Depth: 12078

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

Notes:

Category

Description

DEEP SURFACE CASING

8/7/2018 - 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

8/7/2018 - 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

8/7/2018 - 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

8/7/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS 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.

011 24069 BAKER 9_16-15N-11W 5HX

Category	Description
PENDING CD - 201804633	8/15/2018 - G75 - (I.O.) 9-15N-11W X658271 MSNLC 4 WELLS DEVON ENERGY PROD. CO., L.P. REC 7-3-2018 (M. PORTER)
PENDING CD - 201804634	8/15/2018 - G75 - (I.O.) 16-15N-11W X658334 MSNLC 4 WELLS DEVON ENERGY PROD. CO., L.P. REC 7-3-2018 (M. PORTER)
PENDING CD - 201804641	8/15/2018 - G75 - (I.O.) 9 & 16-15N-11W EST MULTIUNIT HORIZONTAL WELL X658271 MSNLC, WDFD 9-15N-11W X658334 MSNLC, WDFD 16-15N-11W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSNLC) 50% 9-15N-11W 50% 16-15N-11W DEVON ENERGY PROD. CO., L.P. REC 7-3-2018 (M. PORTER)
PENDING CD - 201804642	8/15/2018 - G75 - (I.O.) 9 & 16-15N-11W X658271 MSNLC, WDFD 9-15N-11W X658334 MSNLC, WDFD 16-15N-11W COMPL. INT. (9-15N-11W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (16-15N-11W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL DEVON ENERGY PROD. CO., L.P. REC 7-3-2018 (M. PORTER)
SPACING - 658271	8/15/2018 - G75 - (640)(HOR) 9-15N-11W EST MSNLC EXT 646108 WDFD POE TO BHL (MSNLC) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 658334	8/15/2018 - G75 - (640)(HOR) 16-15N-11W EST MSNLC EXT 649479 WDFD POE TO BHL (MSNLC) NCT 660' FB POE TO BHL (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 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.

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: BAKER 9_16-15N-11W

WELL NO. 5HX

GOOD DRILL SITE: YES

BLAINE COUNTY, STATE: OK

GROUND ELEVATION: 1489.27' GR. AT STAKE

SURFACE HOLE FOOTAGE: 1455' FWL - 255' FNL

SECTION: 9 TOWNSHIP: T15N RANGE: R11W

BOTTOM HOLE: 16-115N-R11W.I.M.

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

TOPOGRAPHY & VEGETATION:

LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

FROM THE INTERSECTION OK-3 & OK-8 HEAD SOUTH ±1.0MI ON
OK-8 TO E0820RD, HEAD EAST ±2.0MI N2590RD, HEAD SOUTH
±2.0MI TO E0840RD, HEAD EAST ±0.3MI, PAD SITE IS SOUTH OF
THE ROAD.

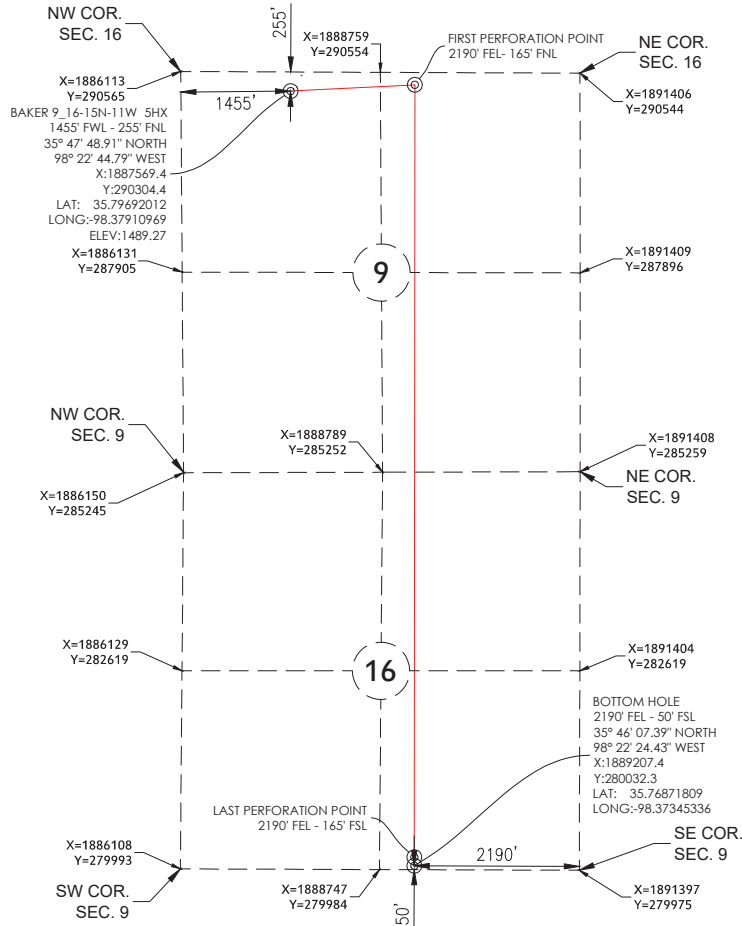
PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A
LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED.
PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED. GPS DATA IS
OBSERVED FROM RTK-GPS.

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 011-24069



BLAINE COUNTY, OKLAHOMA
1455' FWL - 255' FNL SECTION 9 TOWNSHIP 15N RANGE 11W I.M.



SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1887569.4

Y: 290304.4

GPS DATUM: NAD27

LAT: 35.79692012

LONG: -98.37910969

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1855969.0

Y: 290328.6

GPS DATUM: NAD83

LAT: 35.79696439

LONG: -98.37945734

BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1889207.4

Y: 280032.3

GPS DATUM: NAD27

LAT: 35.76871809

LONG: -98.37345336

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1857607.2

Y: 280056.4

GPS DATUM: NAD83

LAT: 35.76876267

LONG: -98.37379999

BOTTOM HOLE

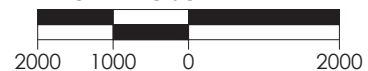
INFORMATION PROVIDED


BY OPERATOR LISTED.

2018.08.02 10:49:24-05'00'



GRAPHIC SCALE IN FEET



REVISION		"BAKER 9_16-15N-11W 5HX"		
		PART OF THE NW/4 OF SECTION 9, T-15-N, R-11-W PROPOSED DRILL SITE BLAINE COUNTY, OKLAHOMA		
		SCALE: 1" = 2000'	DRAWN BY: JJ	SHEET NO.: 1 OF 6
		PLOT DATE: 08-01-2018		