

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

API NUMBER: 087 22105

Approval Date: 01/31/2018

Expiration Date: 07/31/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 6N Rge: 2W

County: MCCLAIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 253 269

Lease Name: MILLSAP 6N 2W 26

Well No: 1HX

Well will be 253 feet from nearest unit or lease boundary.

Operator Name: BP AMERICA PRODUCTION COMPANY

Telephone: 8326194857; 2813666

OTC/OCC Number: 1640 0

BP AMERICA PRODUCTION COMPANY
737 N ELDRIDGE PKWY
HOUSTON, TX 77079-4411

CINDY D. MILLSAP
210 W. COMANCHE
PURCELL OK 73080

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

Name	Depth	Name	Depth
1 WOODFORD	7387	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 660056

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800683
201800701
201800710

Special Orders:

Total Depth: 17500

Ground Elevation: 1176

Surface Casing: 580

Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: BISON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

H. PIT 2 - MIN. 20-MIL LINER REQUIRED, 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.

PIT 2 INFORMATION

Type of Pit System: ON SITE

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: 3

Liner required for Category: 3

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 23 Twp 6N Rge 2W County MCCLAIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 528

Depth of Deviation: 6742

Radius of Turn: 382

Direction: 5

Total Length: 10158

Measured Total Depth: 17500

True Vertical Depth: 7500

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

1/26/2018 - 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

PENDING CD - 201800683

1/29/2018 - G75 - (E.O.) 26 & 23-6N-2W
EST MULTIUNIT HORIZONTAL WELL
X201800710 WDFD 26-6N-2W
X660056 WDFD 23-6N-2W
50% 26-6N-2W
50% 23-6N-2W
BP AMERICA PROD. CO.
REC 1-29-2018 (NORRIS)

PENDING CD - 201800701

1/29/2018 - G75 - (E.O.) 26 & 23-6N-2W
X201800710 WDFD 26-6N-2W
X660056 WDFD 23-6N-2W
COMPL. INT. (26-6N-2W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL
COMPL. INT. (23-6N-2W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL
BP AMERICA PROD. CO.
REC 1-29-2018 (NORRIS)

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

087 22105 MILLSAP 6N 2W 26 1HX

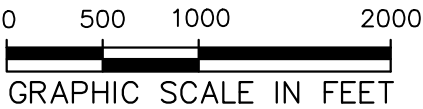
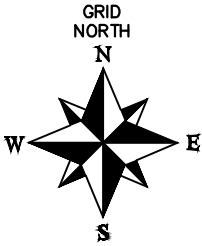
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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 - 201800710	1/29/2018 - G75 - (E.O.)(640)(HOR) 26-6N-2W EXT 660007 WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL BP AMERICA PROD. CO. REC 1-29-2018 (NORRIS)
SPACING - 660056	1/29/2018 - G75 - (640)(HOR) 23-6N-2W EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

	OKS NAD'27	NAD'27	OKS NAD'83	NAD'83
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 591,672' E (X) = 2,183,009'	LAT. = 34.95766124°N LON. = 97.38925221°W	N (Y) = 591,715' E (X) = 2,151,413'	LAT. = 34.95773423°N LON. = 97.38955826°W
PROPOSED LANDING POINT (LP)	N (Y) = 591,677' E (X) = 2,183,806'	LAT. = 34.95766369°N LON. = 97.38659384°W	N (Y) = 591,720' E (X) = 2,152,210'	LAT. = 34.95773672°N LON. = 97.38689984°W
PROPOSED TERMINUS POINT (TP)	N (Y) = 601,835' E (X) = 2,183,740'	LAT. = 34.98557414°N LON. = 97.38660653°W	N (Y) = 601,878' E (X) = 2,152,144'	LAT. = 34.98564642°N LON. = 97.38691285°W

API 087-22105



NAD83 N(Y): 602040'
NAD83 E(X): 2151615'
NAD27 N(Y): 601997'
NAD27 E(X): 2183211'




NAD83 N(Y): 602069'
NAD83 E(X): 2156912'
NAD27 N(Y): 602026'
NAD27 E(X): 2188508'


NAD83 N(Y): 596759'
NAD83 E(X): 2151648'
NAD27 N(Y): 596716'
NAD27 E(X): 2183244'

NAD83 N(Y): 596784'
NAD83 E(X): 2156946'
NAD27 N(Y): 596741'
NAD27 E(X): 2188542'

NAD83 N(Y): 591463'
NAD83 E(X): 2151683'
NAD27 N(Y): 591420'
NAD27 E(X): 2183279'

NAD83 N(Y): 591504'
NAD83 E(X): 2156978'
NAD27 N(Y): 591461'
NAD27 E(X): 2188574'

UNIT BOUNDARY  |  | 

SURFACE HOLE LOCATION 

NATURAL GROUND ELEVATION (NAVD88, GEOID 12B): 1176'

NOTES:

1. BEARING BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983, OKLAHOMA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

2. ALL MEASURED DISTANCES ARE SHOWN IN GRID.

3. THIS DOES NOT REPRESENT A BOUNDARY SURVEY AND IS SOLELY FOR THE PURPOSE OF PERMITTING A WELL WITH THE OKLAHOMA CORPORATION COMMISSION.



BP AMERICA
PRODUCTION COMPANY
US LOWER 48 ONSHORE

MILLSAP 6N 2W 26 1HX PLAT

MILLSAP
TOWNSHIP 6 NORTH,
RANGE 2 WEST,
SECTION 27,
INDIAN MERIDIAN,
MCCLAIN COUNTY, OKLAHOMA

DRAWN BY
BMR

CHECKED BY
BMR

SCALE
1"=1000'

DATE
1/7/2018