

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

API NUMBER: 087 22178

Approval Date: 09/18/2018

Expiration Date: 03/18/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 7N Rge: 2W

County: MCCLAIN

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

SECTION LINES: 361 1480

Lease Name: PARKER 7N 2W 33

Well No: 2HX

Well will be 361 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
1100 N BROADWAY AVE STE 200
OKLAHOMA CITY, OK 73103-4937

BILLY C. & LINDA G. HOGUE
3118 S. 9TH
PURCELL OK 73080

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

Name	Depth	Name	Depth
1 WOODFORD	7600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 652167

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806774
201806773
201806775
201806772

Special Orders:

Total Depth: 17600

Ground Elevation: 1100

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 250

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: PURCELL

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-35160

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: PURCELL

HORIZONTAL HOLE 1

Sec 04 Twp 6N Rge 2W County MCCLAIN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 568

Depth of Deviation: 6931

Radius of Turn: 382

Direction: 175

Total Length: 10069

Measured Total Depth: 17600

True Vertical Depth: 7600

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

Notes:

Category

Description

HYDRAULIC FRACTURING

9/14/2018 - 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

MEMO

9/14/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WALNUT CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201806772

9/14/2018 - G57 - 33-7N-2W
X652167 WDFD
4 WELLS
NO OP. NAMED
REC 9-10-2018 (DENTON)

PENDING CD - 201806773

9/14/2018 - G57 - (E.O.) 33-7N-2W & 4-6N-2W
X652167 WDFD
COMPL. INT. (33-7N-2W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL
COMPL. INT. (4-6N-2W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 9-14-2018 (P. PORTER)

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

087 22178 PARKER 7N 2W 33 2HX

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 - 201806774	9/14/2018 - G57 - 4-6N-2W X652167 WDFD 4 WELLS NO OP. NAMED REC 9-10-2018 (DENTON)
PENDING CD - 201806775	9/14/2018 - G57 - (I.O.) 33-7N-2W & 4-6N-2W EST MULTIUNIT HORIZONTAL WELL X652167 WDFD 50% 33-7N-2W 50% 4-6N-2W BP AMERICA PRODUCTION COMPANY REC 9-10-2018 (DENTON)
SPACING - 652167	9/14/2018 - G57 - (640)(HOR) 33-7N-2W & 4-6N-2W EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL



Well Location Plat

S.H.L. Sec. 33-7N-2W I.M.
B.H.L. Sec. 4-6N-2W I.M.

Operator: BP AMERICA PRODUCTION COMPANY
Lease Name and No.: PARKER 7N 2W 33 2HX
Footage: 361' FNL - 1480' FEL Gr. Elevation: 1100'
Section: 33 Township: 7N Range: 2W I.M.
County: McClain State of Oklahoma
Terrain at Loc.: Location fell on existing level pad site.

API:087 22178



All bearings shown
are grid bearings.

0' 660' 1320' 1980'
1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°02'35.82"N

Lon: 97°24'40.75"W

Lat: 35.04328243

Lon: -97.41132001

X: 2144711

Y: 622812

Surface Hole Loc.:

Lat: 35°02'35.56"N

Lon: 97°24'39.64"W

Lat: 35.04321173

Lon: -97.41101241

X: 2176307

Y: 622769

Landing Point:

Lat: 35°02'35.79"N

Lon: 97°24'29.78"W

Lat: 35.04327417

Lon: -97.40827217

X: 2145623

Y: 622814

Landing Point:

Lat: 35°02'35.53"N

Lon: 97°24'28.67"W

Lat: 35.04320343

Lon: -97.40796464

X: 2177219

Y: 622771

Bottom Hole Loc.:

Lat: 35°00'56.20"N

Lon: 97°24'29.85"W

Lat: 35.01561058

Lon: -97.40829280

X: 2145676

Y: 612746

Bottom Hole Loc.:

Lat: 35°00'55.94"N

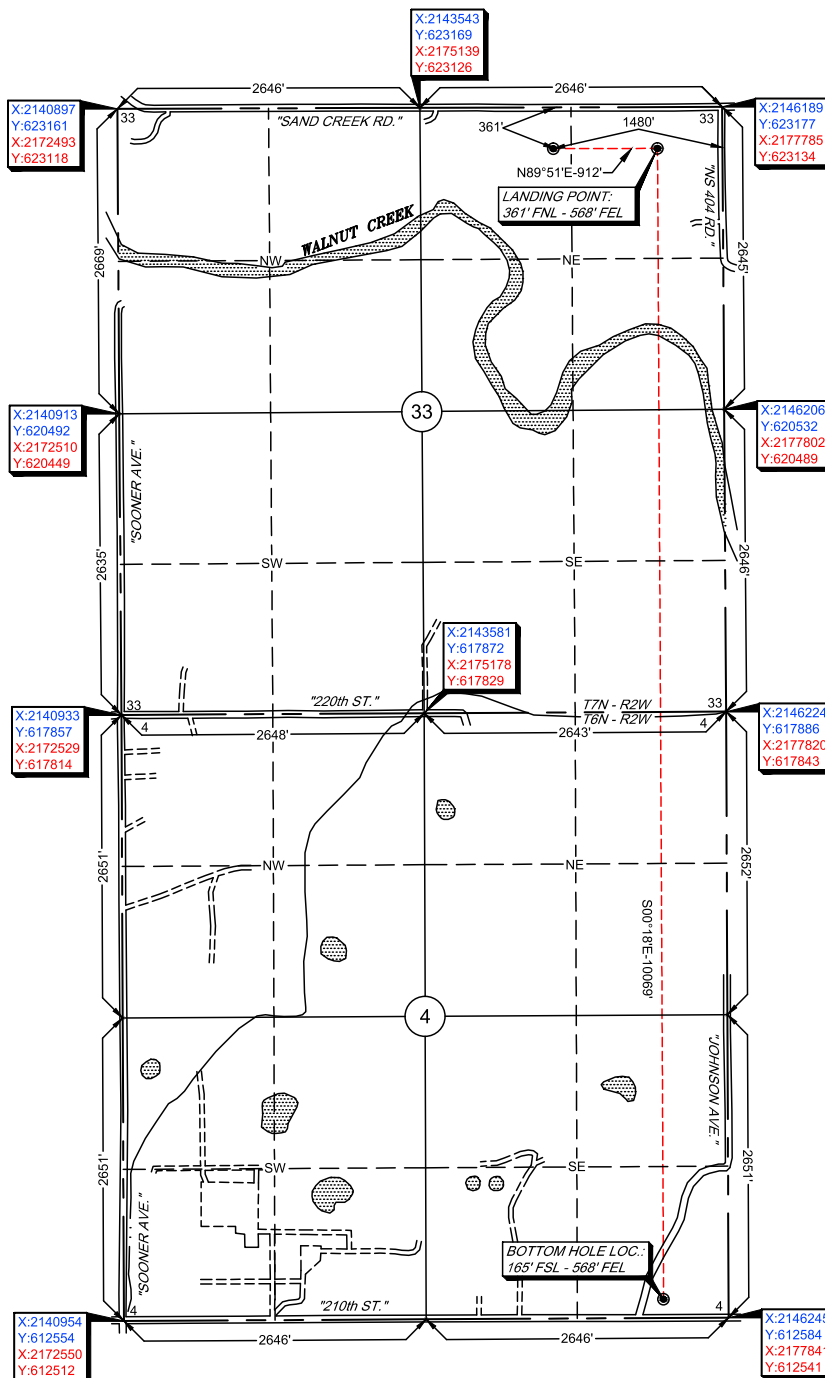
Lon: 97°24'28.75"W

Lat: 35.01553929

Lon: -97.40798568

X: 2177272

Y: 612703



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping 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.

Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2020

Invoice #7094-A

Date Staked: 08/16/18

By: J.W.

Date Drawn: 08/20/18

By: C.K.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

08/24/18

OK LPLS 1664

