

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

API NUMBER: 121 24772 A

Approval Date: 10/27/2016
Expiration Date: 04/27/2017

Horizontal Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 19 Twp: 3N Rge: 12E County: PITTSBURG
SPOT LOCATION: NE NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 290 853

Lease Name: BOWEN Well No: 3-18/7H Well will be 290 feet from nearest unit or lease boundary.
Operator Name: BP AMERICA PRODUCTION COMPANY Telephone: 2813666973; 2813666 OTC/OCC Number: 1640 0

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

FARRELL CUNNINGHAM
32 CUNNINGHAM LANE
STUART OK 74570

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

	Name	Depth	Name	Depth
1	WOODFORD	9100	6	
2	HUNTON	9200	7	
3	SYLVAN	12128	8	
4			9	
5			10	

Spacing Orders: 544775 Location Exception Orders: 648798 Increased Density Orders: 648984
646353

Pending CD Numbers: 201602897

Special Orders:

Total Depth: 14940 Ground Elevation: 711 Surface Casing: 293 IP Depth to base of Treatable Water-Bearing FM: 70

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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.

HORIZONTAL HOLE 1

Sec 07 Twp 3N Rge 12E County PITTSBURG

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 47

Feet From: EAST 1/4 Section Line: 1856

Depth of Deviation: 8558

Radius of Turn: 573

Direction: 350

Total Length: 5481

Measured Total Depth: 14940

True Vertical Depth: 12128

End Point Location from Lease,
Unit, or Property Line: 47

Notes:

Category	Description
COMPLETION INTERVAL	10/27/2016 - G75 - COMPLETION INTERVAL FOR SYLVAN GREATER THAN 330' FROM BOUNDARIES OF 18-3N-12E PER OPERATOR
HYDRAULIC FRACTURING	10/26/2016 - 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/ 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.
INCREASED DENSITY - 648984	10/27/2016 - G75 - 18-3N-12E X544775 WDFD 4 WELLS BP AMERICA PROD. CO. 1-25-2016
LOCATION EXCEPTION - 648798	10/27/2016 - G75 - (I.O.) 18-3N-12E X544775 WDFD, OTHER 18-3N-12E X646353 HNTN 18-3N-12E COMPL. INT. (18-3N-12E) NCT 165' FSL, NCT 0' FNL, NCT 1200' FEL BP AMERICA PROD. CO. 1-20-2016
PENDING CD - 201602897	10/27/2016 - G75 - (640)(HOR) 18-3N-12E EST SLVN COMPL. INT. NCT 330' FB REC 8-9-2016 (M. PORTER)
SPACING - 544775	10/27/2016 - G75 - (640) 18-3N-12E EXT 530574/539583/541168 WDFD, OTHERS
SPACING - 646353	10/27/2016 - G75 - (640) 18-3N-12E EXT 546851 HNTN

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.