

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

API NUMBER: 087 22111

Approval Date: 03/02/2018

Expiration Date: 09/02/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 6N Rge: 3W

County: MCCLAIN

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 285 361

Lease Name: DRAIN 6N 3W 1

Well No: 1HX

Well will be 285 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

MCELDERRY RENTALS, LLC  
P.O. BOX 428  
PURCELL OK 73080

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

Name	Depth	Name	Depth
1 WOODFORD	8215	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 20181085  
20181086  
20181087  
20181088

Special Orders:

Total Depth: 18500

Ground Elevation: 1198

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 290

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 located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

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 PIT LINER REQUIRED, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED 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 located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 01 Twp 6N Rge 3W County MCCLAIN

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1216

Depth of Deviation: 7569

Radius of Turn: 477

Direction: 360

Total Length: 10282

Measured Total Depth: 18600

True Vertical Depth: 8300

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/1/2018 - 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](http://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](http://FRACFOCUS.ORG)

PENDING CD - 201801085

3/2/2018 - G58 - (640)(HOR) 12-6N-3W  
VAC 583036 (W2 NE4 OF 12-6N-3W) WDFD  
EXT 664736 WDFD  
COMPL. INT. 165' FNL & FSL, 330' FEL & FWL  
(COEXIST SP. ORDER 574272 WDFD, SP. ORDER 583036 (E2 NE4) WDFD)  
REC 2/27/2018 (MILLER)

PENDING CD - 201801086

3/2/2018 - G58 - (I.O.) 1 & 12-6N-3W  
EST MULTIUNIT HORIZONTAL WELL  
X201801088 WDFD (1-6N-3W)  
X201801085 WDFD (12-6N-3W)  
50% 1-6N-3W  
50% 12-6N-3W  
NO OP. NAMED  
REC 2/27/2018 (MILLER)

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.

087 22111 DRAIN 6N 3W 1 1HX

Category	Description
PENDING CD - 201801087	3/2/2018 - G58 - (I.O.) 1 & 12-6N-3W X201801088 WDFD (1-6N-3W) X201801085 WDFD (12-6N-3W) COMPL. INT. (12-6N-3W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (1-6N-3W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 2/27/2018 (MILLER)
PENDING CD - 201801088	3/2/2018 - G58 - (640)(HOR) 1-6N-3W VAC 581216 (W2 SE4 OF 1-6N-3W) WDFD EXT 664736 WDFD COMPL. INT. 165' FNL & FSL, 330' FEL & FWL (COEXIST SP. ORDER 581216 (E2 SE4) WDFD) REC 2/27/2018 (MILLER)



# Well Location Plat

Operator: BP AMERICA PRODUCTION COMPANY  
Lease Name and No.: DRAIN 6N 3W 1 1HX  
Footage: 285' FNL - 361' FEL Gr. Elevation: 1198'  
Section: 14 Township: 6N Range: 3W I.M.  
County: McClain State of Oklahoma  
Terrain at Loc.: Location fell in a pasture.

087-22111

S.H.L. Sec. 14-6N-3W I.M.  
B.H.L. Sec. 1-6N-3W I.M.



All bearings shown  
are grid bearings.



1" = 1500'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 34°59'59.24"N  
Lon: 97°28'40.90"W  
Lat: 34.99978835  
Lon: -97.47802836  
X: 2124825  
Y: 606872

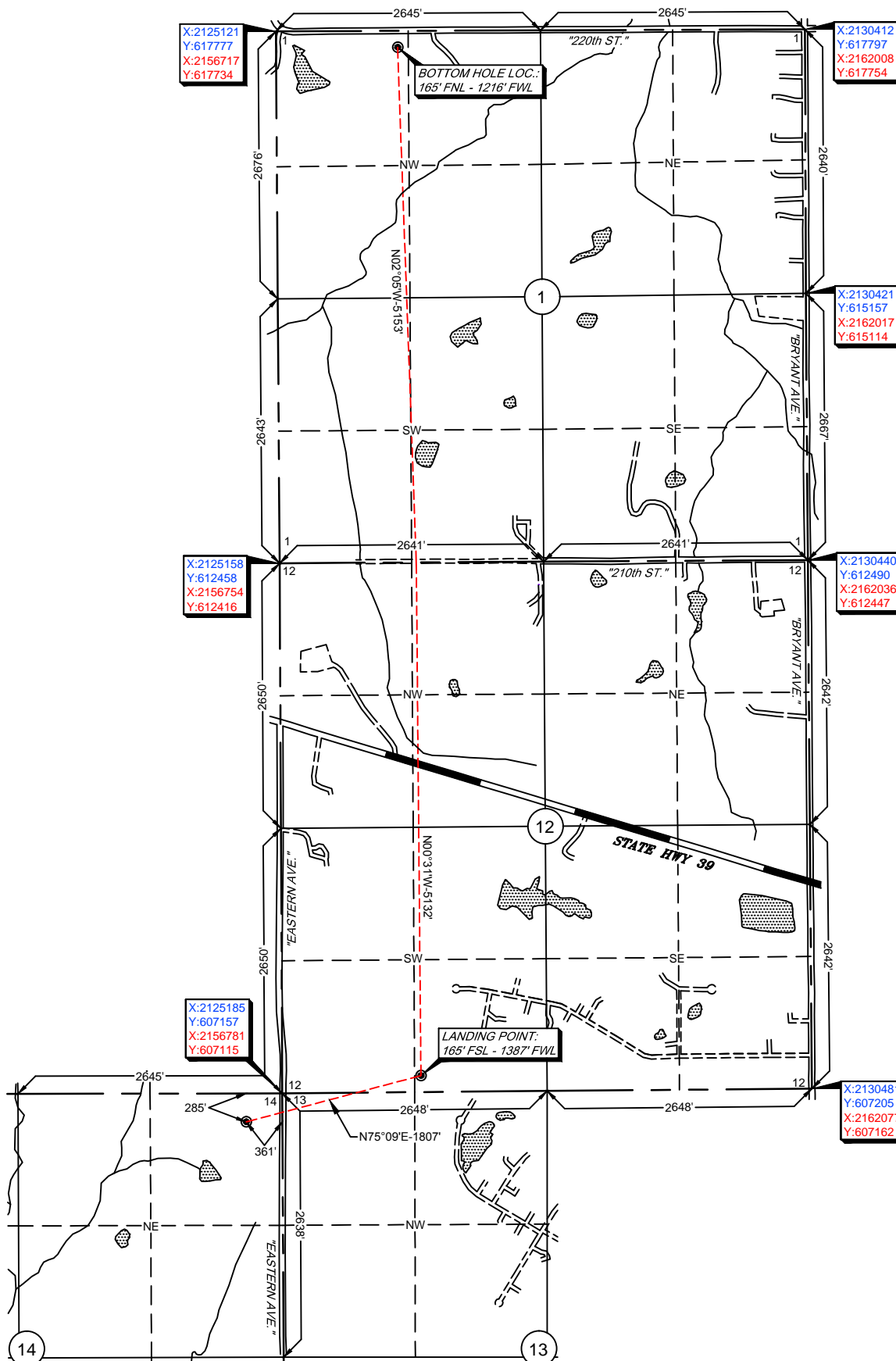
Surface Hole Loc.:  
Lat: 34°59'58.98"N  
Lon: 97°28'39.79"W  
Lat: 34.99971770  
Lon: -97.47772012  
X: 2156421  
Y: 606829

Landing Point:  
Lat: 35°00'03.73"N  
Lon: 97°28'19.88"W  
Lat: 35.00103566  
Lon: -97.47218983  
X: 2126571  
Y: 607335

Landing Point:  
Lat: 35°00'03.47"N  
Lon: 97°28'18.77"W  
Lat: 35.00096495  
Lon: -97.47188168  
X: 2158167  
Y: 607292

Bottom Hole Loc.:  
Lat: 35°01'45.43"N  
Lon: 97°28'22.04"W  
Lat: 35.02928725  
Lon: -97.47278851  
X: 2126338  
Y: 617616

Bottom Hole Loc.:  
Lat: 35°01'45.18"N  
Lon: 97°28'20.93"W  
Lat: 35.02921711  
Lon: -97.47247988  
X: 2157934  
Y: 617574



-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, 2018

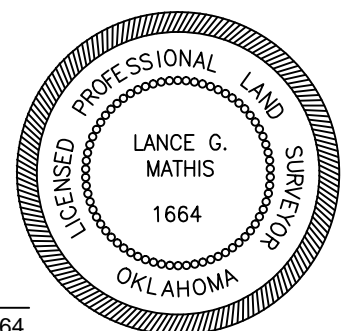
## Certification:

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

02/20/18

OK LPLS 1664



Invoice #7485-B

Date Staked: 02/08/18 By: D.A.  
Date Drawn: 02/15/18 By: C.K.