



## ***SURVEY NOTES***

1. SEE SHEET 2 OF 2 FOR COORDINATE TABLE,  
SURVEY NOTES, AND SURVEYOR'S CERTIFICATE.

|                     |                   |                   |                    |                 |          |
|---------------------|-------------------|-------------------|--------------------|-----------------|----------|
| DRAWN BY<br>CFW/RLM | CHECKED BY<br>RLT | SCALE<br>1"=1000' | DATE<br>10/18/2017 | SHEET<br>1 OF 2 | REVISION |
|---------------------|-------------------|-------------------|--------------------|-----------------|----------|



BP AMERICA  
PRODUCTION COMPANY  
US LOWER 48 ONSHORE

## WELL LOCATION PLAT

UTE AD 2  
PART OF  
SECTION 08, TOWNSHIP 33N, RANGE 07W,  
N.M.P.M.  
LA PLATA COUNTY, COLORADO

| UTE AD 2 WELLBORE DISTANCES                        |        |
|--|--------|
| SHL TO TOP PILOT, LAT 1, AND LAT 1 ST 1            | 882'   |
| SHL TO TOP LAT 2                                   | 916'   |
| TOP PILOT, LAT 1, AND LAT 1 ST 1 TO BHL PILOT      | 498'   |
| TOP PILOT, LAT 1, AND LAT 1 ST 1 TO BHL LAT 1      | 2,953' |
| TOP PILOT, LAT 1, AND LAT 1 ST 1 TO BHL LAT 1 ST 1 | 5,941' |
| TOP LAT 2 TO BHL LAT 2                             | 4,980' |

| UTE AD 2  | CSZ NAD'83                                     | NAD'83  | TIES                      | SEC / TWP / RNG          | ELEVATION                   |
|---|--|---|---------------------------|--------------------------|-----------------------------|
| PROPOSED SURFACE HOLE LOCATION (SHL)                                  | N (Y) = 1,173,209.41'<br>E (X) = 2,380,138.20' | LAT. = 37.12298221°N<br>LON. = 107.62614446°W | FNL = 1038'<br>FEL = 932' | SEC 08, TWP 33N, RNG 07W | EXISTING GROUND<br>6498.16' |
| PROPOSED TOP OF PRODUCTION (TOP) PILOT, LATERAL 1, AND LATERAL 1 ST 1 | N (Y) = 1,172,678.82'<br>E (X) = 2,380,197.28' | LAT. = 37.12152907°N<br>LON. = 107.62590047°W | FNL = 1568'<br>FEL = 857' | SEC 08, TWP 33N, RNG 07W | PROPOSED GRADE<br>6498.05'  |
| PROPOSED TOP OF PRODUCTION (TOP) LATERAL 2                            | N (Y) = 1,172,645.54'<br>E (X) = 2,380,189.60' | LAT. = 37.12143722°N<br>LON. = 107.62592421°W | FNL = 1600'<br>FEL = 864' | SEC 08, TWP 33N, RNG 07W |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT                             | N (Y) = 1,172,180.83'<br>E (X) = 2,380,192.93' | LAT. = 37.12016148°N<br>LON. = 107.62587652°W | FNL = 2064'<br>FEL = 846' | SEC 08, TWP 33N, RNG 07W |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 1                         | N (Y) = 1,169,726.19'<br>E (X) = 2,380,203.12' | LAT. = 37.11342247°N<br>LON. = 107.62565003°W | FSL = 718'<br>FEL = 760'  | SEC 08, TWP 33N, RNG 07W |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 1 ST 1                    | N (Y) = 1,169,799.16'<br>E (X) = 2,376,687.29' | LAT. = 37.11340249°N<br>LON. = 107.63770942°W | FSL = 719'<br>FWL = 956'  | SEC 08, TWP 33N, RNG 07W |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 2                         | N (Y) = 1,169,996.78'<br>E (X) = 2,376,647.92' | LAT. = 37.11394262°N<br>LON. = 107.63785990°W | FSL = 915'<br>FWL = 916'  | SEC 08, TWP 33N, RNG 07W |                             |

## SURVEY NOTES

1. BEARING BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983, COLORADO STATE PLANE COORDINATE SYSTEM, COLORADO SOUTH, ZONE 0503.
2. ELEVATION BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A).
3. SURVEYED IN THE FIELD ON 06/13/2017.
4. BEARINGS AND DISTANCE SHOWN ARE MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES SHOWN ARE GRID USING A COMBINED SCALE FACTOR 0.99971823.
6. GPS INSTRUMENT OPERATOR: KENNETH E. REA
7. GPS PDOP VALUE: 1.9

## SURVEYOR'S CERTIFICATE

I, ROBERT L. TRUDEAUX, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM AN ACTUAL SURVEY PERFORMED BY ME OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION AND CHECKING, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF BASED ON THE STANDARDS OF CARE OF PROFESSIONAL LAND SURVEYORS PRACTICING IN THE STATE OF COLORADO. THIS DOES NOT REPRESENT A LAND SURVEY PLAT, IMPROVEMENT SURVEY PLAT, OR MONUMENTED LAND SURVEY AS DEFINED BY COLORADO REVISED STATUTES 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP. THIS SURVEY IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED.



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|                     |                   |              |                    |                 |          |
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| DRAWN BY<br>CFW/RLM | CHECKED BY<br>RLT | SCALE<br>N/A | DATE<br>10/18/2017 | SHEET<br>2 OF 2 | REVISION |
|---------------------|-------------------|--------------|--------------------|-----------------|----------|