




| FISCHER-MARK FEDERAL B 5 WELLBORE DISTANCES |        |
|---------------------------------------------|--------|
| SHL TO TOP                                  | 283'   |
| TOP TO BHL PILOT                            | 527'   |
| TOP TO BHL LATERAL 1                        | 3,397' |
| TOP TO BHL LATERAL 1 ST 1                   | 3,349' |

| FISCHER-MARK FEDERAL B 5                                              | CSZ NAD'83                                     | NAD'83                                        | TIES                       | ELEVATION                   |
|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|----------------------------|-----------------------------|
| PROPOSED SURFACE HOLE LOCATION (SHL)                                  | N (Y) = 1,214,702.34'<br>E (X) = 2,409,773.11' | LAT. = 37.23871940°N<br>LON. = 107.52761736°W | FSL = 987'<br>FEL = 1013'  | EXISTING GROUND<br>7184.13' |
| PROPOSED TOP OF PRODUCTION (TOP) PILOT, LATERAL 1, AND LATERAL 1 ST 1 | N (Y) = 1,214,979.26'<br>E (X) = 2,409,716.92' | LAT. = 37.23947641°N<br>LON. = 107.52783097°W | FSL = 1262'<br>FEL = 1076' | PROPOSED GRADE<br>7184.71'  |
| PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT                             | N (Y) = 1,215,495.73'<br>E (X) = 2,409,612.13' | LAT. = 37.24088826°N<br>LON. = 107.52822937°W | FSL = 1775'<br>FEL = 1194' |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 1                         | N (Y) = 1,218,308.08'<br>E (X) = 2,409,041.80' | LAT. = 37.24857624°N<br>LON. = 107.53039805°W | FNL = 710'<br>FEL = 1830'  |                             |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 1 ST 1                    | N (Y) = 1,218,284.44'<br>E (X) = 2,410,061.93' | LAT. = 37.24857217°N<br>LON. = 107.52689246°W | FNL = 710'<br>FEL = 810'   |                             |

| FISCHER-MARK FEDERAL B 1             | CSZ NAD'83                                     | NAD'83                                        | TIES                     | ELEVATION                   |
|--------------------------------------|------------------------------------------------|-----------------------------------------------|--------------------------|-----------------------------|
| EXISTING SURFACE HOLE LOCATION (SHL) | N (Y) = 1,214,702.50'<br>E (X) = 2,409,803.11' | LAT. = 37.23872163°N<br>LON. = 107.52751434°W | FSL = 988'<br>FEL = 983' | EXISTING GROUND<br>7184.71' |
| EXISTING TOP OF PRODUCTION (TOP)     | N (Y) = 1,214,702.50'<br>E (X) = 2,409,803.11' | LAT. = 37.23872163°N<br>LON. = 107.52751434°W | FSL = 988'<br>FEL = 983' | PROPOSED GRADE<br>7184.71'  |
| EXISTING BOTTOM HOLE LOCATION (BHL)  | N (Y) = 1,214,702.50'<br>E (X) = 2,409,803.11' | LAT. = 37.23872163°N<br>LON. = 107.52751434°W | FSL = 988'<br>FEL = 983' |                             |

## 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 11/11/2016.
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 0.99965871.
6. GPS INSTRUMENT OPERATOR: KENNETH E. REA
7. GPS PDOP VALUE: 2.1

|                                                                                       |                                                                                                                             |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | BP AMERICA<br>PRODUCTION COMPANY<br>US LOWER 48 ONSHORE                                                                     |
|                                                                                       | MULTI-WELL PLAN                                                                                                             |
|                                                                                       | <b>FISCHER-MARK FEDERAL B 5</b><br>PART OF<br>SECTION 04, TOWNSHIP 34N, RANGE 06W,<br>N.M.P.M.<br>LA PLATA COUNTY, COLORADO |

|                 |                   |              |                    |                 |          |
|-----------------|-------------------|--------------|--------------------|-----------------|----------|
| DRAWN BY<br>CFW | CHECKED BY<br>RLM | SCALE<br>N/A | DATE<br>03/09/2017 | SHEET<br>2 OF 2 | REVISION |
|-----------------|-------------------|--------------|--------------------|-----------------|----------|