

SURVEY NOTES

1. SEE SHEET 3 OF 3 FOR COORDINATE TABLES.
2. BEARING BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983, COLORADO STATE PLANE COORDINATE SYSTEM, COLORADO SOUTH, ZONE 0503.
3. ELEVATION BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A).
4. SURVEYED IN THE FIELD ON 10/10/2016.
5. BEARINGS AND DISTANCE SHOWN ARE MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
6. ALL MEASURED DISTANCES SHOWN ARE GRID USING A COMBINED SCALE FACTOR 0.99964480.
7. GPS INSTRUMENT OPERATOR: KENNETH E. REA
8. GPS PDOP VALUE: 2.0/2.0/2.0

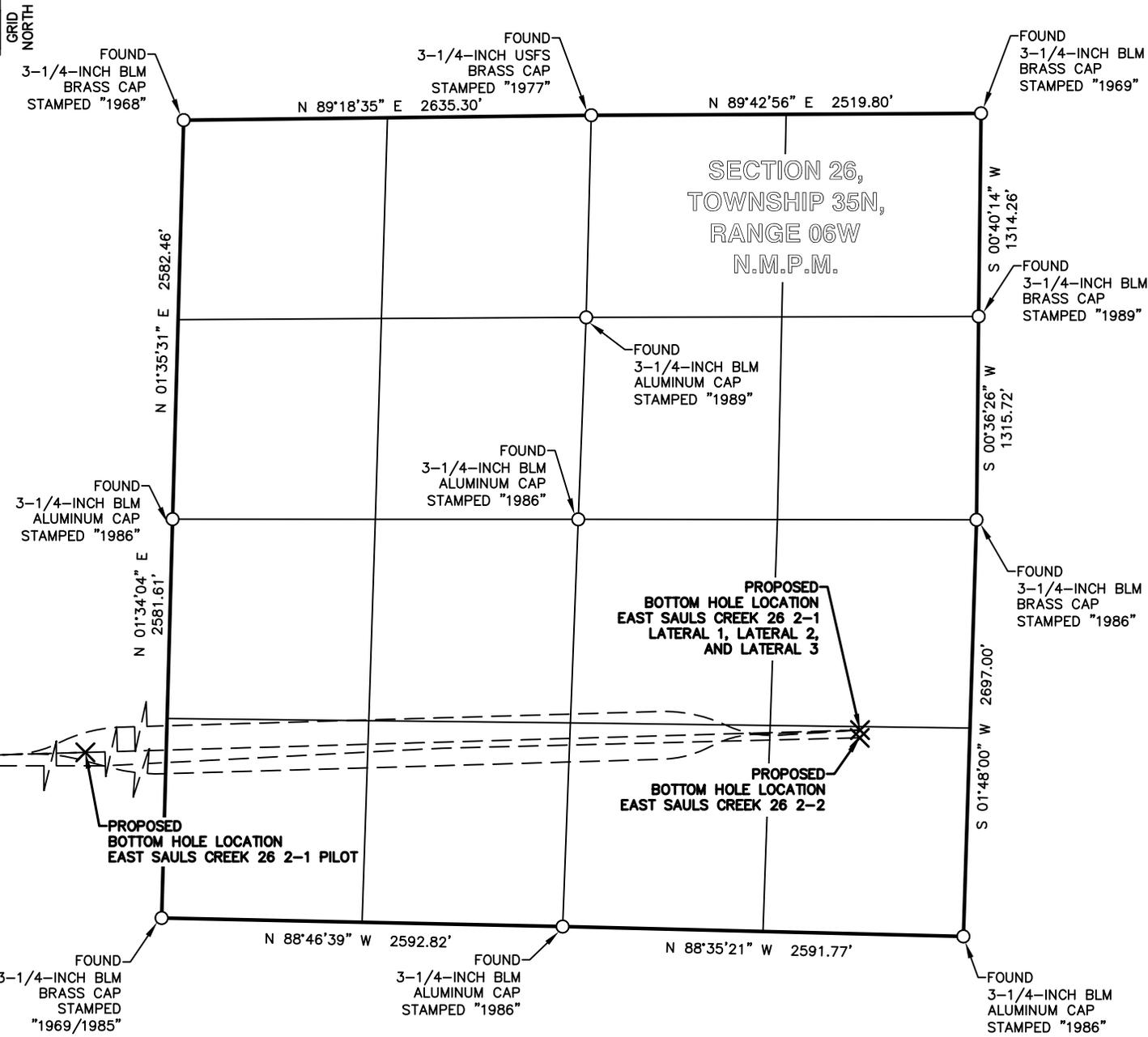
DRAWN BY CFW	CHECKED BY RLM	SCALE 1"=1000'	DATE 12/13/2016	SHEET 1 OF 3	REVISION
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	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
	MULTI-WELL PLAN
YANKEE FEDERAL A 1, EAST SAULS CREEK 26 2-1 AND EAST SAULS CREEK 26 2-2 PART OF SECTION 26 AND SECTION 27, TOWNSHIP 35N, RANGE 06W, N.M.P.M. LA PLATA COUNTY, COLORADO	

0 500 1000 2000

GRAPHIC SCALE IN FEET

LEGEND
 FOUND MONUMENT ○
 SURFACE HOLE LOCATION ⊕
 BOTTOM HOLE LOCATION ×



 **BP AMERICA**
 PRODUCTION COMPANY
 US LOWER 48 ONSHORE

MULTI-WELL PLAN

YANKEE FEDERAL A 1, EAST SAULS CREEK 26 2-1 AND EAST SAULS CREEK 26 2-2
 PART OF
 SECTION 26 AND SECTION 27, TOWNSHIP 35N,
 RANGE 06W, N.M.P.M.
 LA PLATA COUNTY, COLORADO

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YANKEE FEDERAL A 1 WELLBORE DISTANCES	
SHL TO TOP	123'
TOP TO BHL LATERAL 1	3,342'
TOP TO BHL LATERAL 1 ST 1	3,518'

YANKEE FEDERAL A 1	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
EXISTING SURFACE HOLE LOCATION (SHL)	N (Y) = 1,225,125.66' E (X) = 2,414,631.23'	LAT. = 37.26762774°N LON. = 107.51170438°W	FSL = 950' FEL = 1630'	SEC 27, TWP 35N, RNG 06W	EXISTING GROUND 7466.59'
EXISTING BOTTOM HOLE LOCATION (BHL)	N (Y) = 1,225,058.15' E (X) = 2,414,525.79'	LAT. = 37.26743614°N LON. = 107.51206164°W	FSL = 879' FEL = 1734'	SEC 27, TWP 35N, RNG 06W	PROPOSED GRADE 7466.59'
PROPOSED TOP OF PRODUCTION (TOP) LAT 1 AND LAT 1 ST 1	N (Y) = 1,225,082.70' E (X) = 2,414,536.47'	LAT. = 37.26750418°N LON. = 107.51202676°W	FSL = 904' FEL = 1724'	SEC 27, TWP 35N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 1,226,268.30' E (X) = 2,411,710.83'	LAT. = 37.27059200°N LON. = 107.52182262°W	FSL = 2031' FWL = 715'	SEC 27, TWP 35N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1	N (Y) = 1,226,443.29' E (X) = 2,411,712.40'	LAT. = 37.27107257°N LON. = 107.52183024°W	FSL = 2206' FWL = 716'	SEC 27, TWP 35N, RNG 06W	

EAST SAULS CREEK 26 2-1 WELLBORE DISTANCES	
SHL TO TOP	495'
TOP TO BHL PILOT	630'
TOP TO BHL LATERAL 1	5,640'
TOP TO BHL LATERAL 2	5,691'
TOP TO BHL LATERAL 3	5,680'

EAST SAULS CREEK 26 2-1	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,225,165.69' E (X) = 2,414,617.17'	LAT. = 37.26773682°N LON. = 107.51175565°W	FSL = 990' FEL = 1645'	SEC 27, TWP 35N, RNG 06W	EXISTING GROUND 7465.93'
PROPOSED TOP OF PRODUCTION (TOP) PILOT, LAT 1, LAT 2, AND LAT 3	N (Y) = 1,225,180.02' E (X) = 2,415,111.77'	LAT. = 37.26780541°N LON. = 107.51005747°W	FSL = 1019' FEL = 1151'	SEC 27, TWP 35N, RNG 06W	PROPOSED GRADE 7466.59'
PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT	N (Y) = 1,225,198.28' E (X) = 2,415,741.67'	LAT. = 37.26789275°N LON. = 107.50789474°W	FSL = 1056' FEL = 522'	SEC 27, TWP 35N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 1,225,342.94' E (X) = 2,420,749.45'	LAT. = 37.26858430°N LON. = 107.49070055°W	FSL = 1318' FEL = 710'	SEC 26, TWP 35N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2	N (Y) = 1,225,342.94' E (X) = 2,420,749.45'	LAT. = 37.26858430°N LON. = 107.49070055°W	FSL = 1318' FEL = 710'	SEC 26, TWP 35N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 3	N (Y) = 1,225,342.94' E (X) = 2,420,749.45'	LAT. = 37.26858430°N LON. = 107.49070055°W	FSL = 1318' FEL = 710'	SEC 26, TWP 35N, RNG 06W	

EAST SAULS CREEK 26 2-2 WELLBORE DISTANCES	
SHL TO TOP	0'
TOP TO BHL	6,160'

EAST SAULS CREEK 26 2-2	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,225,111.60' E (X) = 2,414,591.20'	LAT. = 37.26758677°N LON. = 107.51184087°W	FSL = 935' FEL = 1670'	SEC 27, TWP 35N, RNG 06W	EXISTING GROUND 7465.34'
PROPOSED TOP OF PRODUCTION (TOP)	N (Y) = 1,225,111.60' E (X) = 2,414,591.20'	LAT. = 37.26758677°N LON. = 107.51184087°W	FSL = 935' FEL = 1670'	SEC 27, TWP 35N, RNG 06W	PROPOSED GRADE 7466.59'
PROPOSED BOTTOM HOLE LOCATION (BHL)	N (Y) = 1,225,292.96' E (X) = 2,420,747.88'	LAT. = 37.26844698°N LON. = 107.49070228°W	FSL = 1268' FEL = 710'	SEC 26, TWP 35N, RNG 06W	

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