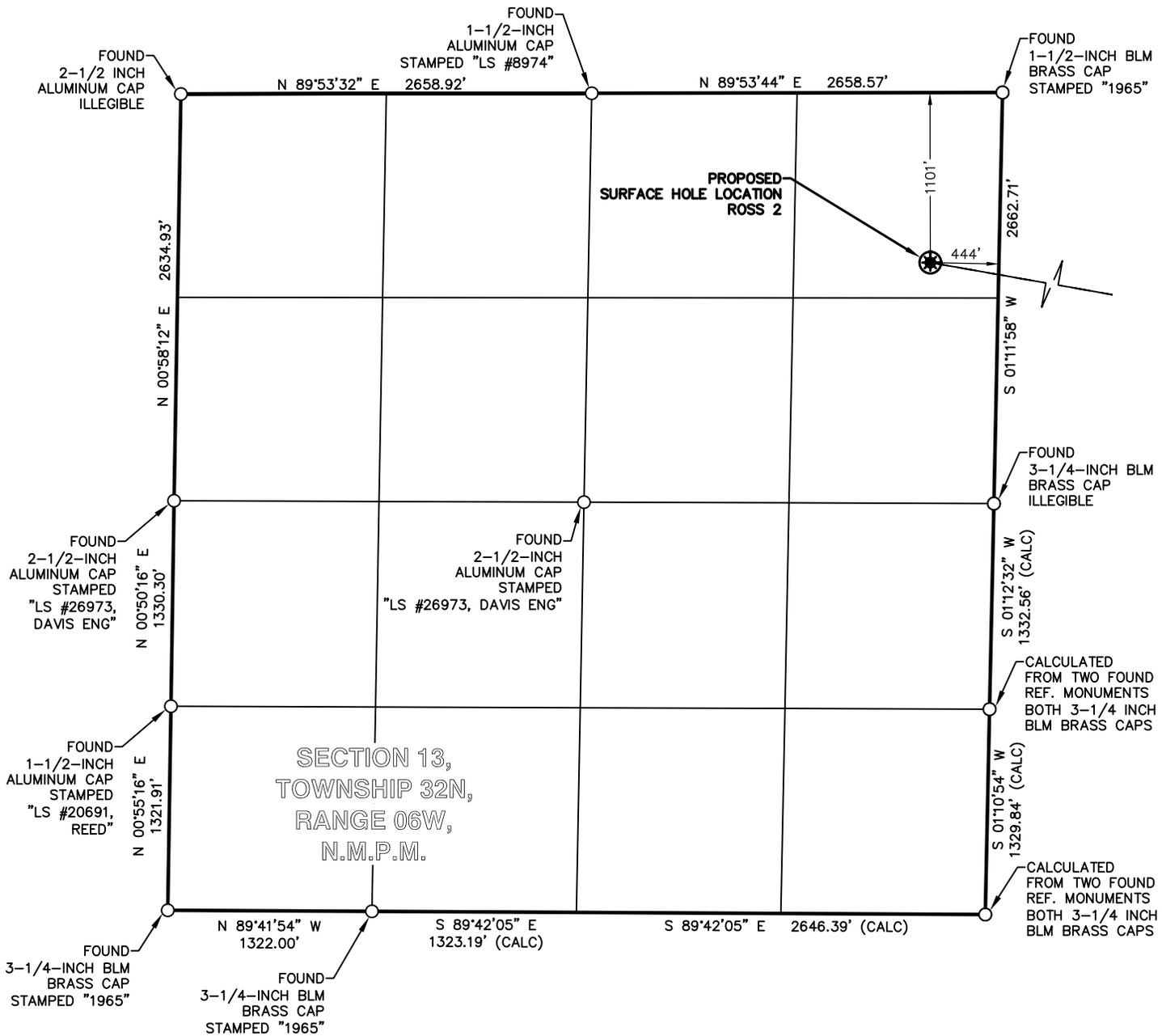


0 500 1000 2000

GRAPHIC SCALE IN FEET



**LEGEND**  
 FOUND MONUMENT ○  
 PROPOSED SURFACE HOLE LOCATION ⊗  
 PROPOSED BOTTOM HOLE LOCATION ×



**SURVEY NOTES**

- SEE SHEET 3 OF 3 FOR SURVEY NOTES, COORDINATE TABLE, AND SURVEYOR'S CERTIFICATE.

DRAWN BY CFW	CHECKED BY BMB	SCALE 1"=1000'	DATE 05/29/2018	SHEET 1 OF 3	REVISION
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	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
	WELL LOCATION PLAT
<b>ROSS 2</b> PART OF SECTION 13 TOWNSHIP 32N, RANGE 06W, N.M.P.M. AND SECTION 18, TOWNSHIP 32N, RANGE 05W, N.M.P.M. LA PLATA COUNTY, COLORADO	

0 500 1000 2000

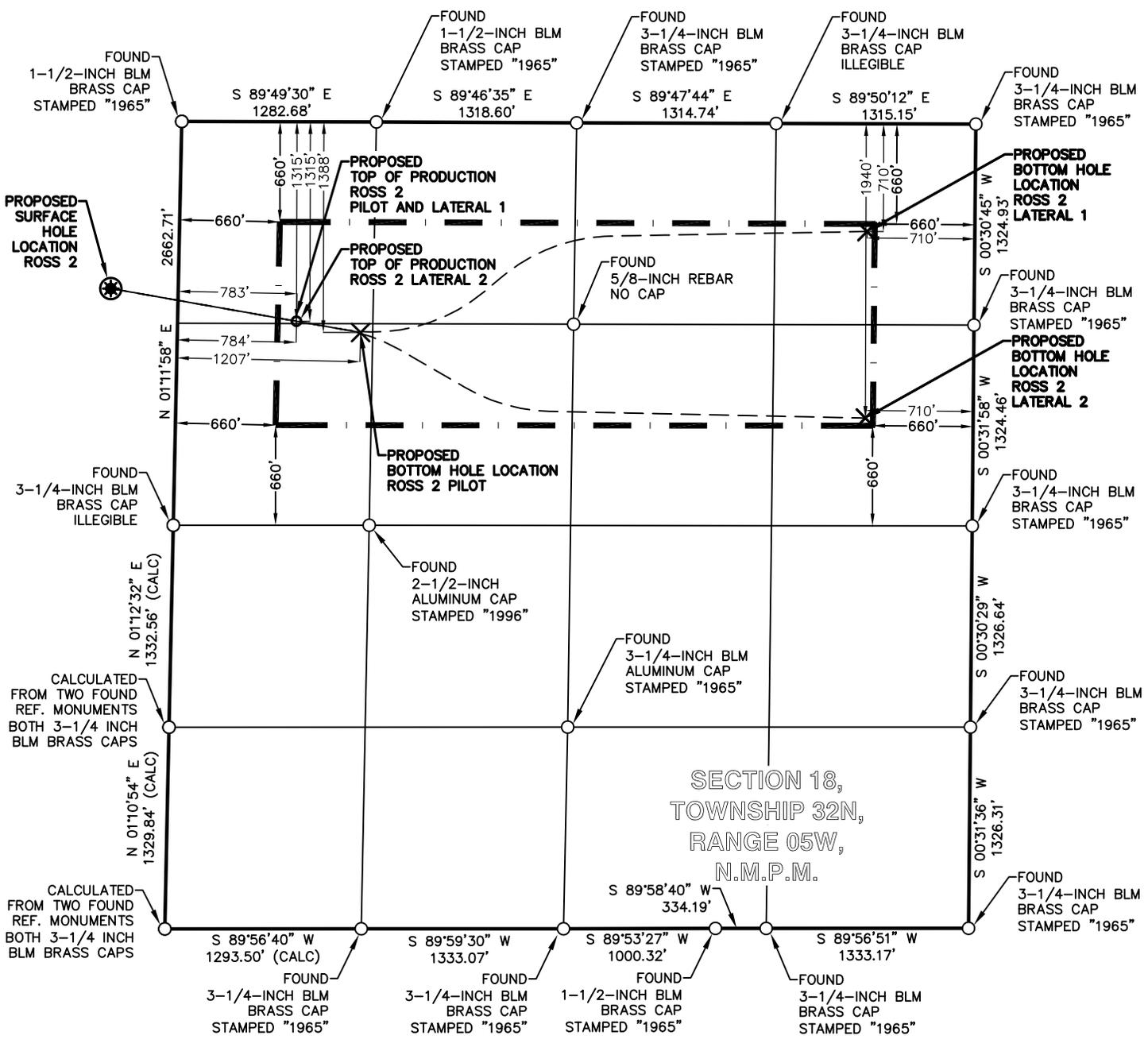
GRAPHIC SCALE IN FEET

**LEGEND**

FOUND MONUMENT ○

PROPOSED SURFACE HOLE LOCATION ⊗

PROPOSED BOTTOM HOLE LOCATION ×



	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
	WELL LOCATION PLAT
ROSS 2 PART OF SECTION 13 TOWNSHIP 32N, RANGE 06W, N.M.P.M. AND SECTION 18, TOWNSHIP 32N, RANGE 05W, N.M.P.M. LA PLATA COUNTY, COLORADO	

DRAWN BY CFW	CHECKED BY BMB	SCALE 1"=1000'	DATE 05/29/2018	SHEET 2 OF 3	REVISION
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ROSS 2 WELLBORE DISTANCES	
SHL TO TOP PILOT AND LATERAL 1	1,242'
SHL TO TOP LATERAL 2	1,242'
TOP PILOT AND LATERAL 1 TO BHL PILOT	429'
TOP PILOT AND LATERAL 1 TO BHL LATERAL 1	3,927'
TOP LATERAL 2 TO BHL LATERAL 2	3,872'

ROSS 2	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,135,307.11' E (X) = 2,432,469.60'	LAT. = 37.02204368°N LON. = 107.44399528°W	FNL = 1101' FWL = 444'	SEC 13, TWP 32N, RNG 06W	EXISTING GROUND 6223.55'
PROPOSED TOP OF PRODUCTION (TOP) PILOT AND LATERAL 1	N (Y) = 1,135,091.49' E (X) = 2,433,692.45'	LAT. = 37.02152145°N LON. = 107.43979244°W	FNL = 1315' FWL = 783'	SEC 18, TWP 32N, RNG 05W	PROPOSED GRADE 6224.28'
PROPOSED TOP OF PRODUCTION (TOP) LATERAL 2	N (Y) = 1,135,091.37' E (X) = 2,433,693.12'	LAT. = 37.02152116°N LON. = 107.43979014°W	FNL = 1315' FWL = 784'	SEC 18, TWP 32N, RNG 05W	
PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT	N (Y) = 1,135,016.94' E (X) = 2,434,115.24'	LAT. = 37.02134086°N LON. = 107.43833936°W	FNL = 1388' FWL = 1207'	SEC 18, TWP 32N, RNG 05W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 1	N (Y) = 1,135,682.80' E (X) = 2,437,451.70'	LAT. = 37.02335874°N LON. = 107.42696120°W	FNL = 710' FEL = 710'	SEC 18, TWP 32N, RNG 05W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LATERAL 2	N (Y) = 1,134,452.79' E (X) = 2,437,440.48'	LAT. = 37.01998076°N LON. = 107.42691272°W	FNL = 1940' FEL = 710'	SEC 18, TWP 32N, RNG 05W	

## 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 05/24/2018.
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 0.99973828.
6. GPS INSTRUMENT OPERATOR: DEREK STODDARD
7. GPS PDOP VALUE: 2.4

## SURVEYOR'S CERTIFICATE

I, BRIAN M. BONIFACE, 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.



	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
WELL LOCATION PLAT	
<b>ROSS 2</b> PART OF SECTION 13 TOWNSHIP 32N, RANGE 06W, N.M.P.M. AND SECTION 18, TOWNSHIP 32N, RANGE 05W, N.M.P.M. LA PLATA COUNTY, COLORADO	

DRAWN BY	CHECKED BY	SCALE	DATE	SHEET	REVISION
CFW	BMB	N/A	05/29/2018	3 OF 3	