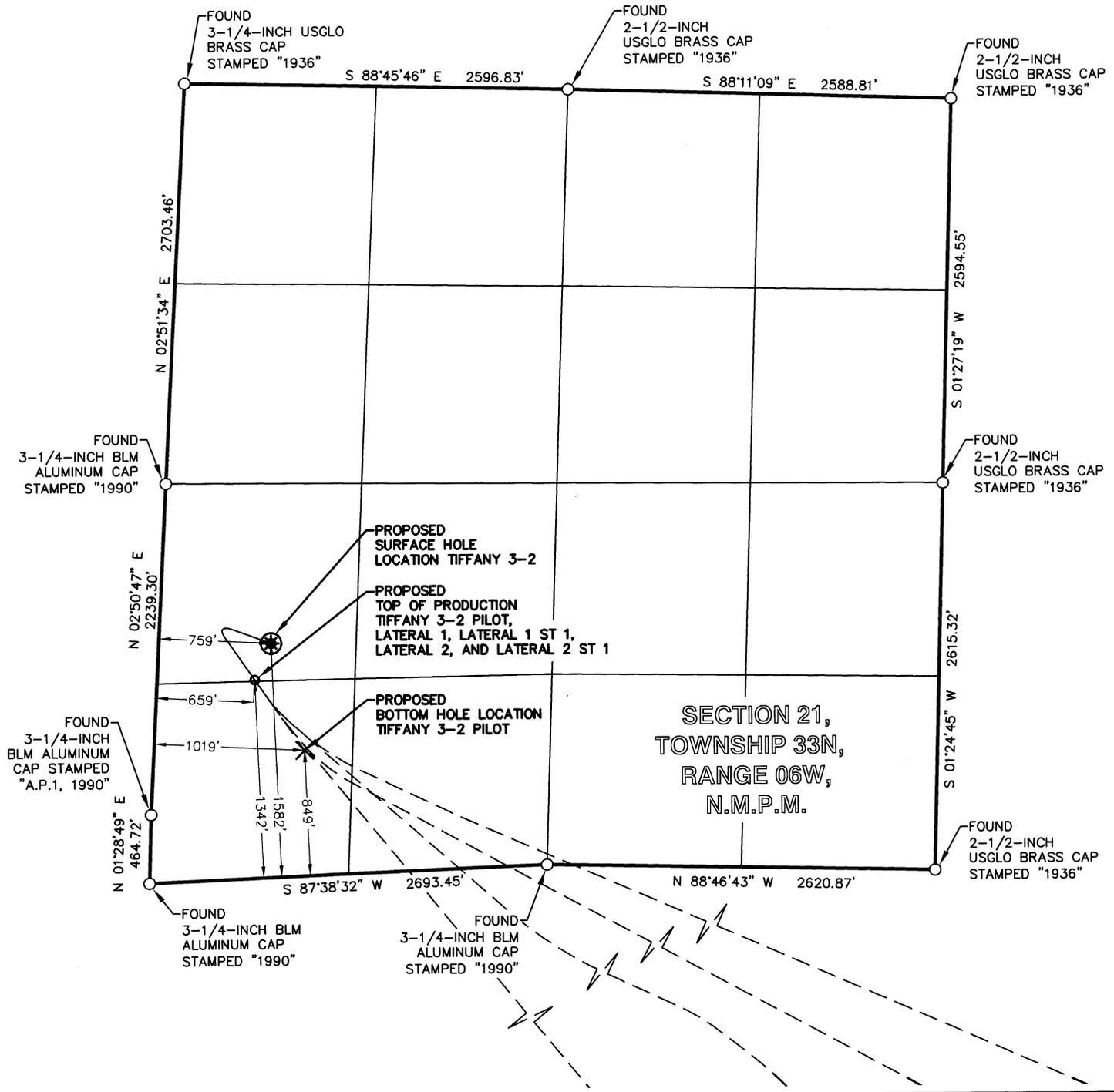
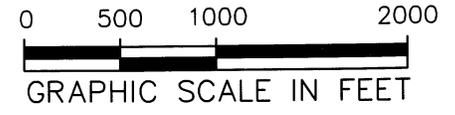


LEGEND
 FOUND MONUMENT ○
 PROPOSED SURFACE HOLE LOCATION ⊙
 PROPOSED BOTTOM HOLE LOCATION ×



SURVEY NOTES

- SEE SHEET 4 OF 4 FOR COORDINATE TABLE, SURVEY NOTES, AND SURVEYOR'S CERTIFICATE.

	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
	WELL LOCATION PLAT
TIFFANY 3-2 PART OF SECTION 21, SECTION 27, AND SECTION 28 TOWNSHIP 33N, RANGE 06W, N.M.P.M. LA PLATA COUNTY, COLORADO	

DRAWN BY CFW/RLM	CHECKED BY BMB	SCALE 1"=1000'	DATE 11/10/2017	SHEET 1 OF 4	REVISION
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TIFFANY 3-2 WELLBORE DISTANCES	
SHL TO TOP	758'
TOP TO BHL PILOT	586'
TOP TO BHL LATERAL 1	6,659'
TOP TO BHL LATERAL 1 ST 1	7,014'
TOP TO BHL LATERAL 2	6,573'
TOP TO BHL LATERAL 2 ST 1	6,918'

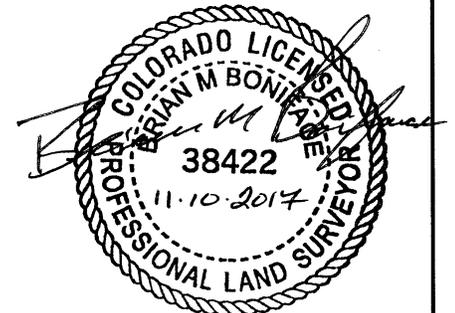
TIFFANY 3-2	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,159,244.15' E (X) = 2,413,099.97'	LAT. = 37.08664269°N LON. = 107.51208893°W	FSL = 1582' FWL = 759'	SEC 21, TWP 33N, RNG 06W	EXISTING GROUND 6718.44'
PROPOSED TOP OF PRODUCTION (TOP) PILOT, LAT 1, LAT 1 ST 1, LAT 2, AND LAT 2 ST 1	N (Y) = 1,158,999.22' E (X) = 2,412,988.30'	LAT. = 37.08596357°N LON. = 107.51245356°W	FSL = 1342' FWL = 659'	SEC 21, TWP 33N, RNG 06W	PROPOSED GRADE 6717.01'
PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT	N (Y) = 1,158,519.35' E (X) = 2,413,324.32'	LAT. = 37.08466584°N LON. = 107.51126652°W	FSL = 849' FWL = 1019'	SEC 21, TWP 33N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 1,153,850.91' E (X) = 2,417,188.80'	LAT. = 37.07207521°N LON. = 107.49767998°W	FSL = 1430' FEL = 297'	SEC 28, TWP 33N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1	N (Y) = 1,155,423.61' E (X) = 2,418,960.09'	LAT. = 37.07649733°N LON. = 107.49172536°W	FNL = 2230' FWL = 1435'	SEC 27, TWP 33N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2	N (Y) = 1,154,733.86' E (X) = 2,417,911.86'	LAT. = 37.07454201°N LON. = 107.49526696°W	FSL = 2328' FWL = 405'	SEC 27, TWP 33N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2 ST 1	N (Y) = 1,155,983.33' E (X) = 2,419,159.21'	LAT. = 37.07804584°N LON. = 107.49108390°W	FNL = 1666' FWL = 1620'	SEC 27, TWP 33N, RNG 06W	

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 11/12/2015.
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 0.99971362.
6. GPS INSTRUMENT OPERATOR: BRIAN BONIFACE
7. GPS PDOP VALUE: 1.7

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.



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WELL LOCATION PLAT	
TIFFANY 3-2 PART OF SECTION 21, SECTION 27, AND SECTION 28 TOWNSHIP 33N, RANGE 06W, N.M.P.M. LA PLATA COUNTY, COLORADO	

DRAWN BY	CHECKED BY	SCALE	DATE	SHEET	REVISION
CFW/RLM	BMB	N/A	11/10/2017	4 OF 4	