

# LEGEND

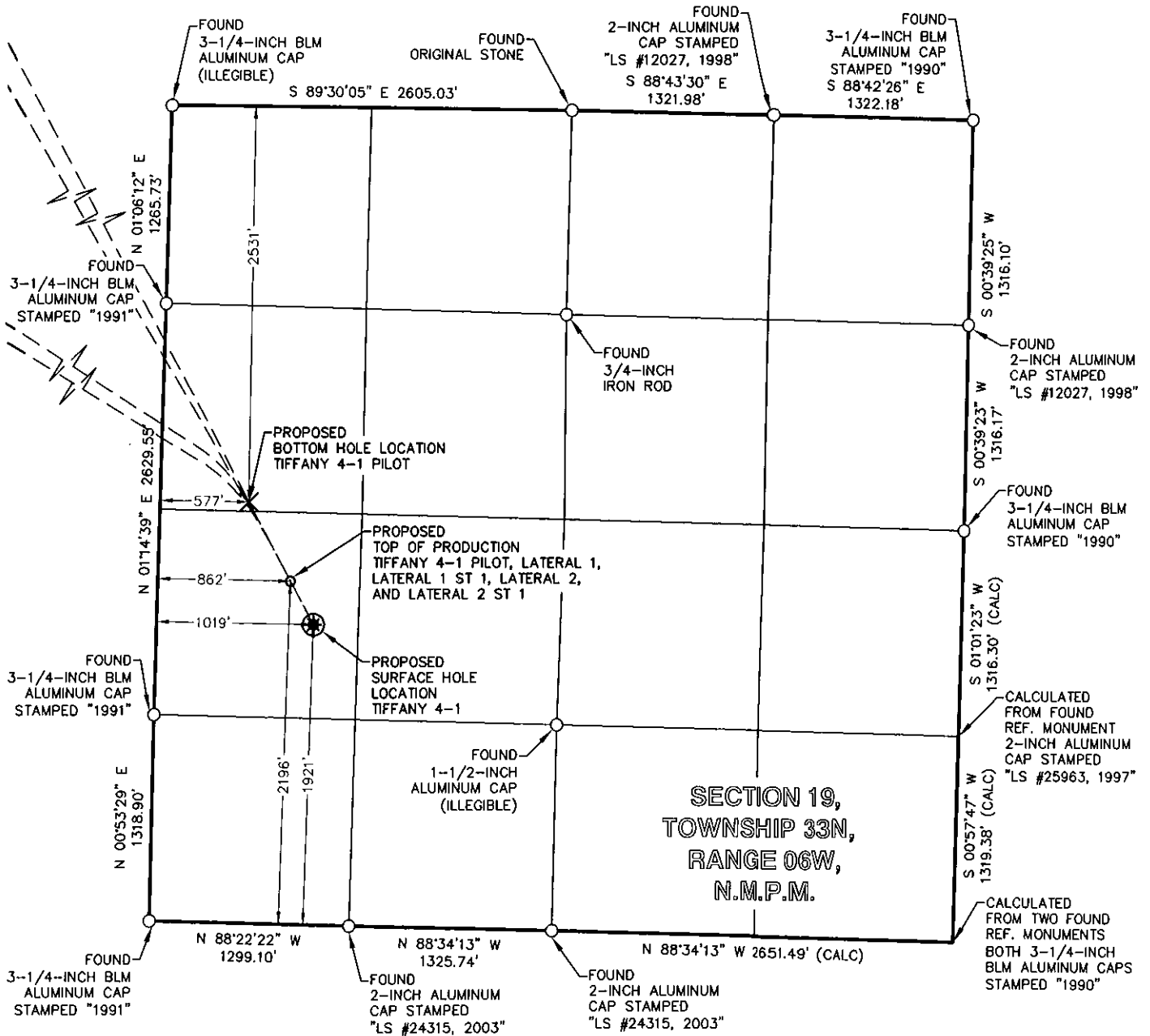
FOUND MONUMENT O

PROPOSED SURFACE HOLE LOCATION \*

PROPOSED BOTTOM HOLE LOCATION X

0 500 1000 2000

GRAPHIC SCALE IN FEET



## 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 4-1

PART OF SECTION 19, TOWNSHIP 33N, RANGE 06W, AND SECTION 13 AND SECTION 24, TOWNSHIP 33N, RANGE 07W, N.M.P.M. LA PLATA COUNTY, COLORADO

DRAWN BY  
CFW/RLM

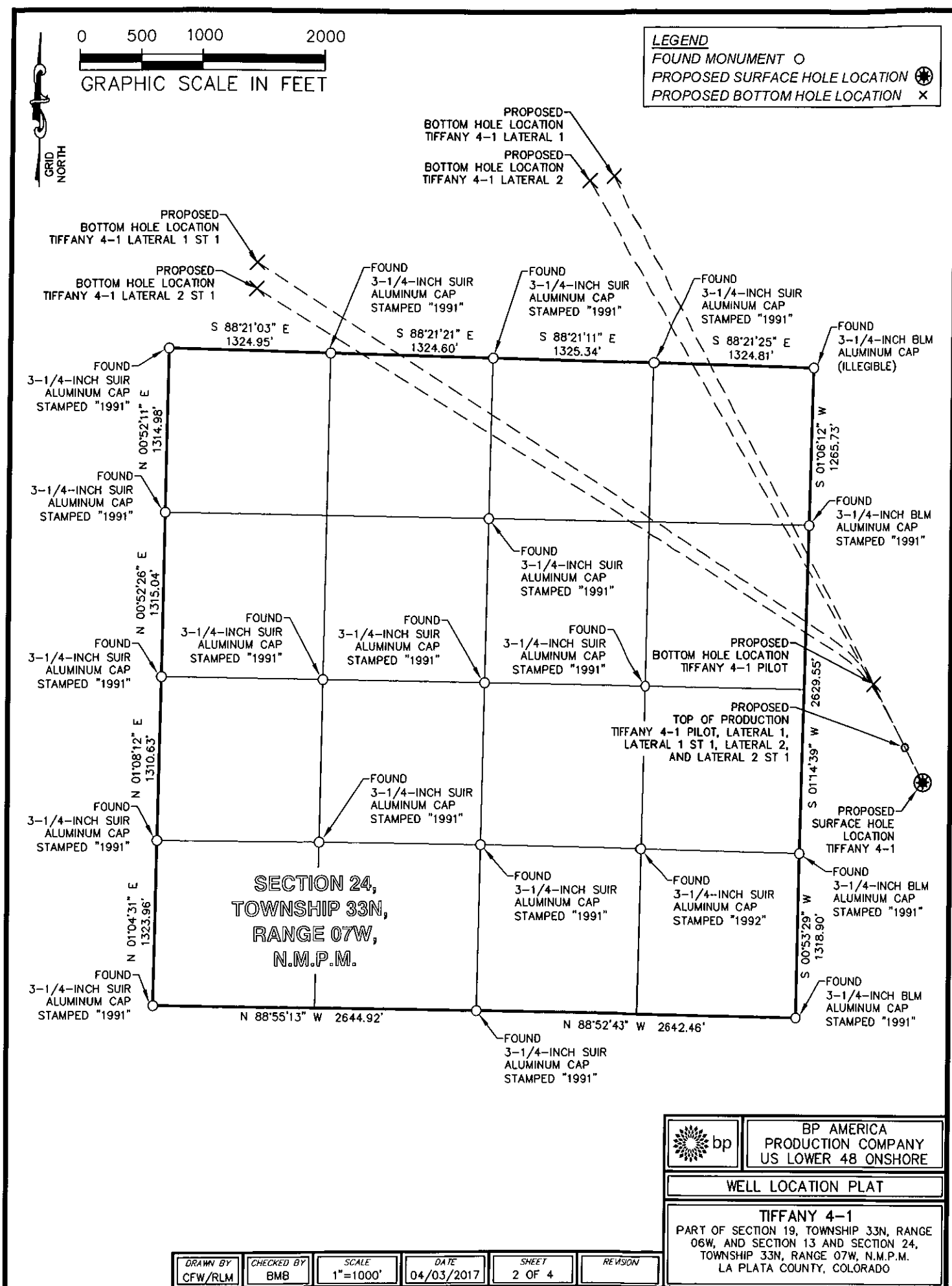
CHECKED BY  
BMB

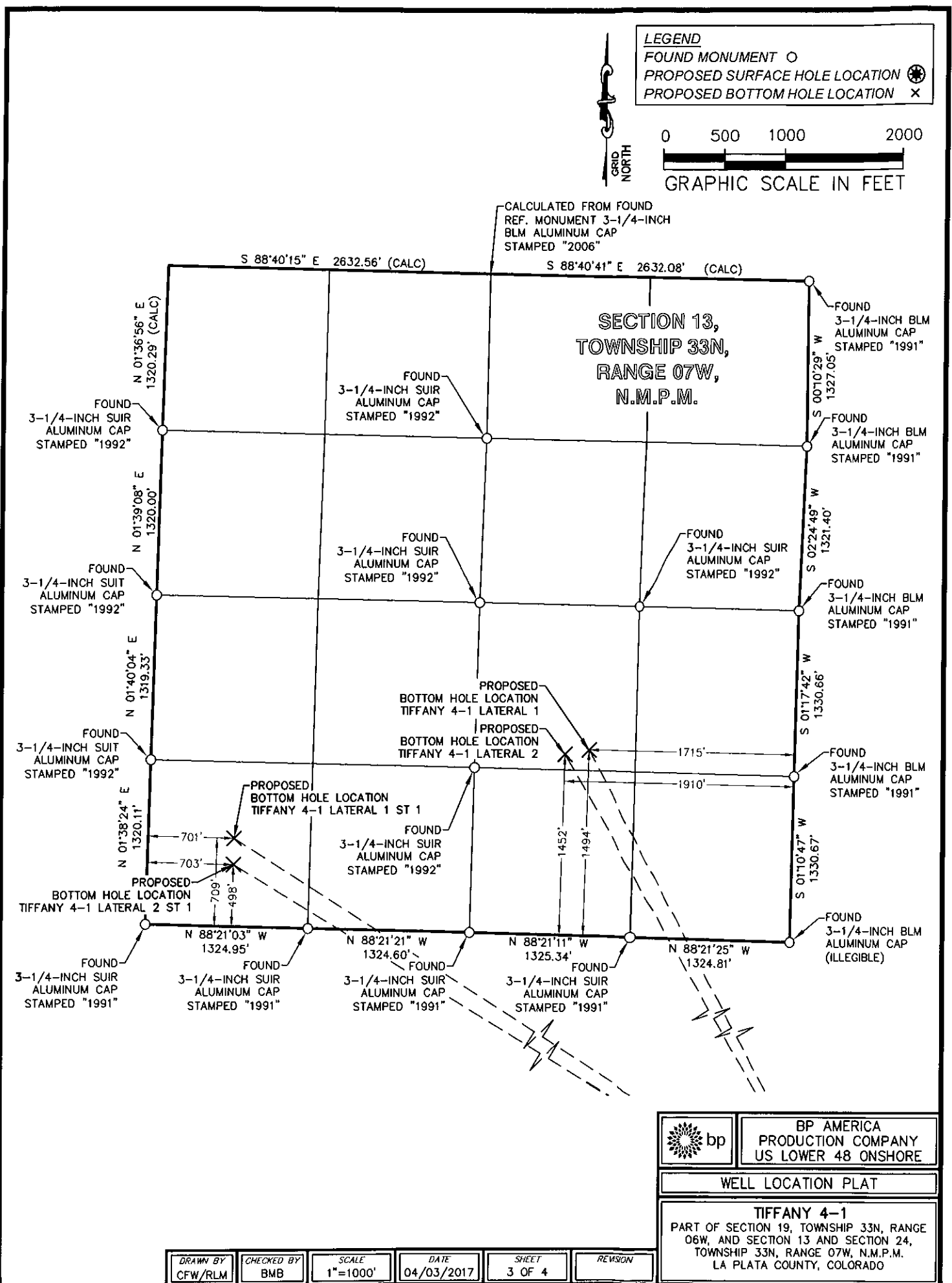
SCALE  
1"=1000'

DATE  
04/03/2017

SHEET  
1 OF 4

REVISION





TIFFANY 4-1 WELLBORE DISTANCES	
SHL TO TOP	318'
TOP TO BHL PILOT	575'
TOP TO BHL LATERAL 1	5,213'
TOP TO BHL LATERAL 1 ST 1	6,709'
TOP TO BHL LATERAL 2	5,278'
TOP TO BHL LATERAL 2 ST 1	6,581'

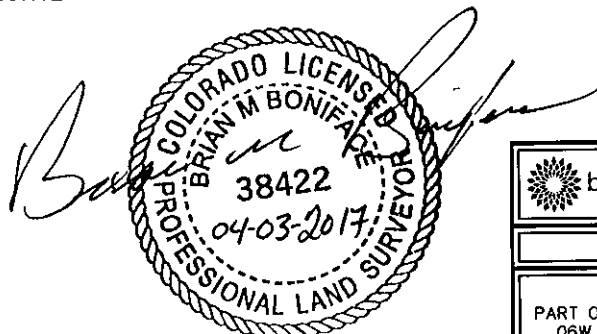
TIFFANY 4-1	CSZ NAD'83	NAD'83	TIES	SEC / TWP / RNG	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,159,793.57' E (X) = 2,402,838.16'	LAT. = 37.08753892°N LON. = 107.54729994°W	FSL = 1921' FWL = 1019'	SEC 19, TWP 33N, RNG 06W	EXISTING GROUND 6460.38'
PROPOSED TOP OF PRODUCTION (TOP) PILOT, LAT 1, LAT 1 ST 1, LAT 2, AND LAT 2 ST 1	N (Y) = 1,160,072.96' E (X) = 2,402,686.90'	LAT. = 37.08829694°N LON. = 107.54783935°W	FSL = 2196' FWL = 862'	SEC 19, TWP 33N, RNG 06W	PROPOSED GRADE 6459.89'
PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT	N (Y) = 1,160,578.66' E (X) = 2,402,413.13'	LAT. = 37.08966897°N LON. = 107.54881567°W	FNL = 2531' FWL = 577'	SEC 19, TWP 33N, RNG 06W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 1,164,657.10' E (X) = 2,400,204.98'	LAT. = 37.10073396°N LON. = 107.55669165°W	FSL = 1494' FEL = 1715'	SEC 13, TWP 33N, RNG 07W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1	N (Y) = 1,163,955.30' E (X) = 2,397,310.91'	LAT. = 37.09863161°N LON. = 107.56655893°W	FSL = 709' FWL = 701'	SEC 13, TWP 33N, RNG 07W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2	N (Y) = 1,164,620.76' E (X) = 2,400,008.31'	LAT. = 37.10062229°N LON. = 107.55736307°W	FSL = 1452' FEL = 1910'	SEC 13, TWP 33N, RNG 07W	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2 ST 1	N (Y) = 1,163,744.08' E (X) = 2,397,307.70'	LAT. = 37.09805147°N LON. = 107.56655391°W	FSL = 498' FWL = 703'	SEC 13, 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 09/23/2016.
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 0.99973888.
6. GPS INSTRUMENT OPERATOR: KENNETH E. REA
7. GPS PDOP VALUE: 2.0

## 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>TIFFANY 4-1</b> PART OF SECTION 19, TOWNSHIP 33N, RANGE 06W, AND SECTION 13 AND SECTION 24, TOWNSHIP 33N, RANGE 07W, N.M.P.M. LA PLATA COUNTY, COLORADO	

DRAWN BY CFW/RLM	CHECKED BY BMB	SCALE N/A	DATE 04/03/2017	SHEET 4 OF 4	REVISION
---------------------	-------------------	--------------	--------------------	-----------------	----------