

LEGEND

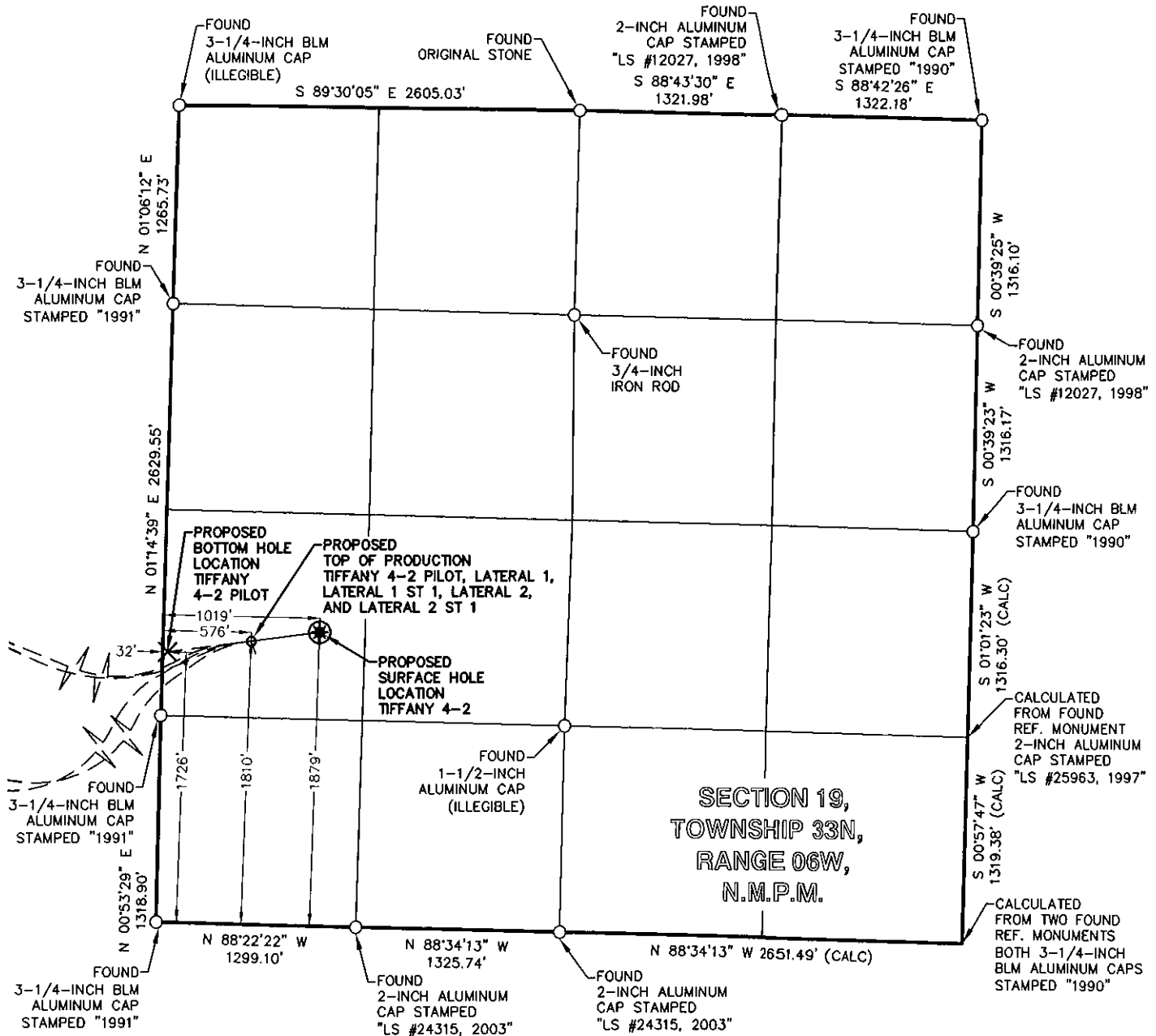
FOUND MONUMENT O

PROPOSED SURFACE HOLE LOCATION *

PROPOSED BOTTOM HOLE LOCATION X

0 500 1000 2000

GRAPHIC SCALE IN FEET

**SURVEY NOTES**

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



BP AMERICA
PRODUCTION COMPANY
US LOWER 48 ONSHORE

WELL LOCATION PLAT**TIFFANY 4-2**

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

DRAWN BY
CFW/RLM

CHECKED BY
RLT

SCALE
1"=1000'

DATE
04/05/2017

SHEET
1 OF 3

REVISION

0 500 1000 2000

GRAPHIC SCALE IN FEET

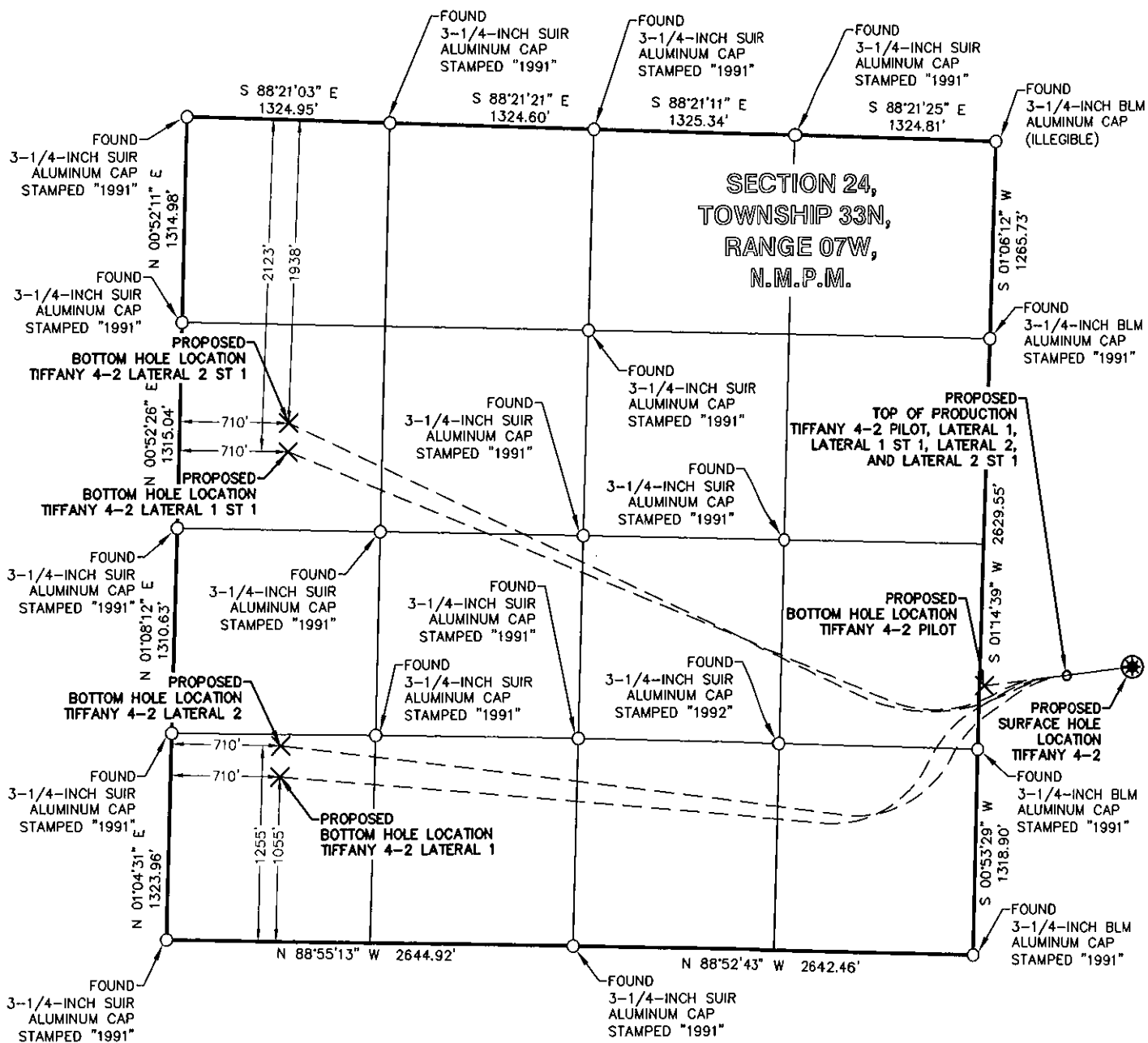
LEGEND

FOUND MONUMENT O

PROPOSED SURFACE HOLE LOCATION *

PROPOSED BOTTOM HOLE LOCATION X

GRID
NORTH



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PRODUCTION COMPANY
US LOWER 48 ONSHORE

WELL LOCATION PLAT

TIFFANY 4-2

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SHEET
2 OF 3

REVISION

| TIFFANY 4-2 WELLBORE DISTANCES | |
|--------------------------------|--------|
| SHL TO TOP | 448' |
| TOP TO BHL PILOT | 550' |
| TOP TO BHL LATERAL 1 | 5,659' |
| TOP TO BHL LATERAL 1 ST 1 | 5,479' |
| TOP TO BHL LATERAL 2 | 5,524' |
| TOP TO BHL LATERAL 2 ST 1 | 5,561' |

| TIFFANY 4-2 | CSZ NAD'83 | NAD'83 | TIES | SEC / TWP / RNG | ELEVATION |
|--|--|---|---------------------------|--------------------------|-----------------------------|
| PROPOSED SURFACE HOLE LOCATION (SHL) | N (Y) = 1,159,751.08' E (X) = 2,402,837.05' | LAT. = 37.08742218"N LON. = 107.54730055"W | FSL = 1879 FWL = 1019' | SEC 19, TWP 33N, RNG 06W | EXISTING GROUND 6459.54' |
| PROPOSED TOP OF PRODUCTION (TOP) PILOT, LAT 1, LAT 1 ST 1, LAT 2, AND LAT 2 ST 1 | N (Y) = 1,159,695.03' E (X) = 2,402,392.73' | LAT. = 37.08724154"N LON. = 107.54881915"W | FSL = 1810' FWL = 576' | SEC 19, TWP 33N, RNG 06W | PROPOSED GRADE 6459.89' |
| PROPOSED BOTTOM HOLE LOCATION (BHL) PILOT | N (Y) = 1,159,626.20' E (X) = 2,401,847.17' | LAT. = 37.08701967"N LON. = 107.55068375"W | FSL = 1726' FWL = 32' | SEC 19, TWP 33N, RNG 06W | |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 | N (Y) = 1,159,044.05' E (X) = 2,397,229.18' | LAT. = 37.08514177"N LON. = 107.56646659"W | FSL = 1055' FWL = 710' | SEC 24, TWP 33N, RNG 07W | |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1 | N (Y) = 1,161,123.47' E (X) = 2,397,267.86' | LAT. = 37.09085361"N LON. = 107.56649172"W | FNL = 2123' FWL = 710' | SEC 24, TWP 33N, RNG 07W | |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2 | N (Y) = 1,159,244.01' E (X) = 2,397,232.93' | LAT. = 37.08569103"N LON. = 107.56646890"W | FSL = 1255' FWL = 710' | SEC 24, TWP 33N, RNG 07W | |
| PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2 ST 1 | N (Y) = 1,161,308.03' E (X) = 2,397,270.68' | LAT. = 37.09136053"N LON. = 107.56649605"W | FNL = 1938' FWL = 710' | SEC 24, 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: 2.1

SURVEYOR'S CERTIFICATE

I, ROBERT L. TRUDEAUX, 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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|---|---|
|  | BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE |
| | WELL LOCATION PLAT |
| TIFFANY 4-2 PART OF SECTION 19, TOWNSHIP 33N, RANGE 06W, AND SECTION 24, TOWNSHIP 33N, RANGE 07W, N.M.P.M. LA PLATA COUNTY, COLORADO | |

| | | | | | |
|---------------------|-------------------|--------------|--------------------|-----------------|----------|
| DRAWN BY CFW/RLM | CHECKED BY RLT | SCALE N/A | DATE 04/05/2017 | SHEET 3 OF 3 | REVISION |
|---------------------|-------------------|--------------|--------------------|-----------------|----------|