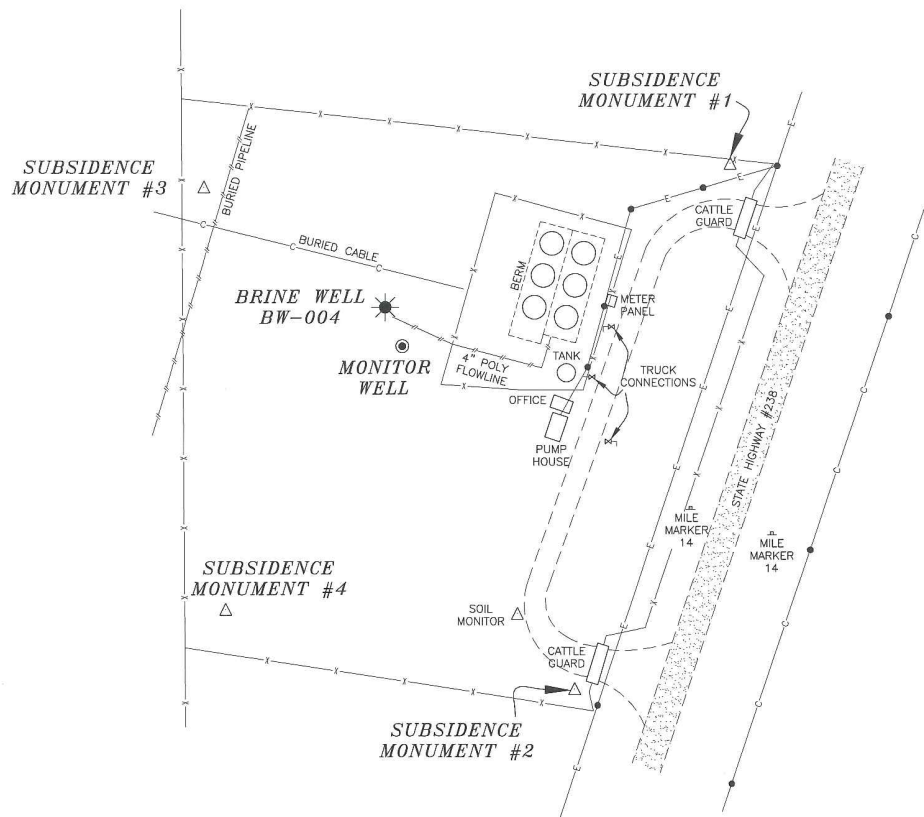


## WASSERHUND INC.

SURVEY OF FOUR SUBSIDENCE MONUMENTS AROUND THE WASSERHUND INC.

BW-004 BRINE WELL (API#30-025-26883) INSIDE THE EIDSON BRINE  
STATION LOCATED IN THE SW/4 (UNIT M) OF SECTION 31, TOWNSHIP 16  
SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

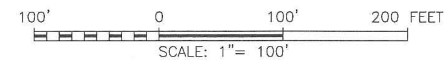


## NEW MEXICO EAST ZONE - NAD 83

| NAME                      | NORTHING (Y) | EASTING (X) | ELEVATION |
|---------------------------|--------------|-------------|-----------|
| BW-004 (SEE NOTE 1)       | 682359.21    | 795629.18   | 4034.33   |
| MONITOR WELL (SEE NOTE 2) | 682327.89    | 795643.10   | 4033.73   |
| SUBSIDENCE MONUMENT #1    | 682475.35    | 795906.68   | 4030.31'  |
| SUBSIDENCE MONUMENT #2    | 682052.52    | 795783.22   | 4032.22'  |
| SUBSIDENCE MONUMENT #3    | 682455.79    | 795483.24   | 4033.66   |
| SUBSIDENCE MONUMENT #4    | 682116.77    | 795501.87   | 4033.54   |

## NOTES:

- 1) ELEVATION IS ON TOP OF BOTTOM FLANGE OF WELL HEAD.
- 2) ELEVATION IS ON TOP OF PVC PIPE, NORTH EDGE.
- 3) HORIZONTAL POSITIONS ARE BASED OFF U.S.C. & G.S. TRIANGULATION STATION "RYCADE" (CV0874). VALUES ARE U.S. SURVEY FEET.
- 4) ELEVATIONS ARE BASED OFF U.S.C. & G.S. BENCHMARK "K151" (CV0443). VALUES ARE NAVD 88.
- 5) ALL POINTS WERE OBSERVED USING TOPCON HIPER PLUS GPS SYSTEM UTILIZING REAL TIME KINEMATIC METHODS.



## SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 4/16/2024  
Terry J. Asel, N.M. R.P.L.S. No. 15079



Asel Surveying, LLC

P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 575-393-9146



## WASSERHUND INC.

SURVEY OF FOUR SUBSIDENCE MONUMENTS  
AROUND THE WASSERHUND INC. BW-004 BRINE  
WELL (API#30-025-26883) INSIDE THE EIDSON  
BRINE STATION LOCATED IN THE SW/4 (UNIT M) OF  
SECTION 31, TOWNSHIP 16 SOUTH, RANGE 35  
EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

|                       |                             |
|-----------------------|-----------------------------|
| Survey Date: 04/10/24 | Sheet 1 of 1 Sheets         |
| W.O. Number: 240410WL | Drawn By: KA                |
| Date: 04/11/24        | 240410WL.DWG Scale: 1"=100' |

Data Acquired from GPS Geodesic Measurements  
NM East Zone (83) North American Datum of 1983

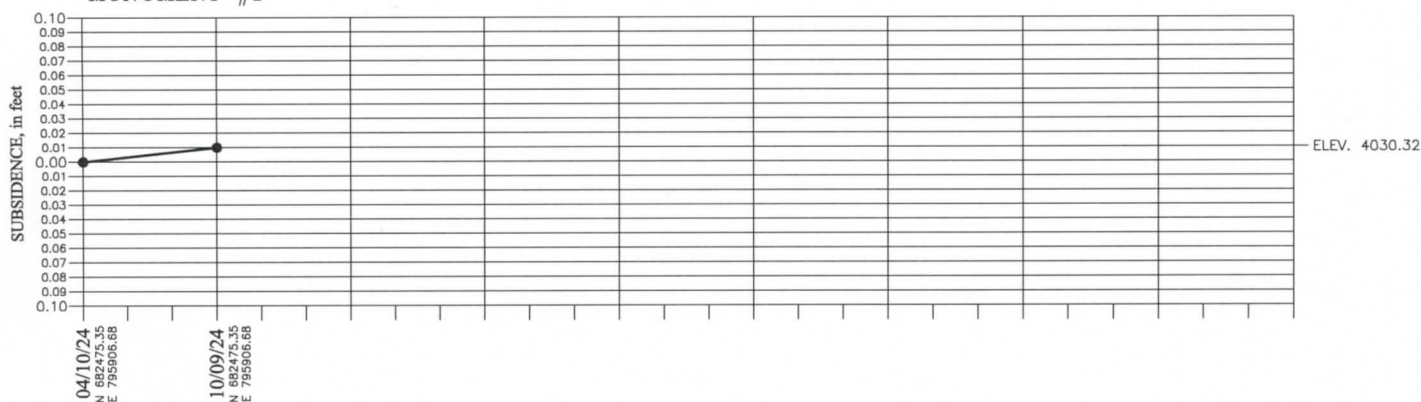
# VERTICAL SUBSIDENCE TABLE

## WASSERHUND INC. – EIDSON STATE #001 (BW-004)

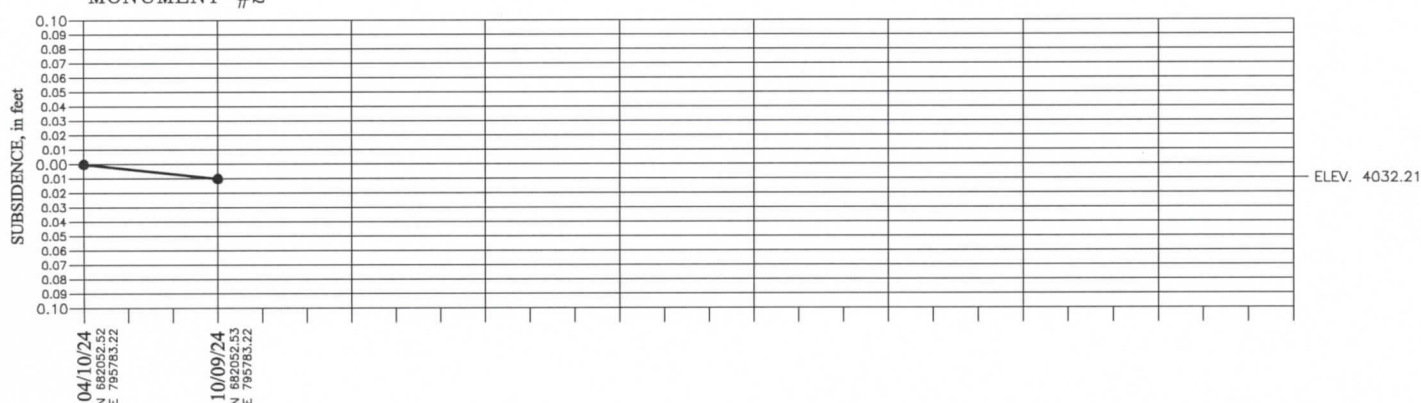
PAGE 1 OF 2

NEW MEXICO EAST NAD 83

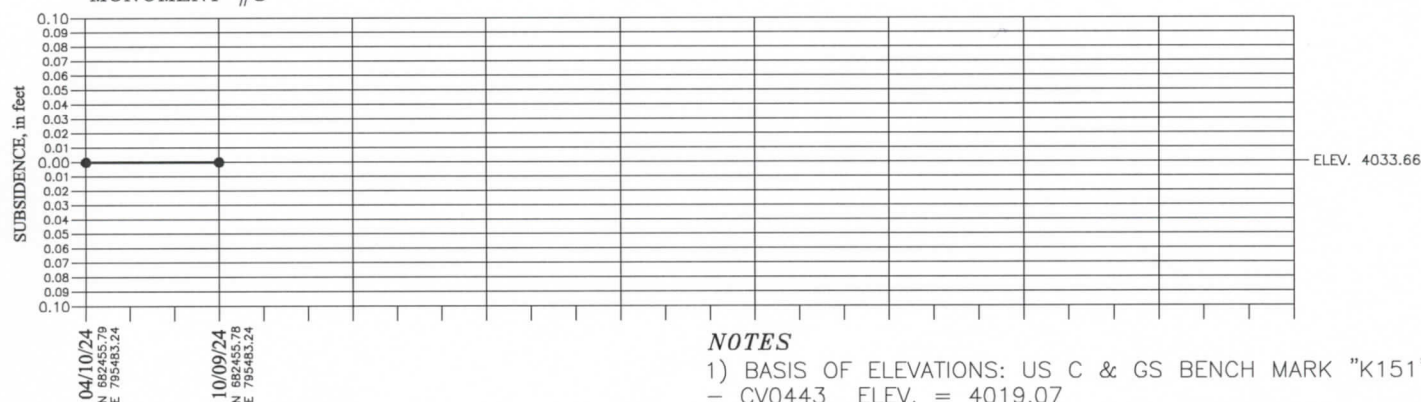
MONUMENT #1



MONUMENT #2



MONUMENT #3

**NOTES**

1) BASIS OF ELEVATIONS: US C & GS BENCH MARK "K151"  
 – CV0443 ELEV. = 4019.07

2) OBSERVATIONS WERE MADE USING TOPCON-HIPER PLUS GPS SYSTEM UTILIZING REAL TIME KINEMATIC METHODS FROM A BASE POINT LOCATED AT N-681878.43 E-796655.34 ELEV.=4025.64

**SURVEYORS CERTIFICATE**

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 10/16/2024  
 Terry J. Asel N.M. R.P.L.S. No. 15079

Asel Surveying, LLC

P.O. BOX 393 – 310 W. TAYLOR  
 HOBBS, NEW MEXICO – 575-393-9146

**WASSERHUND INC.**

SUBSIDENCE MONITORING FOR THE WASSERHUND INC. – EIDSON STATE #001 (BW-004) IN SECTION 31, TOWNSHIP 16 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

|                       |                          |
|-----------------------|--------------------------|
| Survey Date: 10/09/24 | Sheet 1 of 2 Sheets      |
| W.O. Number: 241009MS | Drawn By: KA Rev:        |
| Date: 10/15/24        | 241009MS Scale: 1"=1000' |

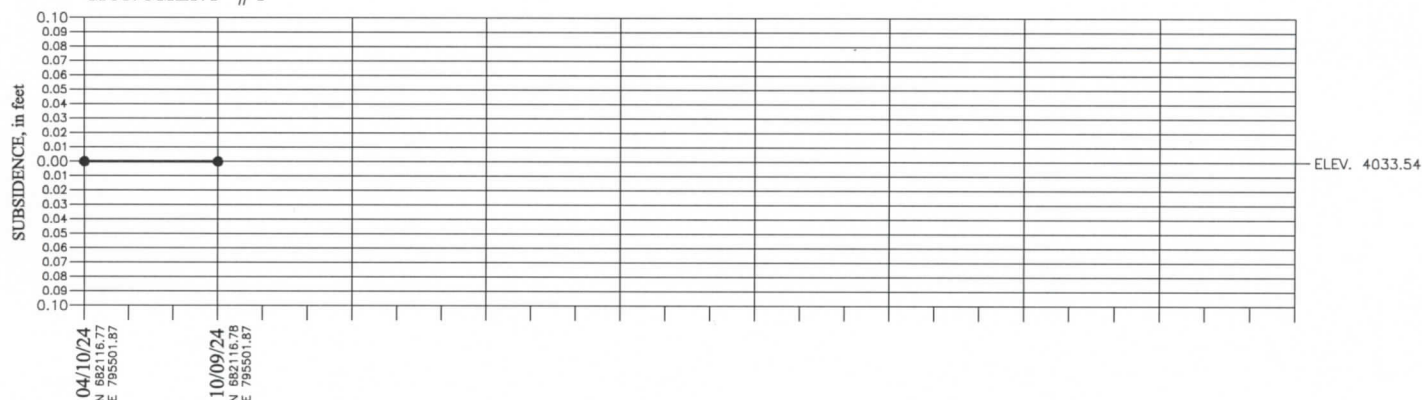
# VERTICAL ELEVATION TABLE

## WASSERHUND INC. – EIDSON STATE #001 (BW-004)

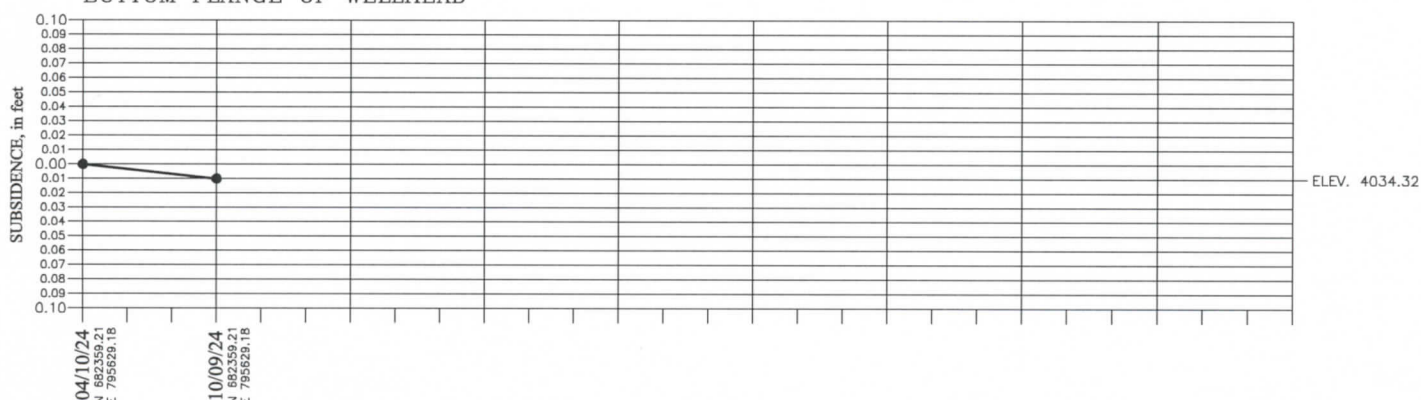
PAGE 2 OF 2

NEW MEXICO EAST NAD 83

MONUMENT #4



BOTTOM FLANGE OF WELLHEAD

**SURVEYORS CERTIFICATE**

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 10/16/2024  
Terry J. Asel, N.M. R.P.L.S. No. 15079

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**NOTES**

1) BASIS OF ELEVATIONS: US C & GS BENCH MARK "K151"  
– CV0443 ELEV. = 4019.07

2) OBSERVATIONS WERE MADE USING TOPCON-HIPER PLUS GPS SYSTEM UTILIZING REAL TIME KINEMATIC METHODS FROM A BASE POINT LOCATED AT N-681878.43 E-796655.34 ELEV.=4025.64

**WASSERHUND INC.**

SUBSIDENCE MONITORING FOR THE WASSERHUND INC. – EIDSON STATE #001 (BW-004) IN SECTION 31, TOWNSHIP 16 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

|                       |                          |
|-----------------------|--------------------------|
| Survey Date: 10/09/24 | Sheet 2 of 2 Sheets      |
| W.O. Number: 241009MS | Drawn By: KA Rev:        |
| Date: 10/15/24        | 241009MS Scale: 1"=1000' |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

COMMENTS  
  
Action 393930

COMMENTS

|                                                                     |                                                                                         |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Operator:<br>WASSERHUND INC<br>P.O. Box 2140<br>Lovington, NM 88260 | OGRID:<br>130851                                                                        |
|                                                                     | Action Number:<br>393930                                                                |
|                                                                     | Action Type:<br>[UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION) |

COMMENTS

| Created By | Comment                                             | Comment Date |
|------------|-----------------------------------------------------|--------------|
| cchavez    | Subsidence Monitoring Survey Fed. FY25 Q1 Submittal | 10/23/2024   |



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State of New Mexico  
Energy, Minerals and Natural Resources  
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CONDITIONS

Action 393930

CONDITIONS

|                                                                     |                                                                                         |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Operator:<br>WASSERHUND INC<br>P.O. Box 2140<br>Lovington, NM 88260 | OGRID:<br>130851                                                                        |
|                                                                     | Action Number:<br>393930                                                                |
|                                                                     | Action Type:<br>[UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| cchavez    | None      | 10/23/2024     |