

**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**

Form C-101  
August 1, 2011

Permit 287256

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                              |                                       |                               |
|----------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 |                                       | 2. OGRID Number<br>229137     |
|                                                                                              |                                       | 3. API Number<br>30-015-47521 |
| 4. Property Code<br>329730                                                                   | 5. Property Name<br>MERCURY STATE COM | 6. Well No.<br>702H           |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                   |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|----------------|
| UL - Lot<br>O | Section<br>18 | Township<br>26S | Range<br>28E | Lot Idn<br>O | Feet From<br>220 | N/S Line<br>S | Feet From<br>1430 | E/W Line<br>E | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|----------------|

**8. Proposed Bottom Hole Location**

|               |              |                 |              |              |                 |               |                   |               |                |
|---------------|--------------|-----------------|--------------|--------------|-----------------|---------------|-------------------|---------------|----------------|
| UL - Lot<br>B | Section<br>7 | Township<br>26S | Range<br>28E | Lot Idn<br>B | Feet From<br>50 | N/S Line<br>N | Feet From<br>1430 | E/W Line<br>E | County<br>Eddy |
|---------------|--------------|-----------------|--------------|--------------|-----------------|---------------|-------------------|---------------|----------------|

**9. Pool Information**

|                            |       |
|----------------------------|-------|
| PURPLE SAGE;WOLFCAMP (GAS) | 98220 |
|----------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                         |                                    |
|---------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>GAS        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>3068 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>19462 | 18. Formation<br>Wolfcamp              | 19. Contractor          | 20. Spud Date<br>10/14/2020        |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 14.75     | 10.75       | 45.5             | 675           | 450             | 0             |
| Int1 | 9.875     | 7.625       | 29.7             | 8600          | 800             | 0             |
| Prod | 6.75      | 5.5         | 20               | 19449         | 1350            | 8100          |

**Casing/Cement Program: Additional Comments**

Drill 14-3/4" hole to ~675' w/ fresh water. Run 10-3/4" 45.5# J-55 BTC casing to TD and cement to surface in one stage. Drill 9-7/8" hole to ~8,600' with cut brine emulsion. Run 7-5/8 29.7# L-80 BTC to TD and cement to surface in single stage. Drill 6-3/4" vertical hole, curve & lateral to 19449' with OBM. Run 5-1/2" 20# P110 BTC casing from TD to surface and cement to 8100' in one stage.

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Double Ram | 5000             | 5000          | Cameron      |

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

Printed Name: Electronically filed by Diane Kuykendall

Title: Production Accounting Director

Email Address: dkuykendall@concho.com

Date: 10/6/2020

Phone: 432-685-4372

**OIL CONSERVATION DIVISION**

Approved By: Scott Cox

Title: Petroleum Engineer Supervisor

Approved Date: 10/14/2020 Expiration Date: 10/14/2022

Conditions of Approval Attached

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                |                                             |                                                  |
|--------------------------------|---------------------------------------------|--------------------------------------------------|
| 1 API Number<br><b>30-015-</b> | 2 Pool Code<br><b>98220</b>                 | 3 Pool Name<br><b>Purple Sage; Wolfcamp, Gas</b> |
| 4 Property Code                | 5 Property Name<br><b>MERCURY STATE COM</b> | 6 Well Number<br><b>702H</b>                     |
| 7 OGRID No.<br><b>229137</b>   | 8 Operator Name<br><b>COG OPERATING LLC</b> | 9 Elevation<br><b>3068'</b>                      |

" Surface Location

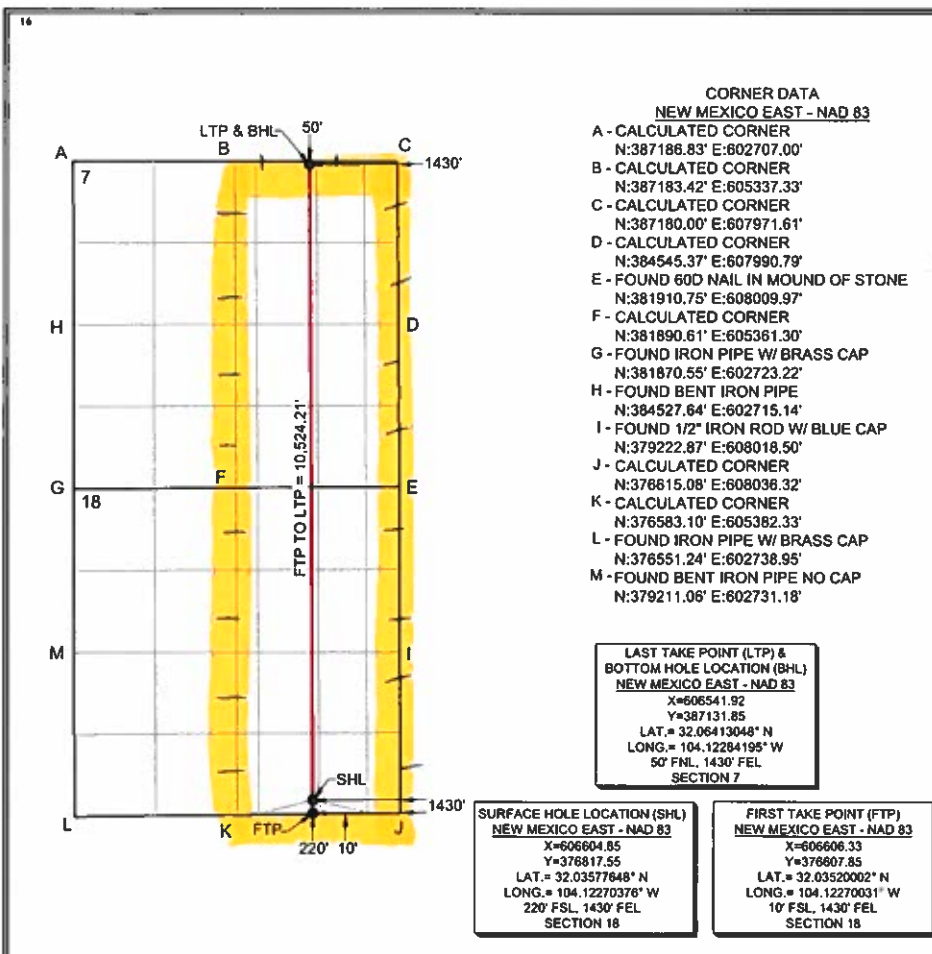
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 18      | 26-S     | 28-E  |         | 220'          | SOUTH            | 1430'         | EAST           | EDDY   |

" Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 7       | 26-S     | 28-E  |         | 50'           | NORTH            | 1430'         | EAST           | EDDY   |

|                                  |                    |                       |              |
|----------------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br><b>640</b> | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|----------------------------------|--------------------|-----------------------|--------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Mayte Reyes 10-1-2020*  
Signature Date

**Mayte Reyes**

Printed Name

**mreyes1@concho.com**

E-mail Address

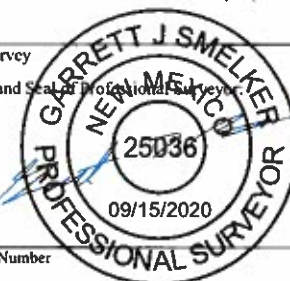
" SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



**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**

## GAS CAPTURE PLAN

Date: 10/14/2020

☒ Original

Operator & OGRID No.: [229137] COG OPERATING LLC

☐ Amended - Reason for  
Amendment: \_\_\_\_\_

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

*Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).*

### **Well(s)/Production Facility – Name of facility**

The well(s) that will be located at the production facility are shown in the table below.

| Well Name               | API          | Well Location (ULSTR) | Footages    | Expected MCF/D | Flared or Vented | Comments                                                                                                                                                             |
|-------------------------|--------------|-----------------------|-------------|----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MERCURY STATE COM #702H | 30-015-47521 | O-18-26S-28E          | 0220S 1430E | 5429           | None             | It will require additional line to connect to the facility but the amount is unknown currently. Processing Plant Location: Sec 35, Blk 57, T2S, Culberson County, TX |

### **Gathering System and Pipeline Notification**

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ETC Texas Pipeline, Ltd. and will be connected to ETC Texas Pipeline, Ltd. Low Pressure gathering system located in Eddy County, New Mexico. It will require 0' of pipeline to connect the facility to Low Pressure gathering system. COG OPERATING LLC provides (periodically) to ETC Texas Pipeline, Ltd. a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, COG OPERATING LLC and ETC Texas Pipeline, Ltd. have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ETC Texas Pipeline, Ltd. Processing Plant located in Sec. 02, Twn. 26S, Rng. 28E, Eddy County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

### **Flowback Strategy**

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ETC Texas Pipeline, Ltd. system at that time. Based on current information, it is COG OPERATING LLC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

### **Alternatives to Reduce Flaring**

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
  - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
  - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

**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**

Form APD Comments

Permit 287256

**PERMIT COMMENTS**

|                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                 |                                  |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Operator Name and Address:<br>COG OPERATING LLC [229137]<br>600 W Illinois Ave<br>Midland, TX 79701 |                                                                                                                                                                                                                                                                                                                                                                 | API Number:<br>30-015-47521      |
|                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                 | Well:<br>MERCURY STATE COM #702H |
| Created By                                                                                          | Comment                                                                                                                                                                                                                                                                                                                                                         | Comment Date                     |
| mreyes4                                                                                             | COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary. | 10/6/2020                        |

**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**

Form APD Conditions

Permit 287256

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                     |                                  |
|-----------------------------------------------------------------------------------------------------|----------------------------------|
| Operator Name and Address:<br>COG OPERATING LLC [229137]<br>600 W Illinois Ave<br>Midland, TX 79701 | API Number:<br>30-015-47521      |
|                                                                                                     | Well:<br>MERCURY STATE COM #702H |

|                 |                                                                                                                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OCD<br>Reviewer | Condition                                                                                                                                                                                                                                                            |
| ksimmons        | Will require a directional survey with the C-104                                                                                                                                                                                                                     |
| ksimmons        | Will require a administrative order for non-standard location prior to placing the well on production.                                                                                                                                                               |
| ksimmons        | Cement is required to circulate on both surface and intermediate1 strings of casing                                                                                                                                                                                  |
| kpickford       | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string |
| kpickford       | The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days      |
| kpickford       | The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud                                                                                                                                                                   |
| kpickford       | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system                  |
| kpickford       | Production casing must be set at TD.                                                                                                                                                                                                                                 |

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)  
MERCURY STATE COM PROJECT  
MERCURY ST COM #702H**

**OWB**

**Plan: PWP1**

## **Standard Survey Report**

**28 September, 2020**

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | ATLAS PROSPECT (NM-E)                |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                             |                      |          |                            |                 |                                    |
|-----------------------------|----------------------|----------|----------------------------|-----------------|------------------------------------|
| <b>Well</b>                 | MERCURY ST COM #702H |          |                            |                 |                                    |
| <b>Well Position</b>        | <b>+N/-S</b>         | 0.0 usft | <b>Northing:</b>           | 376,760.43 usft | <b>Latitude:</b> 32° 2' 8.352 N    |
|                             | <b>+E/-W</b>         | 0.0 usft | <b>Easting:</b>            | 565,420.34 usft | <b>Longitude:</b> 104° 7' 19.973 W |
| <b>Position Uncertainty</b> |                      | 3.0 usft | <b>Wellhead Elevation:</b> | usft            | <b>Ground Level:</b> 3,068.0 usft  |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OWB               |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 9/28/2020          | 6.87                   | 59.67                | 47,401.26327855            |

|                          |                                |                     |                      |                      |  |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|--|
| <b>Design</b>            | PWP1                           |                     |                      |                      |  |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |  |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.0                  |  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |  |
|                          | 0.0                            | 0.0                 | 0.0                  | 359.65               |  |

|                            |                  |                          |                  |                                   |  |
|----------------------------|------------------|--------------------------|------------------|-----------------------------------|--|
| <b>Survey Tool Program</b> | <b>Date</b>      | 9/28/2020                |                  |                                   |  |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>                |  |
| 0.0                        | 19,448.9         | PWP1 (OWB)               | MWD+IFR1+FDIR    | OWSG MWD + IFR1 + FDIR Correction |  |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Planned Survey</b>        |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 100.0                        | 0.00                   | 0.00               | 100.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 200.0                        | 0.00                   | 0.00               | 200.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 300.0                        | 0.00                   | 0.00               | 300.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 400.0                        | 0.00                   | 0.00               | 400.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 500.0                        | 0.00                   | 0.00               | 500.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 600.0                        | 0.00                   | 0.00               | 600.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 700.0                        | 0.00                   | 0.00               | 700.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 800.0                        | 0.00                   | 0.00               | 800.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 900.0                        | 0.00                   | 0.00               | 900.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,000.0                      | 0.00                   | 0.00               | 1,000.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,100.0                      | 0.00                   | 0.00               | 1,100.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,200.0                      | 0.00                   | 0.00               | 1,200.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,300.0                      | 0.00                   | 0.00               | 1,300.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,400.0                      | 0.00                   | 0.00               | 1,400.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

| Planned Survey                 |                 |             |                       |              |              |                         |                         |                        |                       |  |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 1,500.0                        | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,600.0                        | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,700.0                        | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,800.0                        | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,900.0                        | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,000.0                        | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,100.0                        | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,200.0                        | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,300.0                        | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,400.0                        | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,500.0                        | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| Start Build 2.00               |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 2,600.0                        | 2.00            | 181.00      | 2,600.0               | -1.7         | 0.0          | -1.7                    | 2.00                    | 2.00                   | 0.00                  |  |
| 2,700.0                        | 4.00            | 181.00      | 2,699.8               | -7.0         | -0.1         | -7.0                    | 2.00                    | 2.00                   | 0.00                  |  |
| Start 2094.0 hold at 2700.0 MD |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 2,800.0                        | 4.00            | 181.00      | 2,799.6               | -14.0        | -0.2         | -14.0                   | 0.00                    | 0.00                   | 0.00                  |  |
| 2,900.0                        | 4.00            | 181.00      | 2,899.4               | -20.9        | -0.4         | -20.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,000.0                        | 4.00            | 181.00      | 2,999.1               | -27.9        | -0.5         | -27.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,100.0                        | 4.00            | 181.00      | 3,098.9               | -34.9        | -0.6         | -34.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,200.0                        | 4.00            | 181.00      | 3,198.6               | -41.9        | -0.7         | -41.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,300.0                        | 4.00            | 181.00      | 3,298.4               | -48.8        | -0.9         | -48.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,400.0                        | 4.00            | 181.00      | 3,398.1               | -55.8        | -1.0         | -55.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,500.0                        | 4.00            | 181.00      | 3,497.9               | -62.8        | -1.1         | -62.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,600.0                        | 4.00            | 181.00      | 3,597.6               | -69.7        | -1.2         | -69.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,700.0                        | 4.00            | 181.00      | 3,697.4               | -76.7        | -1.3         | -76.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,800.0                        | 4.00            | 181.00      | 3,797.2               | -83.7        | -1.5         | -83.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,900.0                        | 4.00            | 181.00      | 3,896.9               | -90.7        | -1.6         | -90.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,000.0                        | 4.00            | 181.00      | 3,996.7               | -97.6        | -1.7         | -97.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,100.0                        | 4.00            | 181.00      | 4,096.4               | -104.6       | -1.8         | -104.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,200.0                        | 4.00            | 181.00      | 4,196.2               | -111.6       | -2.0         | -111.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,300.0                        | 4.00            | 181.00      | 4,295.9               | -118.6       | -2.1         | -118.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,400.0                        | 4.00            | 181.00      | 4,395.7               | -125.5       | -2.2         | -125.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,500.0                        | 4.00            | 181.00      | 4,495.5               | -132.5       | -2.3         | -132.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,600.0                        | 4.00            | 181.00      | 4,595.2               | -139.5       | -2.4         | -139.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,700.0                        | 4.00            | 181.00      | 4,695.0               | -146.5       | -2.6         | -146.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 4,794.0                        | 4.00            | 181.00      | 4,788.7               | -153.0       | -2.7         | -153.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| Start Drop -2.00               |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 4,800.0                        | 3.88            | 181.00      | 4,794.7               | -153.4       | -2.7         | -153.4                  | 2.00                    | -2.00                  | 0.00                  |  |
| 4,900.0                        | 1.88            | 181.00      | 4,894.6               | -158.5       | -2.8         | -158.4                  | 2.00                    | -2.00                  | 0.00                  |  |
| 4,994.0                        | 0.00            | 0.00        | 4,988.5               | -160.0       | -2.8         | -160.0                  | 2.00                    | -2.00                  | 0.00                  |  |
| Start 3708.0 hold at 4994.0 MD |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 5,000.0                        | 0.00            | 0.00        | 4,994.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,100.0                        | 0.00            | 0.00        | 5,094.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,200.0                        | 0.00            | 0.00        | 5,194.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

| Planned Survey             |                 |             |                       |              |              |                         |                         |                        |                       |  |
|----------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)      | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 5,300.0                    | 0.00            | 0.00        | 5,294.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0                    | 0.00            | 0.00        | 5,394.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0                    | 0.00            | 0.00        | 5,494.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0                    | 0.00            | 0.00        | 5,594.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0                    | 0.00            | 0.00        | 5,694.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0                    | 0.00            | 0.00        | 5,794.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0                    | 0.00            | 0.00        | 5,894.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0                    | 0.00            | 0.00        | 5,994.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0                    | 0.00            | 0.00        | 6,094.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0                    | 0.00            | 0.00        | 6,194.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,300.0                    | 0.00            | 0.00        | 6,294.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,400.0                    | 0.00            | 0.00        | 6,394.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,500.0                    | 0.00            | 0.00        | 6,494.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,600.0                    | 0.00            | 0.00        | 6,594.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,700.0                    | 0.00            | 0.00        | 6,694.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,800.0                    | 0.00            | 0.00        | 6,794.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,900.0                    | 0.00            | 0.00        | 6,894.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,000.0                    | 0.00            | 0.00        | 6,994.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,100.0                    | 0.00            | 0.00        | 7,094.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,200.0                    | 0.00            | 0.00        | 7,194.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,300.0                    | 0.00            | 0.00        | 7,294.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,400.0                    | 0.00            | 0.00        | 7,394.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,500.0                    | 0.00            | 0.00        | 7,494.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,600.0                    | 0.00            | 0.00        | 7,594.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,700.0                    | 0.00            | 0.00        | 7,694.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,800.0                    | 0.00            | 0.00        | 7,794.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,900.0                    | 0.00            | 0.00        | 7,894.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,000.0                    | 0.00            | 0.00        | 7,994.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,100.0                    | 0.00            | 0.00        | 8,094.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,200.0                    | 0.00            | 0.00        | 8,194.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,300.0                    | 0.00            | 0.00        | 8,294.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,400.0                    | 0.00            | 0.00        | 8,394.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,500.0                    | 0.00            | 0.00        | 8,494.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.0                    | 0.00            | 0.00        | 8,594.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,700.0                    | 0.00            | 0.00        | 8,694.6               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,701.9                    | 0.00            | 0.00        | 8,696.5               | -160.0       | -2.8         | -160.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| Start DLS 12.00 TFO 359.76 |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,800.0                    | 11.77           | 359.76      | 8,793.9               | -150.0       | -2.8         | -149.9                  | 12.00                   | 12.00                  | 0.00                  |  |
| 8,900.0                    | 23.77           | 359.76      | 8,888.9               | -119.5       | -3.0         | -119.5                  | 12.00                   | 12.00                  | 0.00                  |  |
| 9,000.0                    | 35.77           | 359.76      | 8,975.6               | -69.9        | -3.2         | -69.9                   | 12.00                   | 12.00                  | 0.00                  |  |
| 9,100.0                    | 47.77           | 359.76      | 9,050.0               | -3.5         | -3.5         | -3.4                    | 12.00                   | 12.00                  | 0.00                  |  |
| 9,200.0                    | 59.77           | 359.76      | 9,109.0               | 77.1         | -3.8         | 77.1                    | 12.00                   | 12.00                  | 0.00                  |  |
| 9,300.0                    | 71.77           | 359.76      | 9,150.0               | 168.1        | -4.2         | 168.1                   | 12.00                   | 12.00                  | 0.00                  |  |
| 9,400.0                    | 83.77           | 359.76      | 9,171.1               | 265.6        | -4.6         | 265.7                   | 12.00                   | 12.00                  | 0.00                  |  |

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

## Planned Survey

| Measured Depth (usft)                 | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,449.1                               | 89.66           | 359.76      | 9,174.0               | 314.6        | -4.8         | 314.7                   | 12.00                   | 12.00                  | 0.00                  |
| <b>Start 4758.5 hold at 9449.1 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,500.0                               | 89.66           | 359.76      | 9,174.3               | 365.5        | -5.0         | 365.6                   | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                               | 89.66           | 359.76      | 9,174.8               | 465.5        | -5.4         | 465.6                   | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                               | 89.66           | 359.76      | 9,175.4               | 565.5        | -5.9         | 565.6                   | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                               | 89.66           | 359.76      | 9,176.0               | 665.5        | -6.3         | 665.6                   | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                               | 89.66           | 359.76      | 9,176.6               | 765.5        | -6.7         | 765.5                   | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                              | 89.66           | 359.76      | 9,177.2               | 865.5        | -7.1         | 865.5                   | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                              | 89.66           | 359.76      | 9,177.8               | 965.5        | -7.5         | 965.5                   | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                              | 89.66           | 359.76      | 9,178.4               | 1,065.5      | -8.0         | 1,065.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                              | 89.66           | 359.76      | 9,179.0               | 1,165.5      | -8.4         | 1,165.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                              | 89.66           | 359.76      | 9,179.6               | 1,265.5      | -8.8         | 1,265.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                              | 89.66           | 359.76      | 9,180.2               | 1,365.5      | -9.2         | 1,365.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                              | 89.66           | 359.76      | 9,180.8               | 1,465.5      | -9.6         | 1,465.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                              | 89.66           | 359.76      | 9,181.4               | 1,565.5      | -10.1        | 1,565.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                              | 89.66           | 359.76      | 9,181.9               | 1,665.5      | -10.5        | 1,665.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                              | 89.66           | 359.76      | 9,182.5               | 1,765.5      | -10.9        | 1,765.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                              | 89.66           | 359.76      | 9,183.1               | 1,865.5      | -11.3        | 1,865.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                              | 89.66           | 359.76      | 9,183.7               | 1,965.5      | -11.8        | 1,965.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                              | 89.66           | 359.76      | 9,184.3               | 2,065.5      | -12.2        | 2,065.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                              | 89.66           | 359.76      | 9,184.9               | 2,165.5      | -12.6        | 2,165.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                              | 89.66           | 359.76      | 9,185.5               | 2,265.5      | -13.0        | 2,265.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                              | 89.66           | 359.76      | 9,186.1               | 2,365.5      | -13.4        | 2,365.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                              | 89.66           | 359.76      | 9,186.7               | 2,465.5      | -13.9        | 2,465.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                              | 89.66           | 359.76      | 9,187.3               | 2,565.5      | -14.3        | 2,565.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                              | 89.66           | 359.76      | 9,187.9               | 2,665.5      | -14.7        | 2,665.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                              | 89.66           | 359.76      | 9,188.5               | 2,765.5      | -15.1        | 2,765.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                              | 89.66           | 359.76      | 9,189.0               | 2,865.5      | -15.5        | 2,865.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                              | 89.66           | 359.76      | 9,189.6               | 2,965.5      | -16.0        | 2,965.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                              | 89.66           | 359.76      | 9,190.2               | 3,065.5      | -16.4        | 3,065.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                              | 89.66           | 359.76      | 9,190.8               | 3,165.5      | -16.8        | 3,165.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                              | 89.66           | 359.76      | 9,191.4               | 3,265.5      | -17.2        | 3,265.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                              | 89.66           | 359.76      | 9,192.0               | 3,365.5      | -17.7        | 3,365.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                              | 89.66           | 359.76      | 9,192.6               | 3,465.5      | -18.1        | 3,465.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                              | 89.66           | 359.76      | 9,193.2               | 3,565.4      | -18.5        | 3,565.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                              | 89.66           | 359.76      | 9,193.8               | 3,665.4      | -18.9        | 3,665.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                              | 89.66           | 359.76      | 9,194.4               | 3,765.4      | -19.3        | 3,765.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                              | 89.66           | 359.76      | 9,195.0               | 3,865.4      | -19.8        | 3,865.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                              | 89.66           | 359.76      | 9,195.5               | 3,965.4      | -20.2        | 3,965.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                              | 89.66           | 359.76      | 9,196.1               | 4,065.4      | -20.6        | 4,065.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                              | 89.66           | 359.76      | 9,196.7               | 4,165.4      | -21.0        | 4,165.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0                              | 89.66           | 359.76      | 9,197.3               | 4,265.4      | -21.4        | 4,265.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0                              | 89.66           | 359.76      | 9,197.9               | 4,365.4      | -21.9        | 4,365.5                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

## Planned Survey

| Measured Depth (usft)                  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,600.0                               | 89.66           | 359.76      | 9,198.5               | 4,465.4      | -22.3        | 4,465.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0                               | 89.66           | 359.76      | 9,199.1               | 4,565.4      | -22.7        | 4,565.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0                               | 89.66           | 359.76      | 9,199.7               | 4,665.4      | -23.1        | 4,665.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0                               | 89.66           | 359.76      | 9,200.3               | 4,765.4      | -23.6        | 4,765.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0                               | 89.66           | 359.76      | 9,200.9               | 4,865.4      | -24.0        | 4,865.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0                               | 89.66           | 359.76      | 9,201.5               | 4,965.4      | -24.4        | 4,965.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0                               | 89.66           | 359.76      | 9,202.1               | 5,065.4      | -24.8        | 5,065.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,207.6                               | 89.66           | 359.76      | 9,202.1               | 5,073.0      | -24.8        | 5,073.0                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Start DLS 2.00 TFO -89.64</b>       |                 |             |                       |              |              |                         |                         |                        |                       |
| 14,216.2                               | 89.66           | 359.59      | 9,202.2               | 5,081.6      | -24.9        | 5,081.7                 | 2.00                    | 0.01                   | -2.00                 |
| <b>Start 5232.7 hold at 14216.2 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 14,300.0                               | 89.66           | 359.59      | 9,202.6               | 5,165.4      | -25.5        | 5,165.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0                               | 89.66           | 359.59      | 9,203.2               | 5,265.4      | -26.2        | 5,265.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0                               | 89.66           | 359.59      | 9,203.8               | 5,365.4      | -26.9        | 5,365.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0                               | 89.66           | 359.59      | 9,204.4               | 5,465.4      | -27.7        | 5,465.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0                               | 89.66           | 359.59      | 9,205.0               | 5,565.4      | -28.4        | 5,565.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0                               | 89.66           | 359.59      | 9,205.6               | 5,665.4      | -29.1        | 5,665.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0                               | 89.66           | 359.59      | 9,206.2               | 5,765.4      | -29.8        | 5,765.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0                               | 89.66           | 359.59      | 9,206.8               | 5,865.4      | -30.6        | 5,865.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0                               | 89.66           | 359.59      | 9,207.4               | 5,965.4      | -31.3        | 5,965.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0                               | 89.66           | 359.59      | 9,208.0               | 6,065.4      | -32.0        | 6,065.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0                               | 89.66           | 359.59      | 9,208.5               | 6,165.4      | -32.7        | 6,165.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0                               | 89.66           | 359.59      | 9,209.1               | 6,265.4      | -33.5        | 6,265.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0                               | 89.66           | 359.59      | 9,209.7               | 6,365.4      | -34.2        | 6,365.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0                               | 89.66           | 359.59      | 9,210.3               | 6,465.3      | -34.9        | 6,465.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0                               | 89.66           | 359.59      | 9,210.9               | 6,565.3      | -35.6        | 6,565.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0                               | 89.66           | 359.59      | 9,211.5               | 6,665.3      | -36.3        | 6,665.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0                               | 89.66           | 359.59      | 9,212.1               | 6,765.3      | -37.1        | 6,765.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0                               | 89.66           | 359.59      | 9,212.7               | 6,865.3      | -37.8        | 6,865.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0                               | 89.66           | 359.59      | 9,213.3               | 6,965.3      | -38.5        | 6,965.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0                               | 89.66           | 359.59      | 9,213.8               | 7,065.3      | -39.2        | 7,065.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0                               | 89.66           | 359.59      | 9,214.4               | 7,165.3      | -40.0        | 7,165.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0                               | 89.66           | 359.59      | 9,215.0               | 7,265.3      | -40.7        | 7,265.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0                               | 89.66           | 359.59      | 9,215.6               | 7,365.3      | -41.4        | 7,365.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0                               | 89.66           | 359.59      | 9,216.2               | 7,465.3      | -42.1        | 7,465.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0                               | 89.66           | 359.59      | 9,216.8               | 7,565.3      | -42.9        | 7,565.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0                               | 89.66           | 359.59      | 9,217.4               | 7,665.3      | -43.6        | 7,665.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0                               | 89.66           | 359.59      | 9,218.0               | 7,765.3      | -44.3        | 7,765.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0                               | 89.66           | 359.59      | 9,218.6               | 7,865.3      | -45.0        | 7,865.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0                               | 89.66           | 359.59      | 9,219.2               | 7,965.3      | -45.7        | 7,965.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0                               | 89.66           | 359.59      | 9,219.7               | 8,065.3      | -46.5        | 8,065.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0                               | 89.66           | 359.59      | 9,220.3               | 8,165.3      | -47.2        | 8,165.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0                               | 89.66           | 359.59      | 9,220.9               | 8,265.3      | -47.9        | 8,265.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0                               | 89.66           | 359.59      | 9,221.5               | 8,365.3      | -48.6        | 8,365.4                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

## Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,600.0              | 89.66           | 359.59      | 9,222.1               | 8,465.3      | -49.4        | 8,465.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 89.66           | 359.59      | 9,222.7               | 8,565.3      | -50.1        | 8,565.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 89.66           | 359.59      | 9,223.3               | 8,665.3      | -50.8        | 8,665.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.66           | 359.59      | 9,223.9               | 8,765.2      | -51.5        | 8,765.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.66           | 359.59      | 9,224.5               | 8,865.2      | -52.2        | 8,865.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.66           | 359.59      | 9,225.0               | 8,965.2      | -53.0        | 8,965.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.66           | 359.59      | 9,225.6               | 9,065.2      | -53.7        | 9,065.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.66           | 359.59      | 9,226.2               | 9,165.2      | -54.4        | 9,165.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.66           | 359.59      | 9,226.8               | 9,265.2      | -55.1        | 9,265.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.66           | 359.59      | 9,227.4               | 9,365.2      | -55.9        | 9,365.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 89.66           | 359.59      | 9,228.0               | 9,465.2      | -56.6        | 9,465.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 89.66           | 359.59      | 9,228.6               | 9,565.2      | -57.3        | 9,565.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 89.66           | 359.59      | 9,229.2               | 9,665.2      | -58.0        | 9,665.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 89.66           | 359.59      | 9,229.8               | 9,765.2      | -58.8        | 9,765.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 89.66           | 359.59      | 9,230.4               | 9,865.2      | -59.5        | 9,865.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 89.66           | 359.59      | 9,230.9               | 9,965.2      | -60.2        | 9,965.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 89.66           | 359.59      | 9,231.5               | 10,065.2     | -60.9        | 10,065.4                | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 89.66           | 359.59      | 9,232.1               | 10,165.2     | -61.6        | 10,165.4                | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 89.66           | 359.59      | 9,232.7               | 10,265.2     | -62.4        | 10,265.4                | 0.00                    | 0.00                   | 0.00                  |
| 19,448.9              | 89.66           | 359.59      | 9,233.0               | 10,314.1     | -62.7        | 10,314.3                | 0.00                    | 0.00                   | 0.00                  |
| TD at 19448.9         |                 |             |                       |              |              |                         |                         |                        |                       |

## Design Targets

| Target Name                                                                                | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude        |
|--------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|------------------|
| FTP (MERCURY ST C<br>- hit/miss target<br>- Shape                                          | 0.00          | 0.00         | 9,174.0    | -209.7       | 1.5          | 376,550.74      | 565,421.82     | 32° 2' 6.276 N  | 104° 7' 19.961 W |
| - plan misses target center by 233.9usft at 9055.0usft MD (9018.3 TVD, -35.3 N, -3.3 E)    |               |              |            |              |              |                 |                |                 |                  |
| - Circle (radius 50.0)                                                                     |               |              |            |              |              |                 |                |                 |                  |
| T1 (MERCURY ST C<br>- plan hits target center<br>- Rectangle (sides W100.0 H5,292.0 D20.0) | -0.34         | 179.76       | 9,202.1    | 5,073.0      | -24.8        | 381,833.41      | 565,395.50     | 32° 2' 58.557 N | 104° 7' 20.147 W |
| PBHL/LTP (MERCUR<br>- plan hits target center<br>- Rectangle (sides W100.0 H5,237.0 D20.0) | -0.34         | 179.59       | 9,233.0    | 10,314.1     | -62.7        | 387,074.54      | 565,357.62     | 32° 3' 50.427 N | 104° 7' 20.468 W |

## Concho Resources LLC

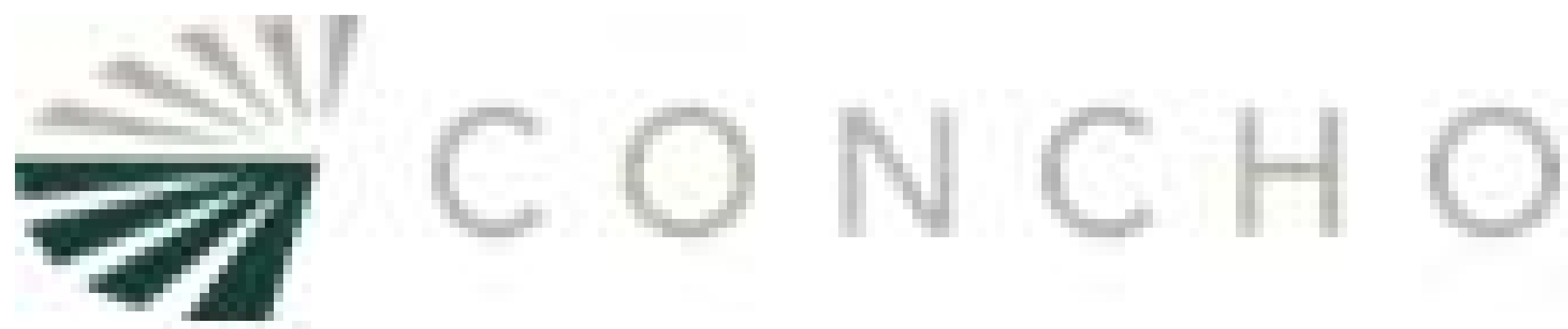
## Survey Report

|                  |                           |                                     |                            |
|------------------|---------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST       | <b>Local Co-ordinate Reference:</b> | Well MERCURY ST COM #702H  |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)     | <b>TVD Reference:</b>               | *KB=30' @ 3098.0usft (TBD) |
| <b>Site:</b>     | MERCURY STATE COM PROJECT | <b>MD Reference:</b>                | *KB=30' @ 3098.0usft (TBD) |
| <b>Well:</b>     | MERCURY ST COM #702H      | <b>North Reference:</b>             | Grid                       |
| <b>Wellbore:</b> | OWB                       | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Design:</b>   | PWP1                      | <b>Database:</b>                    | edm                        |

## Plan Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                         |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                 |
| 2500                        | 2500                        | 0                 | 0               | Start Build 2.00                |
| 2700                        | 2700                        | -7                | 0               | Start 2094.0 hold at 2700.0 MD  |
| 4794                        | 4789                        | -153              | -3              | Start Drop -2.00                |
| 4994                        | 4989                        | -160              | -3              | Start 3708.0 hold at 4994.0 MD  |
| 8702                        | 8697                        | -160              | -3              | Start DLS 12.00 TFO 359.76      |
| 9449                        | 9174                        | 315               | -5              | Start 4758.5 hold at 9449.1 MD  |
| 14,208                      | 9202                        | 5073              | -25             | Start DLS 2.00 TFO -89.64       |
| 14,216                      | 9202                        | 5082              | -25             | Start 5232.7 hold at 14216.2 MD |
| 19,449                      | 9233                        | 10,314            | -63             | TD at 19448.9                   |

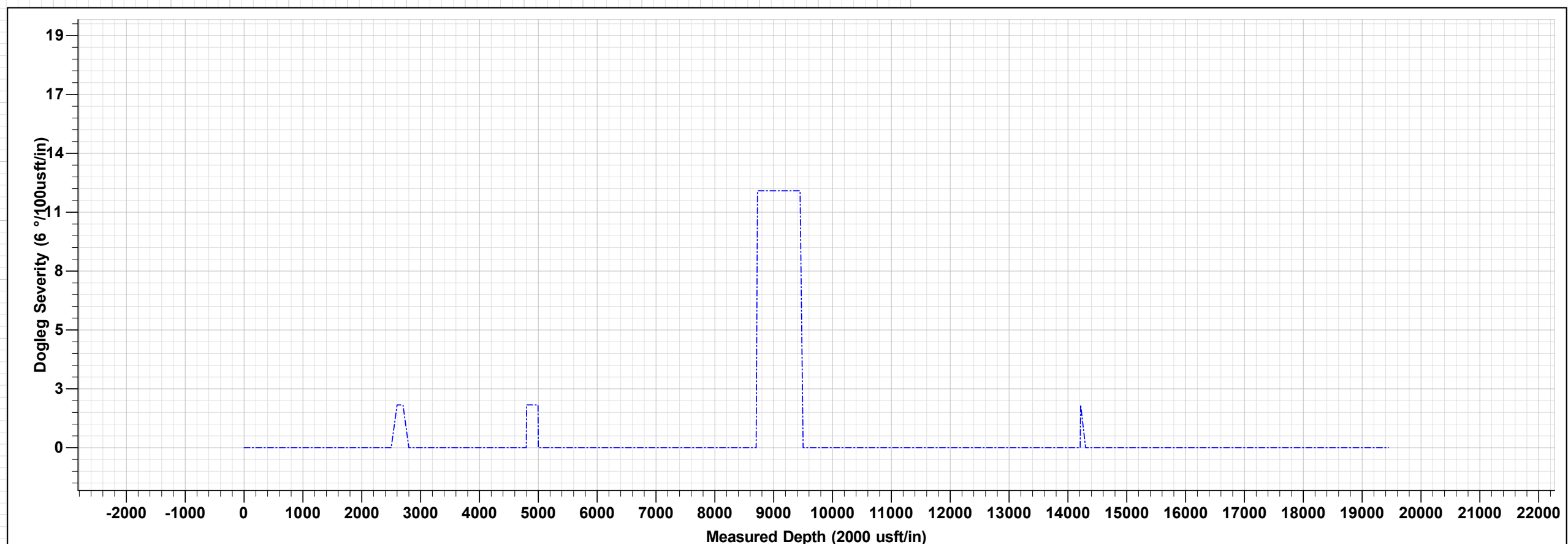
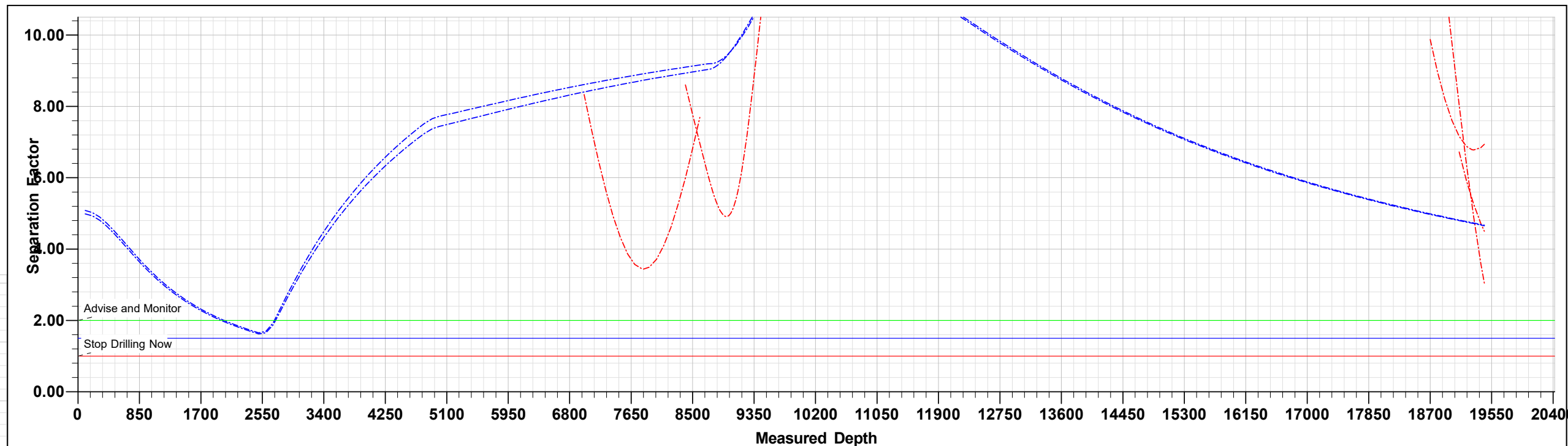
Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



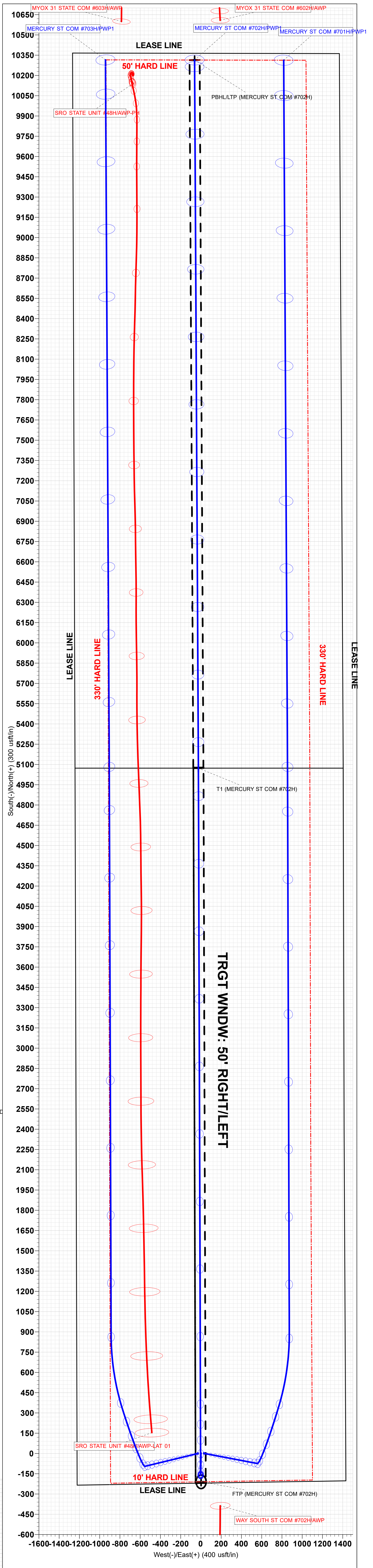
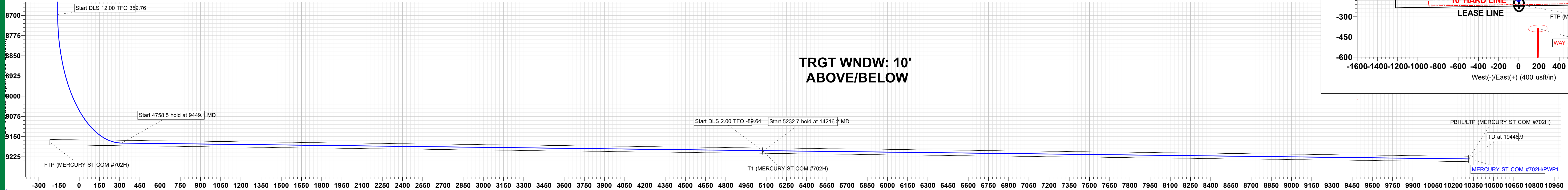
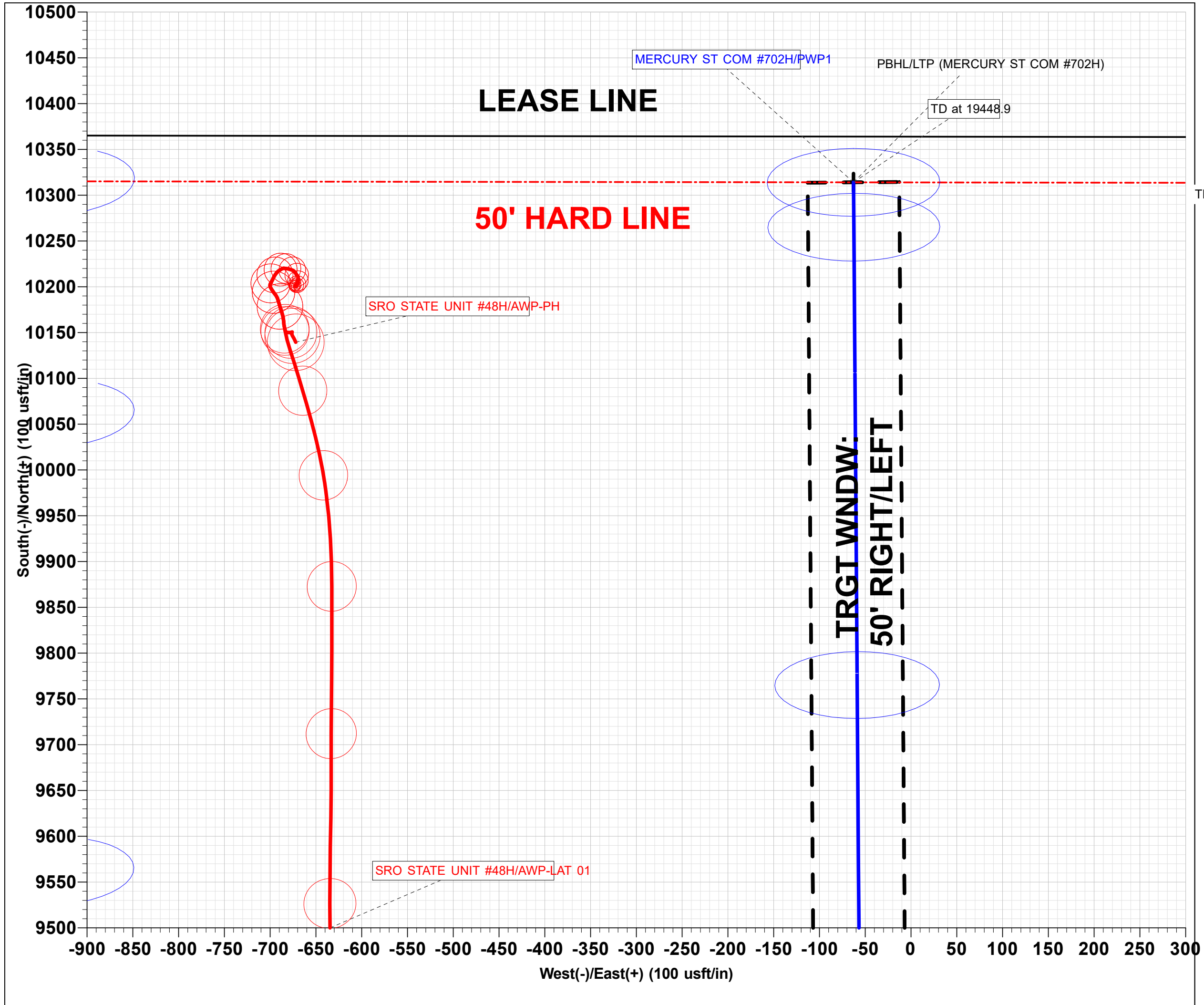
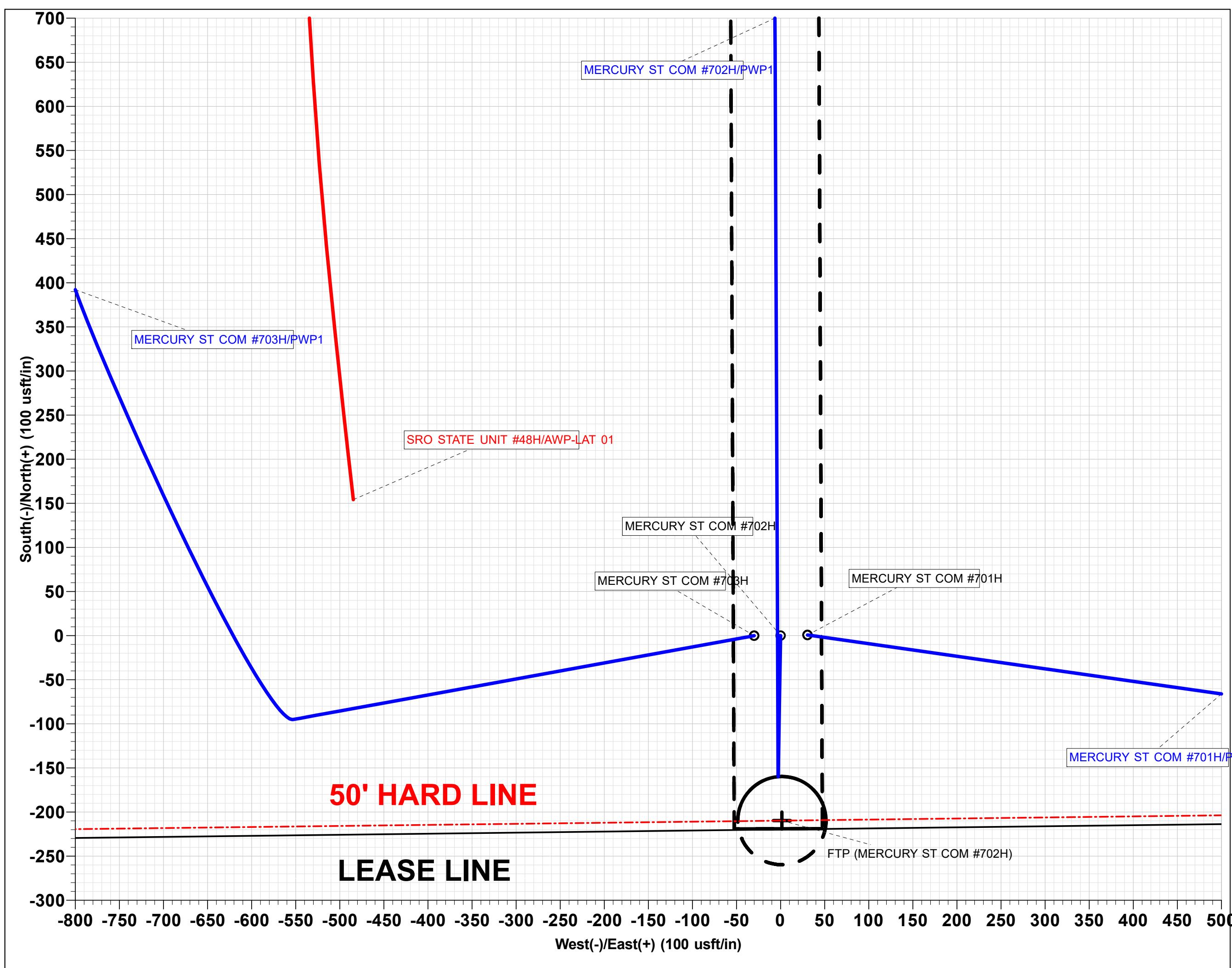
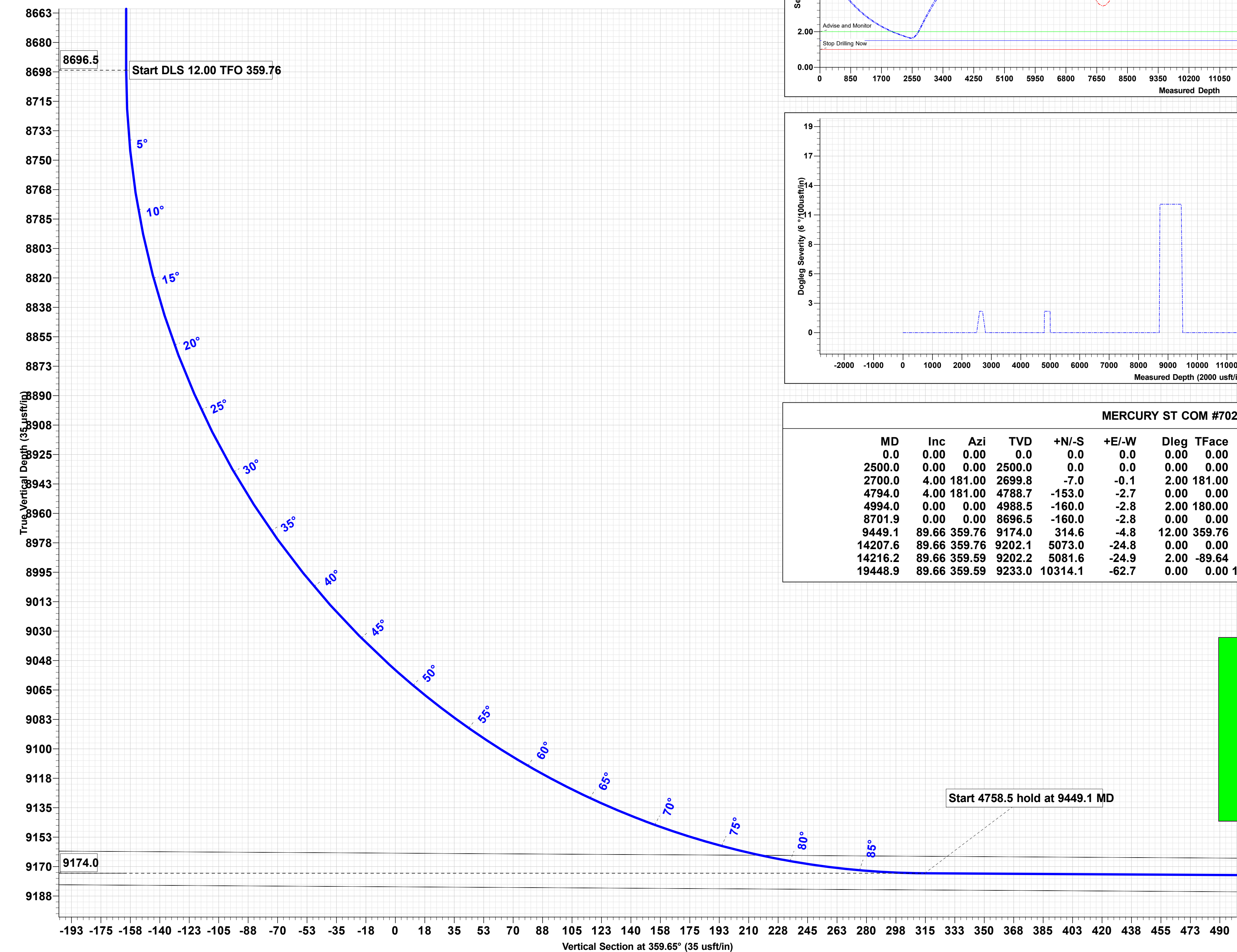
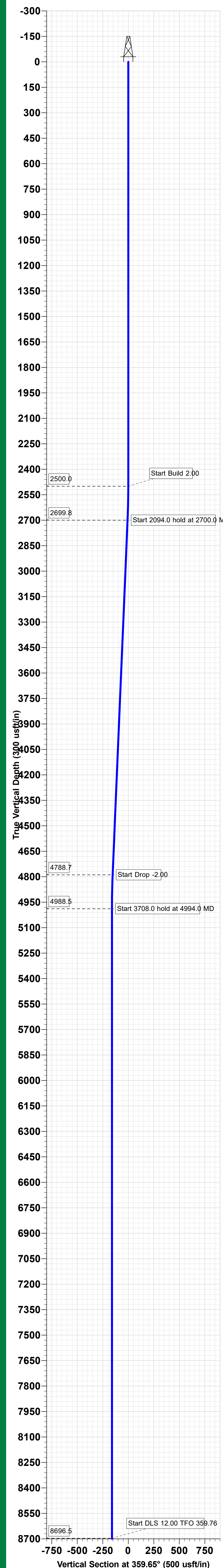
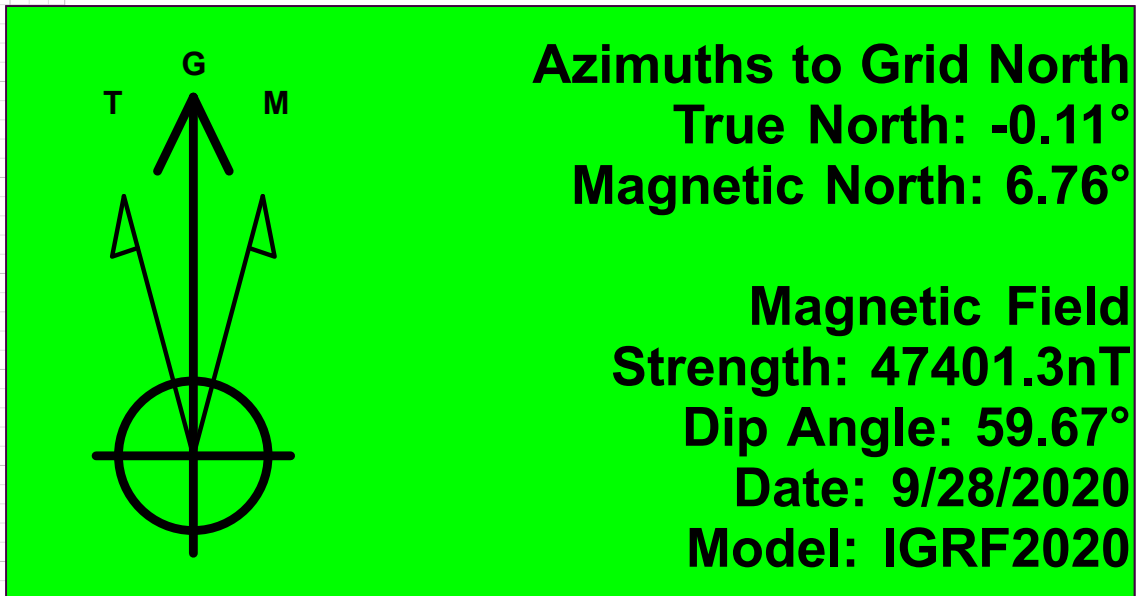
Project: ATLAS PROSPECT (NM-E)  
Site: MERCURY STATE COM PROJECT  
Well: MERCURY ST COM #702H  
Wellbore: OWB  
Design: PWP1  
SL: 3068.0  
\*KB=30° @ 3098.0usft (TBD)

| WELL DETAILS: MERCURY ST COM #702H |       |           |           |                |                  |  |
|------------------------------------|-------|-----------|-----------|----------------|------------------|--|
| +N/-S                              | +E/-W | Northing  | Easting   | Latitude       | Longitude        |  |
| 0.0                                | 0.0   | 376760.43 | 565420.34 | 32° 2' 8.352 N | 104° 7' 19.973 W |  |

| DESIGN TARGET DETAILS           |        |         |       |           |           |                 |                  |
|---------------------------------|--------|---------|-------|-----------|-----------|-----------------|------------------|
| Name                            | TVD    | +N/-S   | +E/-W | Northing  | Easting   | Latitude        | Longitude        |
| FTP (MERCURY ST COM #702H)      | 9174.0 | -209.7  | 1.5   | 376550.74 | 565421.82 | 32° 2' 6.276 N  | 104° 7' 19.961 W |
| T1 (MERCURY ST COM #702H)       | 9202.1 | 5073.0  | -24.8 | 381833.41 | 565395.49 | 32° 2' 58.557 N | 104° 7' 20.147 W |
| PBHL/LTP (MERCURY ST COM #702H) | 9233.0 | 10314.1 | -62.7 | 387074.54 | 565357.62 | 32° 3' 50.427 N | 104° 7' 20.468 W |



| MERCURY ST COM #702H |       |        |        |         |       |       |        |         |                                 |
|----------------------|-------|--------|--------|---------|-------|-------|--------|---------|---------------------------------|
| MD                   | Inc   | Azi    | TVD    | +N/-S   | +E/-W | Dleg  | TFace  | Vsect   | Annotation                      |
| 0.0                  | 0.00  | 0.00   | 0.0    | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     | Start Build 2.00                |
| 2500.0               | 0.00  | 0.00   | 2500.0 | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     | Start 2094.0 hold at 2700.0 MD  |
| 2700.0               | 4.00  | 181.00 | 2699.8 | -7.0    | -0.1  | 2.00  | 181.00 | -7.0    | Start Drop -2.00                |
| 4794.0               | 4.00  | 181.00 | 4788.7 | -153.0  | -2.7  | 0.00  | 0.00   | -153.0  | Start DLS 12.00 TFO 359.76      |
| 4994.0               | 0.00  | 0.00   | 4988.5 | -160.0  | -2.8  | 2.00  | 180.00 | -160.0  | Start 3708.0 hold at 4994.0 MD  |
| 8701.9               | 0.00  | 0.00   | 8696.5 | -160.0  | -2.8  | 0.00  | 0.00   | -160.0  | Start DLS 12.00 TFO 359.76      |
| 9449.1               | 89.66 | 359.76 | 9174.0 | 314.6   | -4.8  | 12.00 | 359.76 | 314.7   | Start 4758.5 hold at 9449.1 MD  |
| 14207.6              | 89.66 | 359.76 | 9202.1 | 5073.0  | -24.8 | 0.00  | 0.00   | 5073.0  | Start DLS 2.00 TFO -89.64       |
| 14216.2              | 89.66 | 359.59 | 9202.2 | 5081.6  | -24.9 | 2.00  | -89.64 | 5081.7  | Start 5232.7 hold at 14216.2 MD |
| 19448.9              | 89.66 | 359.59 | 9233.0 | 10314.1 | -62.7 | 0.00  | 0.00   | 10314.3 | TD at 19448.9                   |



TRGT WNDW: 10' ABOVE/BELOW

Intent ☐ As Drilled ☐

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

## Kick Off Point (KOP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

## First Take Point (FTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

## Last Take Point (LTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018