

AUG 18 2016

## Endurance Resources LLC

HALLIBURTON

Sperry Drilling Services

RECEIVED

Project: Lea County, NM (NAD 83)  
 Site: Music Master 27 Fed  
 Well: Music Master 27 Fed 3H  
 Wellbore: Wellbore #1  
 Design: Plan #2  
 Rig: Noram 23



## SURFACE LOCATION

US State Plane 1983  
 New Mexico Eastern Zone  
 Elevation: GL 3181.4' + KB 29.0' @ 3210.40usft (Noram 23)  
 Northing Easting Latitude Longitude  
 399491.78 844845.10 32° 5' 40.166 N 103° 21' 11.712 W

## SECTION DETAILS

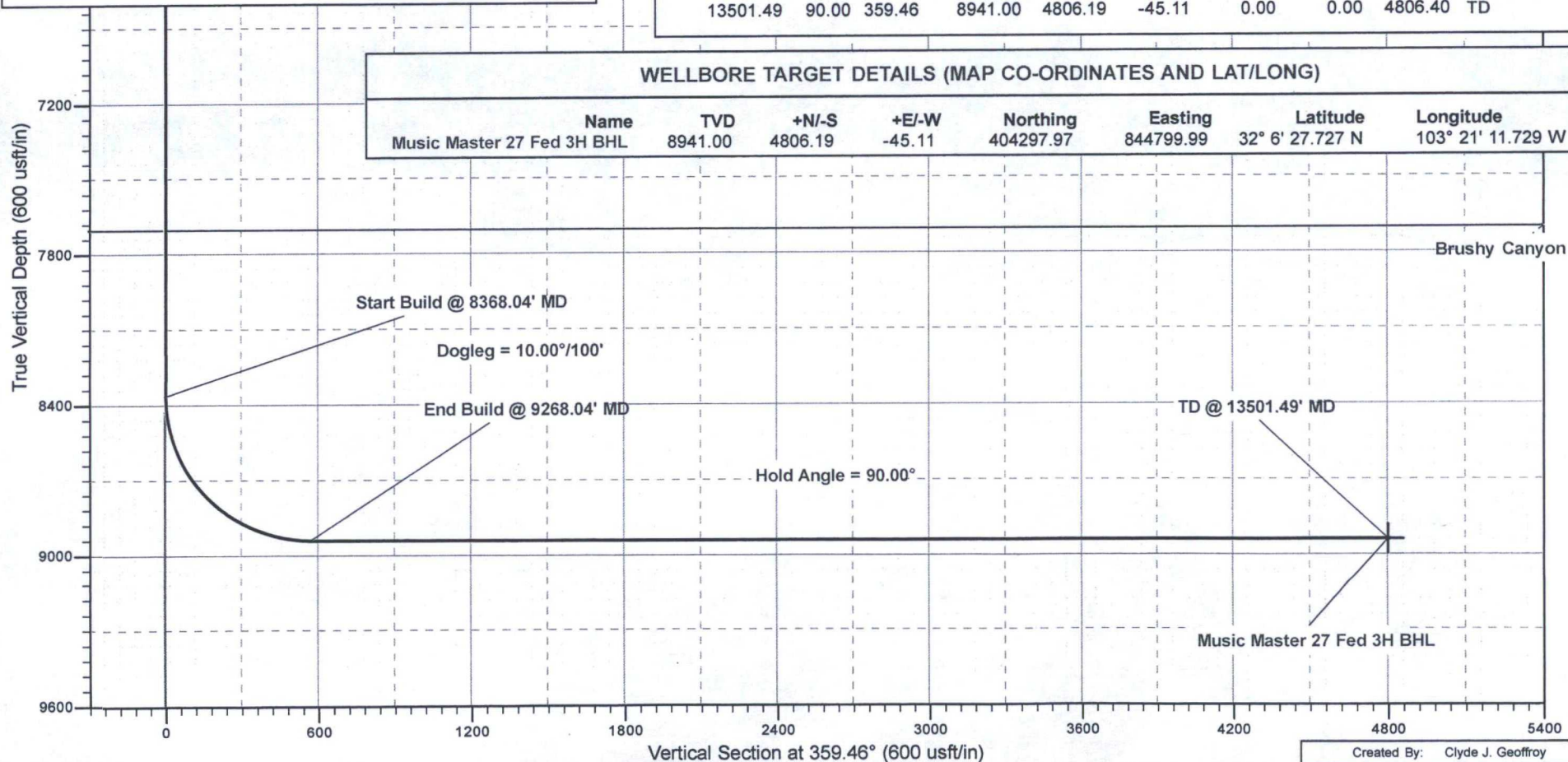
| MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W  | Dleg  | TFace  | Vsect   | Annotation  |
|----------|-------|--------|---------|---------|--------|-------|--------|---------|-------------|
| 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00   | 0.00  | 0.00   | 0.00    |             |
| 8368.04  | 0.00  | 0.00   | 8368.04 | 0.00    | 0.00   | 0.00  | 0.00   | 0.00    | Start Build |
| 9268.04  | 90.00 | 359.46 | 8941.00 | 572.93  | -5.38  | 10.00 | 359.46 | 572.96  | End Build   |
| 13501.49 | 90.00 | 359.46 | 8941.00 | 4806.19 | -45.11 | 0.00  | 0.00   | 4806.40 | TD          |

To convert a Magnetic Direction to a Grid Direction, Add 6.55°

Magnetic Model: BGGM2015 Date: 18-Feb-16  
 Azimuths to Grid North

## WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

| Name                       | TVD     | +N/-S   | +E/-W  | Northing  | Easting   | Latitude        | Longitude         |
|----------------------------|---------|---------|--------|-----------|-----------|-----------------|-------------------|
| Music Master 27 Fed 3H BHL | 8941.00 | 4806.19 | -45.11 | 404297.97 | 844799.99 | 32° 6' 27.727 N | 103° 21' 11.729 W |



Created By: Clyde J. Geoffroy



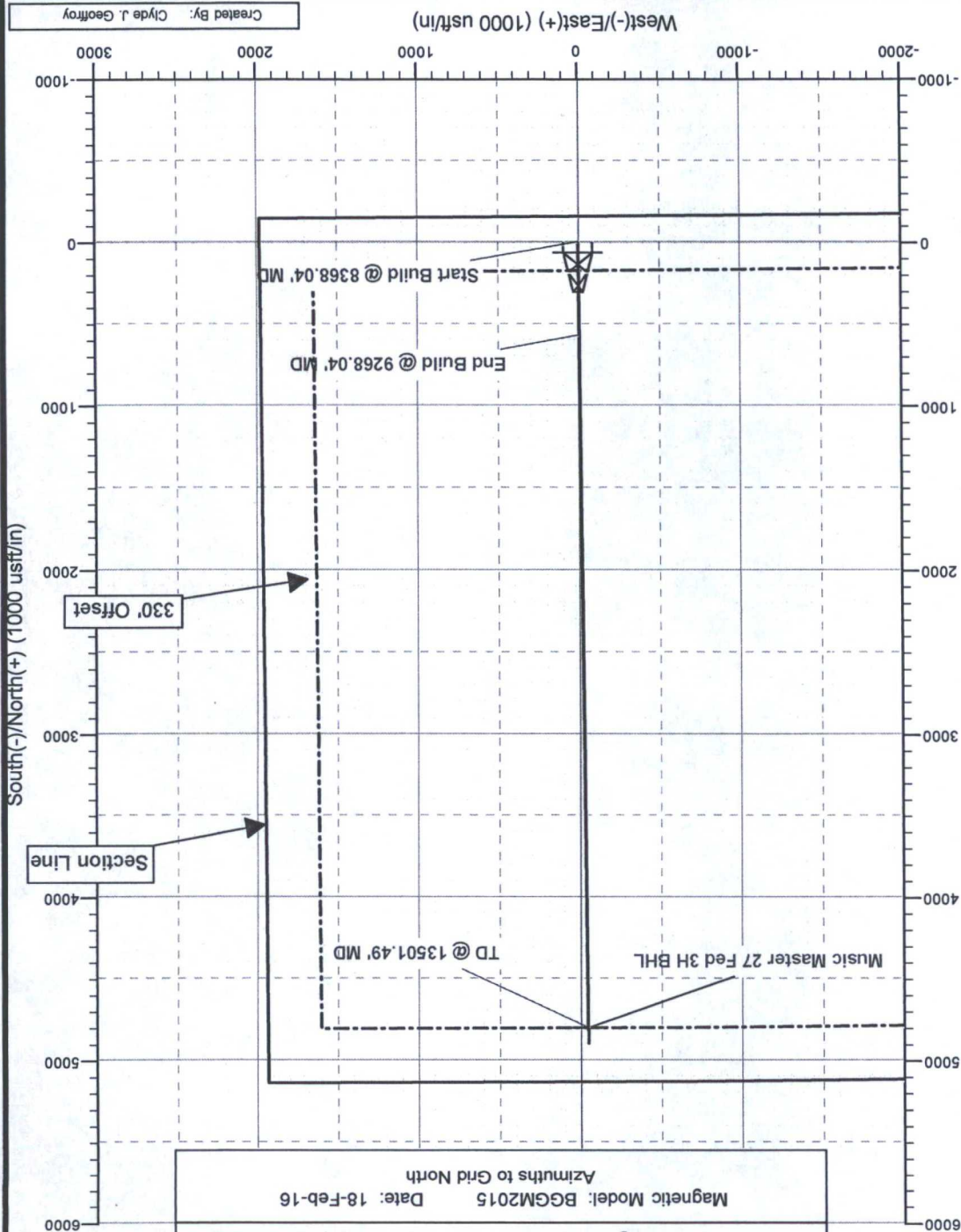
Project: Lea County, NM (NAD 83)  
Site: Music Master 27 Fed  
Well: Music Master 27 Fed 3H  
Wellbore: Wellbore #1  
Design: Plan #2  
Rig: Noram 23

US State Plane 1983  
New Mexico Eastern Zone  
Elevation: GL 3181.4' + KB 29.0' @ 3210.40usft (Noram 23)  
Northing 844845.10  
Easting 844845.10  
Latitude 32° 5' 40.166 N 103° 21' 11.712 W  
Longitude 103° 21' 11.712 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

|      |                            |       |         |       |        |          |           |         |           |          |                 |           |                   |
|------|----------------------------|-------|---------|-------|--------|----------|-----------|---------|-----------|----------|-----------------|-----------|-------------------|
| Name | Music Master 27 Fed 3H BHL | +N/-S | 4806.19 | +E/-W | -45.11 | Northing | 404297.97 | Easting | 844799.99 | Latitude | 32° 6' 27.727 N | Longitude | 103° 21' 11.729 W |
| TVD  | 8941.00                    |       |         |       |        |          |           |         |           |          |                 |           |                   |

To convert a Magnetic Direction to a Grid Direction, Add 6.55°  
Magnetic Model: BCGM2015 Date: 18-Feb-16  
Azimuths to Grid North



# Endurance Resources LLC

Lea County, NM (NAD 83)

Music Master 27 Fed

Music Master 27 Fed 3H

**HOBBS OCD**

**AUG 18 2016**

**RECEIVED**

**Wellbore #1**

**Plan: Plan #2**

## Sperry Drilling Services Proposal Report

**19 February, 2016**

Well Coordinates: 399,491.78 N, 844,845.10 E (32° 05' 40.17" N, 103° 21' 11.71" W)

Ground Level: 3,181.40 usft

Local Coordinate Origin: Centered on Well Music Master 27 Fed 3H

Viewing Datum: GL 3181.4' + KB 29.0' @ 3210.40usft (Noram 23)

TVDs to System: N

North Reference: Grid

Unit System: API - US Survey Feet

Version: 5000.1 Build: 81B

**HALLIBURTON**



**HALLIBURTON****Plan Report for Music Master 27 Fed 3H - Plan #2**

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) | Toolface<br>Azimuth<br>(°) |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|
| 0.00                        | 0.00               | 0.00           | 0.00                        | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 100.00                      | 0.00               | 0.00           | 100.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 200.00                      | 0.00               | 0.00           | 200.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 300.00                      | 0.00               | 0.00           | 300.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 400.00                      | 0.00               | 0.00           | 400.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 500.00                      | 0.00               | 0.00           | 500.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 600.00                      | 0.00               | 0.00           | 600.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 700.00                      | 0.00               | 0.00           | 700.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 800.00                      | 0.00               | 0.00           | 800.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 882.00                      | 0.00               | 0.00           | 882.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| <b>Rustler</b>              |                    |                |                             |                 |                 |                               |                               |                              |                             |                            |
| 900.00                      | 0.00               | 0.00           | 900.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,000.00                    | 0.00               | 0.00           | 1,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,100.00                    | 0.00               | 0.00           | 1,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,200.00                    | 0.00               | 0.00           | 1,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,300.00                    | 0.00               | 0.00           | 1,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,400.00                    | 0.00               | 0.00           | 1,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,473.00                    | 0.00               | 0.00           | 1,473.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| <b>Top of Salt</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |                            |
| 1,500.00                    | 0.00               | 0.00           | 1,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,600.00                    | 0.00               | 0.00           | 1,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,700.00                    | 0.00               | 0.00           | 1,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,800.00                    | 0.00               | 0.00           | 1,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 1,900.00                    | 0.00               | 0.00           | 1,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,000.00                    | 0.00               | 0.00           | 2,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,100.00                    | 0.00               | 0.00           | 2,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,200.00                    | 0.00               | 0.00           | 2,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,300.00                    | 0.00               | 0.00           | 2,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,400.00                    | 0.00               | 0.00           | 2,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,500.00                    | 0.00               | 0.00           | 2,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,600.00                    | 0.00               | 0.00           | 2,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,700.00                    | 0.00               | 0.00           | 2,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,800.00                    | 0.00               | 0.00           | 2,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 2,900.00                    | 0.00               | 0.00           | 2,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,000.00                    | 0.00               | 0.00           | 3,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,100.00                    | 0.00               | 0.00           | 3,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,200.00                    | 0.00               | 0.00           | 3,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,300.00                    | 0.00               | 0.00           | 3,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,400.00                    | 0.00               | 0.00           | 3,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,500.00                    | 0.00               | 0.00           | 3,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,600.00                    | 0.00               | 0.00           | 3,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,700.00                    | 0.00               | 0.00           | 3,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,800.00                    | 0.00               | 0.00           | 3,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 3,900.00                    | 0.00               | 0.00           | 3,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,000.00                    | 0.00               | 0.00           | 4,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,100.00                    | 0.00               | 0.00           | 4,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,200.00                    | 0.00               | 0.00           | 4,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,300.00                    | 0.00               | 0.00           | 4,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,400.00                    | 0.00               | 0.00           | 4,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,500.00                    | 0.00               | 0.00           | 4,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,600.00                    | 0.00               | 0.00           | 4,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,700.00                    | 0.00               | 0.00           | 4,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,800.00                    | 0.00               | 0.00           | 4,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 4,900.00                    | 0.00               | 0.00           | 4,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 5,000.00                    | 0.00               | 0.00           | 5,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 5,100.00                    | 0.00               | 0.00           | 5,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| 5,186.00                    | 0.00               | 0.00           | 5,186.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        | 0.00                       |
| <b>Lamar</b>                |                    |                |                             |                 |                 |                               |                               |                              |                             |                            |



**HALLIBURTON****Plan Report for Music Master 27 Fed 3H - Plan #2**

| 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) | Toolface Azimuth (°) |
|---------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|----------------------|
| 5,200.00                                                | 0.00            | 0.00        | 5,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,204.00                                                | 0.00            | 0.00        | 5,204.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| <b>Bell Canyon</b>                                      |                 |             |                       |              |              |                         |                         |                        |                       |                      |
| 5,300.00                                                | 0.00            | 0.00        | 5,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,400.00                                                | 0.00            | 0.00        | 5,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,500.00                                                | 0.00            | 0.00        | 5,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,600.00                                                | 0.00            | 0.00        | 5,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,700.00                                                | 0.00            | 0.00        | 5,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,800.00                                                | 0.00            | 0.00        | 5,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 5,900.00                                                | 0.00            | 0.00        | 5,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,000.00                                                | 0.00            | 0.00        | 6,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,100.00                                                | 0.00            | 0.00        | 6,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,200.00                                                | 0.00            | 0.00        | 6,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,262.00                                                | 0.00            | 0.00        | 6,262.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| <b>Cherry Canyon</b>                                    |                 |             |                       |              |              |                         |                         |                        |                       |                      |
| 6,300.00                                                | 0.00            | 0.00        | 6,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,400.00                                                | 0.00            | 0.00        | 6,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,500.00                                                | 0.00            | 0.00        | 6,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,600.00                                                | 0.00            | 0.00        | 6,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,700.00                                                | 0.00            | 0.00        | 6,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,800.00                                                | 0.00            | 0.00        | 6,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 6,900.00                                                | 0.00            | 0.00        | 6,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,000.00                                                | 0.00            | 0.00        | 7,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,100.00                                                | 0.00            | 0.00        | 7,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,200.00                                                | 0.00            | 0.00        | 7,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,300.00                                                | 0.00            | 0.00        | 7,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,400.00                                                | 0.00            | 0.00        | 7,400.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,500.00                                                | 0.00            | 0.00        | 7,500.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,600.00                                                | 0.00            | 0.00        | 7,600.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,700.00                                                | 0.00            | 0.00        | 7,700.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,706.00                                                | 0.00            | 0.00        | 7,706.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| <b>Brushy Canyon</b>                                    |                 |             |                       |              |              |                         |                         |                        |                       |                      |
| 7,800.00                                                | 0.00            | 0.00        | 7,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 7,900.00                                                | 0.00            | 0.00        | 7,900.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 8,000.00                                                | 0.00            | 0.00        | 8,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 8,100.00                                                | 0.00            | 0.00        | 8,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 8,200.00                                                | 0.00            | 0.00        | 8,200.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 8,300.00                                                | 0.00            | 0.00        | 8,300.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 8,368.04                                                | 0.00            | 0.00        | 8,368.04              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| <b>Start Build @ 8368.04' MD - Dogleg = 10.00°/100'</b> |                 |             |                       |              |              |                         |                         |                        |                       |                      |
| 8,400.00                                                | 3.20            | 359.46      | 8,399.98              | 0.89         | -0.01        | 0.89                    | 10.00                   | 10.00                  | 0.00                  | 359.46               |
| 8,450.00                                                | 8.20            | 359.46      | 8,449.72              | 5.85         | -0.05        | 5.85                    | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,500.00                                                | 13.20           | 359.46      | 8,498.84              | 15.13        | -0.14        | 15.13                   | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,550.00                                                | 18.20           | 359.46      | 8,546.96              | 28.65        | -0.27        | 28.65                   | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,600.00                                                | 23.20           | 359.46      | 8,593.72              | 46.31        | -0.43        | 46.32                   | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,650.00                                                | 28.20           | 359.46      | 8,638.76              | 67.99        | -0.64        | 67.99                   | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,700.00                                                | 33.20           | 359.46      | 8,681.74              | 93.50        | -0.88        | 93.50                   | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,750.00                                                | 38.20           | 359.46      | 8,722.33              | 122.66       | -1.15        | 122.67                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,800.00                                                | 43.20           | 359.46      | 8,760.23              | 155.25       | -1.46        | 155.26                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,850.00                                                | 48.20           | 359.46      | 8,795.14              | 191.02       | -1.79        | 191.03                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,900.00                                                | 53.20           | 359.46      | 8,826.80              | 229.70       | -2.16        | 229.71                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 8,950.00                                                | 58.20           | 359.46      | 8,854.97              | 270.99       | -2.54        | 271.00                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,000.00                                                | 63.20           | 359.46      | 8,879.44              | 314.57       | -2.95        | 314.59                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,050.00                                                | 68.20           | 359.46      | 8,900.01              | 360.12       | -3.38        | 360.14                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,100.00                                                | 73.20           | 359.46      | 8,916.53              | 407.30       | -3.82        | 407.31                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,150.00                                                | 78.20           | 359.46      | 8,928.88              | 455.73       | -4.28        | 455.75                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,200.00                                                | 83.20           | 359.46      | 8,936.96              | 505.05       | -4.74        | 505.08                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,250.00                                                | 88.20           | 359.46      | 8,940.72              | 554.89       | -5.21        | 554.92                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |
| 9,268.04                                                | 90.00           | 359.46      | 8,941.00              | 572.93       | -5.38        | 572.96                  | 10.00                   | 10.00                  | 0.00                  | 0.00                 |



**HALLIBURTON****Plan Report for Music Master 27 Fed 3H - Plan #2**

| 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) | Toolface Azimuth (°) |
|-------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|----------------------|
| <b>End Build @ 9268.04' MD - Hold Angle = 90.00°</b>  |                 |             |                       |              |              |                         |                         |                        |                       |                      |
| 9,300.00                                              | 90.00           | 359.46      | 8,941.00              | 604.89       | -5.68        | 604.92                  | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,400.00                                              | 90.00           | 359.46      | 8,941.00              | 704.88       | -6.62        | 704.92                  | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,500.00                                              | 90.00           | 359.46      | 8,941.00              | 804.88       | -7.55        | 804.92                  | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,600.00                                              | 90.00           | 359.46      | 8,941.00              | 904.88       | -8.49        | 904.92                  | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,700.00                                              | 90.00           | 359.46      | 8,941.00              | 1,004.87     | -9.43        | 1,004.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,800.00                                              | 90.00           | 359.46      | 8,941.00              | 1,104.87     | -10.37       | 1,104.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 9,900.00                                              | 90.00           | 359.46      | 8,941.00              | 1,204.86     | -11.31       | 1,204.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,000.00                                             | 90.00           | 359.46      | 8,941.00              | 1,304.86     | -12.25       | 1,304.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,100.00                                             | 90.00           | 359.46      | 8,941.00              | 1,404.85     | -13.19       | 1,404.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,200.00                                             | 90.00           | 359.46      | 8,941.00              | 1,504.85     | -14.12       | 1,504.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,300.00                                             | 90.00           | 359.46      | 8,941.00              | 1,604.84     | -15.06       | 1,604.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,400.00                                             | 90.00           | 359.46      | 8,941.00              | 1,704.84     | -16.00       | 1,704.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,500.00                                             | 90.00           | 359.46      | 8,941.00              | 1,804.84     | -16.94       | 1,804.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,600.00                                             | 90.00           | 359.46      | 8,941.00              | 1,904.83     | -17.88       | 1,904.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,700.00                                             | 90.00           | 359.46      | 8,941.00              | 2,004.83     | -18.82       | 2,004.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,800.00                                             | 90.00           | 359.46      | 8,941.00              | 2,104.82     | -19.76       | 2,104.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 10,900.00                                             | 90.00           | 359.46      | 8,941.00              | 2,204.82     | -20.69       | 2,204.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,000.00                                             | 90.00           | 359.46      | 8,941.00              | 2,304.81     | -21.63       | 2,304.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,100.00                                             | 90.00           | 359.46      | 8,941.00              | 2,404.81     | -22.57       | 2,404.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,200.00                                             | 90.00           | 359.46      | 8,941.00              | 2,504.81     | -23.51       | 2,504.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,300.00                                             | 90.00           | 359.46      | 8,941.00              | 2,604.80     | -24.45       | 2,604.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,400.00                                             | 90.00           | 359.46      | 8,941.00              | 2,704.80     | -25.39       | 2,704.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,500.00                                             | 90.00           | 359.46      | 8,941.00              | 2,804.79     | -26.33       | 2,804.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,600.00                                             | 90.00           | 359.46      | 8,941.00              | 2,904.79     | -27.26       | 2,904.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,700.00                                             | 90.00           | 359.46      | 8,941.00              | 3,004.78     | -28.20       | 3,004.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,800.00                                             | 90.00           | 359.46      | 8,941.00              | 3,104.78     | -29.14       | 3,104.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 11,900.00                                             | 90.00           | 359.46      | 8,941.00              | 3,204.77     | -30.08       | 3,204.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,000.00                                             | 90.00           | 359.46      | 8,941.00              | 3,304.77     | -31.02       | 3,304.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,100.00                                             | 90.00           | 359.46      | 8,941.00              | 3,404.77     | -31.96       | 3,404.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,200.00                                             | 90.00           | 359.46      | 8,941.00              | 3,504.76     | -32.90       | 3,504.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,300.00                                             | 90.00           | 359.46      | 8,941.00              | 3,604.76     | -33.83       | 3,604.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,400.00                                             | 90.00           | 359.46      | 8,941.00              | 3,704.75     | -34.77       | 3,704.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,500.00                                             | 90.00           | 359.46      | 8,941.00              | 3,804.75     | -35.71       | 3,804.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,600.00                                             | 90.00           | 359.46      | 8,941.00              | 3,904.74     | -36.65       | 3,904.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,700.00                                             | 90.00           | 359.46      | 8,941.00              | 4,004.74     | -37.59       | 4,004.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,800.00                                             | 90.00           | 359.46      | 8,941.00              | 4,104.73     | -38.53       | 4,104.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 12,900.00                                             | 90.00           | 359.46      | 8,941.00              | 4,204.73     | -39.46       | 4,204.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,000.00                                             | 90.00           | 359.46      | 8,941.00              | 4,304.73     | -40.40       | 4,304.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,100.00                                             | 90.00           | 359.46      | 8,941.00              | 4,404.72     | -41.34       | 4,404.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,200.00                                             | 90.00           | 359.46      | 8,941.00              | 4,504.72     | -42.28       | 4,504.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,300.00                                             | 90.00           | 359.46      | 8,941.00              | 4,604.71     | -43.22       | 4,604.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,400.00                                             | 90.00           | 359.46      | 8,941.00              | 4,704.71     | -44.16       | 4,704.92                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| 13,501.49                                             | 90.00           | 359.46      | 8,941.00              | 4,806.19     | -45.11       | 4,806.40                | 0.00                    | 0.00                   | 0.00                  | 0.00                 |
| <b>TD @ 13501.49' MD - Music Master 27 Fed 3H BHL</b> |                 |             |                       |              |              |                         |                         |                        |                       |                      |

**Plan Annotations**

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                   |
|-----------------------|-----------------------|-------------------|--------------|---------------------------|
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                           |
| 8,368.04              | 8,368.04              | 0.00              | 0.00         | Start Build @ 8368.04' MD |
| 8,368.04              | 8,368.04              | 0.00              | 0.00         | Dogleg = 10.00°/100'      |
| 9,268.04              | 8,941.00              | 572.93            | -5.38        | End Build @ 9268.04' MD   |
| 9,268.04              | 8,941.00              | 572.93            | -5.38        | Hold Angle = 90.00°       |
| 13,501.49             | 8,941.00              | 4,806.19          | -45.11       | TD @ 13501.49' MD         |

**HALLIBURTON****Plan Report for Music Master 27 Fed 3H - Plan #2****Vertical Section Information**

| Angle<br>Type | Target               | Azimuth<br>(°) | Origin<br>Type | Origin<br>+N/_S<br>(usft) | Origin<br>+E/-W<br>(usft) | Start<br>TVD<br>(usft) |
|---------------|----------------------|----------------|----------------|---------------------------|---------------------------|------------------------|
| TD            | No Target (Freehand) | 359.46         | Slot           | 0.00                      | 0.00                      | 0.00                   |

**Survey tool program**

| From<br>(usft) | To<br>(usft) | Survey/Plan | Survey Tool |
|----------------|--------------|-------------|-------------|
| 0.00           | 13,501.49    | Plan #2     | MWD+SC      |

**Formation Details**

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Name          | Lithology | Dip<br>(°) | Dip<br>Direction<br>(°) |
|-----------------------------|-----------------------------|---------------|-----------|------------|-------------------------|
| 882.00                      | 882.00                      | Rustler       |           | 0.00       | 359.46                  |
| 1,473.00                    | 1,473.00                    | Top of Salt   |           | 0.00       | 359.46                  |
| 5,186.00                    | 5,186.00                    | Lamar         |           | 0.00       | 359.46                  |
| 5,204.00                    | 5,204.00                    | Bell Canyon   |           | 0.00       | 359.46                  |
| 6,262.00                    | 6,262.00                    | Cherry Canyon |           | 0.00       | 359.46                  |
| 7,706.00                    | 7,706.00                    | Brushy Canyon |           | 0.00       | 359.46                  |

**Targets associated with this wellbore**

| Target Name                | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Shape |
|----------------------------|---------------|-----------------|-----------------|-------|
| Music Master 27 Fed 3H BHL | 8,941.00      | 4,806.19        | -45.11          | Point |



## HALLIBURTON

### North Reference Sheet for Music Master 27 Fed - Music Master 27 Fed 3H - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to GL 3181.4' + KB 29.0' @ 3210.40usft (Noram 23). Northing and Easting are relative to Music Master 27 Fed 3H Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 541,337.50usft, False Northing: 0.00usft, Scale Reduction: 1.00001460

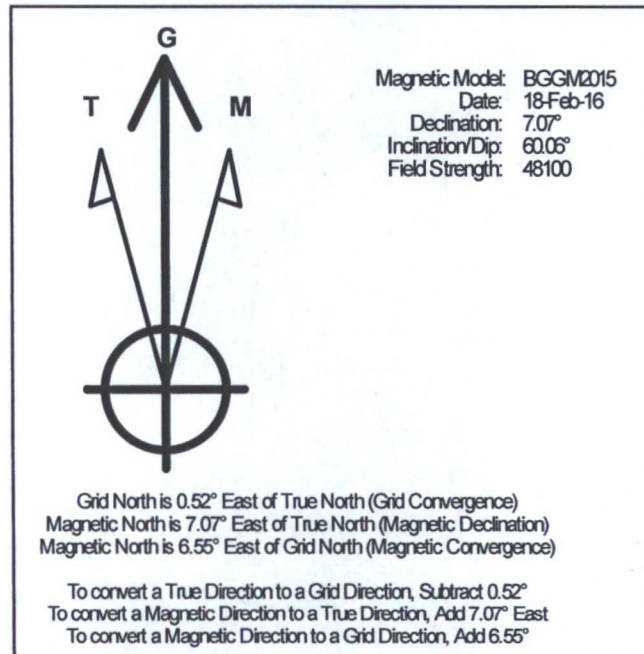
Grid Coordinates of Well: 399,491.78 usft N, 844,845.10 usft E

Geographical Coordinates of Well: 32° 05' 40.17" N, 103° 21' 11.71" W

Grid Convergence at Surface is: 0.52°

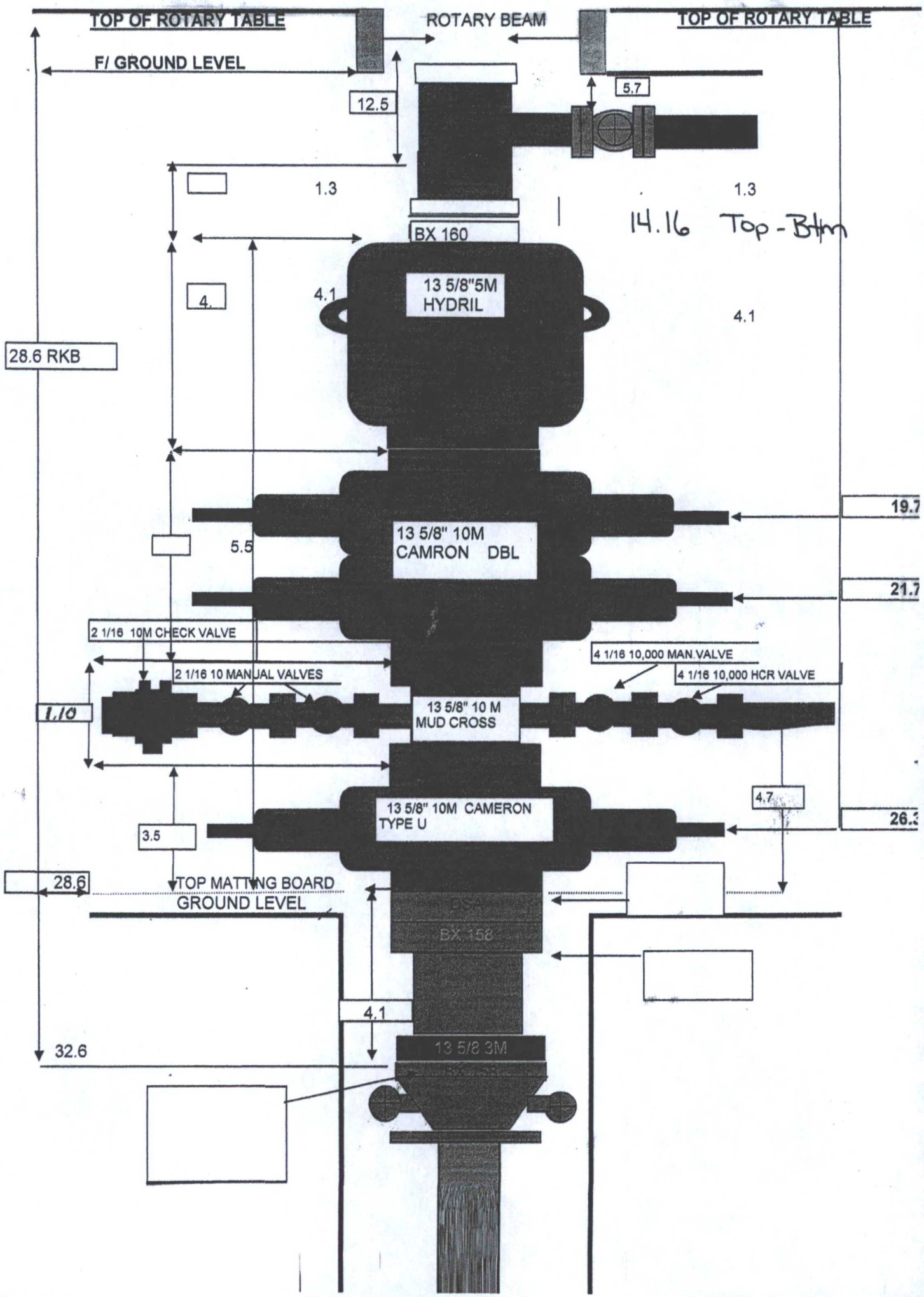
Based upon Minimum Curvature type calculations, at a Measured Depth of 13,501.49usft  
the Bottom Hole Displacement is 4,806.40usft in the Direction of 359.46° (Grid).

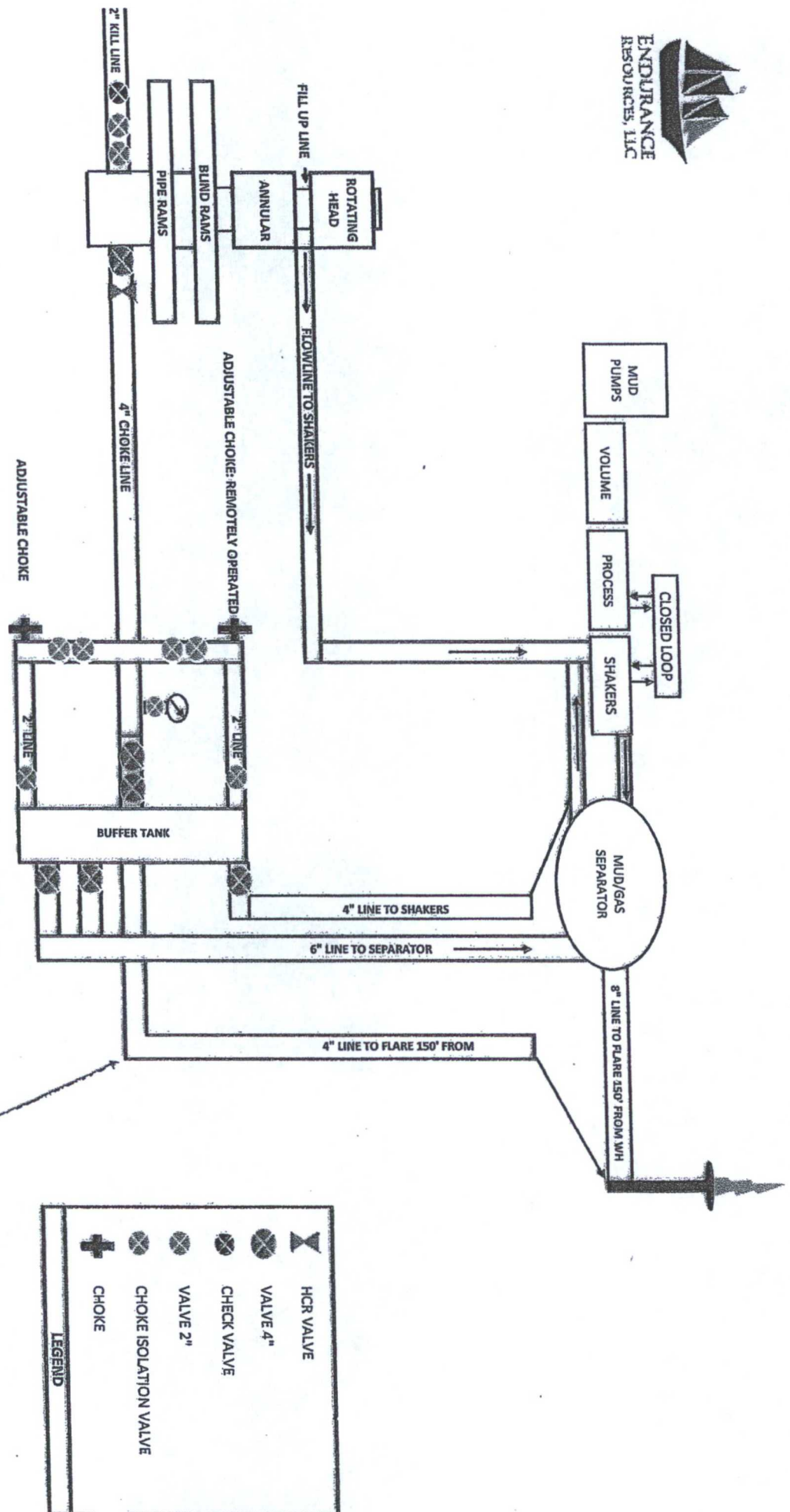
Magnetic Convergence at surface is: -6.55° (18 February 2016, , BGGM2015)





Music Master 27 Federal #3H BOP schematic





TARGETED T'S. ALL TURNS WILL BE TARGETED.  
OPTION TO USE FLEX HOUSE. TBD ONCE DRILLING RIG IS SECURED. WILL SUNDRY.  
ALL CHOKE LINES WILL BE STRAIGHT LINES UNLESS TURNS THAT USE TEE BLOCKS OR ARE  
TARGETED WITH RUNNING TEES, AND WILL BE ANCHORED TO PREVENT WHIP & REDUCE VIBRATION



**ENDURANCE RESOURCES LLC**  
**RIG LOCATION LAYOUT & H2S SAFETY EQUIPMENT LOCATION**  
**WELL PADS 420' X 350'**  
**NOTE: DRAWING NOT TO SCALE**

