

30-015-44629

| | MD (usft) | Inc (°) | Azi (°) | TVD (usft) | TVDSS (usft) | NS (usft) | EW (usft) | Northing (usft) | Easting (usft) | V.Sec (usft) | Dogleg (°/100usf) | T.Face (°) | Build (°/100usf) | Turn (°/100usf) | Section Type | Target |
|----|--------------|------------|------------|---------------|-----------------|--------------|--------------|--------------------|-------------------|-----------------|----------------------|---------------|---------------------|--------------------|--------------|--------|
| 1 | | 0.00 | | | | | | | | | | | | | | |
| 2 | 1000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 3 | 2000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 4 | 3000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 5 | 4000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 6 | 5000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 7 | 6000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 8 | 7000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 9 | 8000.0 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 10 | 9120.0 | 0.00 | 270.00 | | | | | | | | | | | | | |
| 11 | 9220.0 | 10.00 | 255.00 | | | | | | | | | | | | | |
| 12 | 9320.0 | 20.00 | 240.00 | | | | | | | | | | | | | |
| 13 | 9420.0 | 30.00 | 230.00 | | | | | | | | | | | | | |
| 14 | 9520.0 | 40.00 | 223.00 | | | | | | | | | | | | | |
| 15 | 9620.0 | 50.00 | 217.00 | | | | | | | | | | | | | |
| 16 | 9720.0 | 60.00 | 212.00 | | | | | | | | | | | | | |
| 17 | 9820.0 | 70.00 | 208.00 | | | | | | | | | | | | | |
| 18 | 9920.0 | 80.00 | 204.00 | | | | | | | | | | | | | |
| 19 | 10020.0 | 89.50 | 200.00 | | | | | | | | | | | | | |
| 20 | 10120.0 | 89.50 | 194.80 | | | | | | | | | | | | | |
| 21 | 10220.0 | 89.50 | 189.60 | | | | | | | | | | | | | |
| 22 | 10320.0 | 89.50 | 184.40 | | | | | | | | | | | | | |
| 23 | 10420.0 | 89.50 | 179.71 | | | | | | | | | | | | | |
| 24 | 17052.0 | 89.50 | 179.71 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | |

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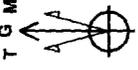
FEB 14 2018

RECEIVED

Project: Forehand Ranch 22-27 State Com 10H
 Site: Forehand Ranch 22-27 State Com 10H
 Well: Forehand Ranch 22-27 State Com 10H
 Wellbore: Forehand Ranch 22-27 State Com 10H
 Design: Forehand Ranch 22-27 State Com 10H

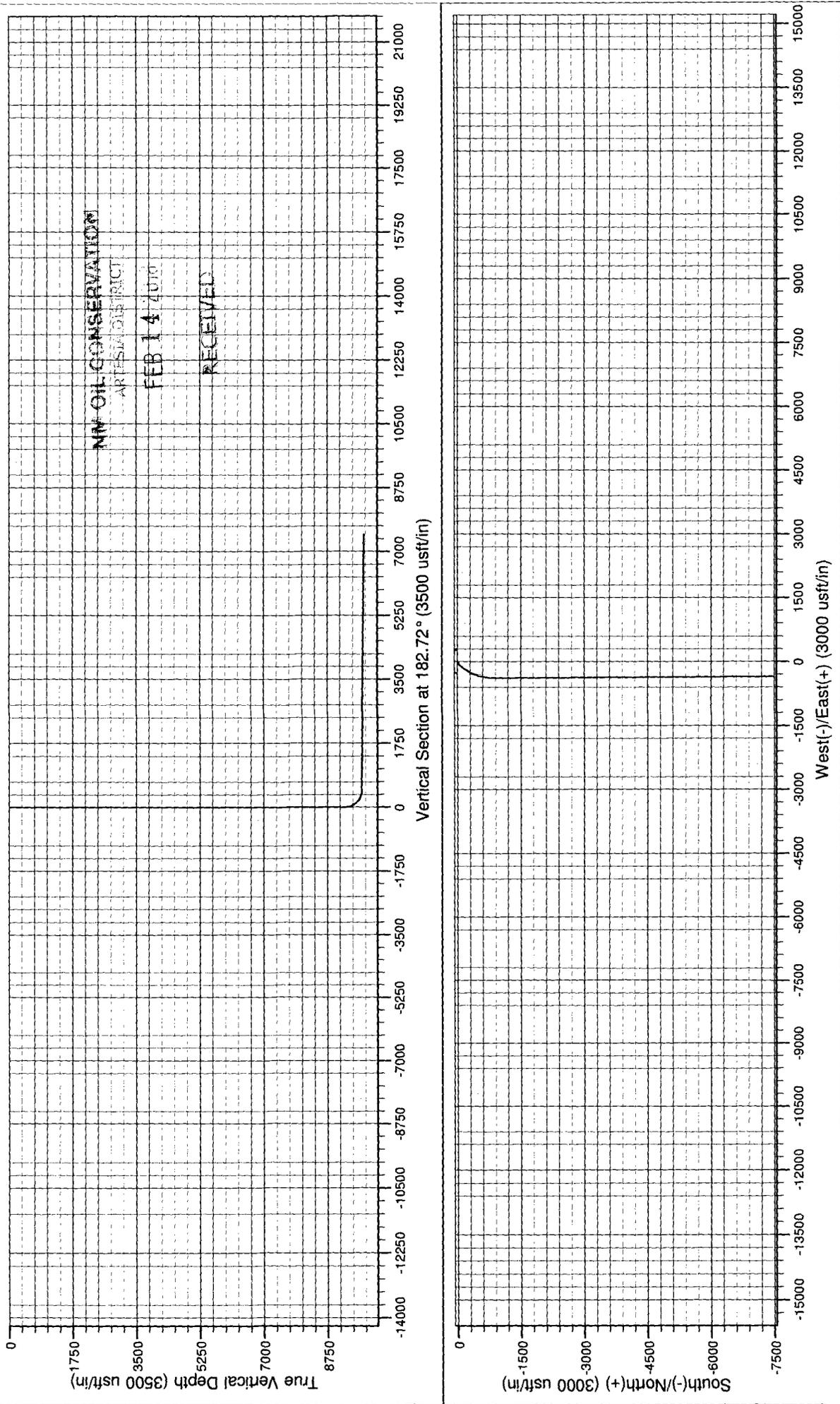


True North: 0.08°
 Magnetic North: 6.97°
 Magnetic Field
 Strength: 47927.95nT
 Dip Angle: 59.98°
 Date: 02/14/2018
 Model: JCS2000



REFERENCE INFORMATION

Co-ordinate (NE) Reference: Well Forehand Ranch 22-27 State Com 10H, Grid North
 Vertical (TVD) Reference: WELL @ 3171.0usft (Original Well Elev)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: WELL @ 3171.0usft (Original Well Elev)
 Calculation Method: Minimum Curvature



Design Plan, Operating Plan and Maintenance Plan, and Closure Plan for the OCD form C-144

Design Plan:

Fluid and cuttings coming from drilling operations will pass over the shale shaker with the cuttings going to the haul off bin and the cleaned fluid returning to the working steel pits.

Equipment Includes:

- 1-670bbl steel working pit
- 2-100bbl steel working suction pits
- 2-500bbl steel tanks
- 2-20yd³ steel haul off bins
- 2-pumps (HHF-1600)
- 2-Shale shakers
- 1-Centrifuge
- 1-Desilter/Desander

Operating and Maintenance Plan:

Inspection to occur every tour for proper operation of system and individual components. If any problems are found they will be repaired and/or corrected immediately.

Closure Plan:

All haul off bins containing cuttings will be removed from location and hauled to R-360 (NM-01-0006) disposal site located 30 miles east of Carlsbad.

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