

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																

NM OIL CONSERVATION  
APR 15 2018

FEB 14 2018

RECEIVED

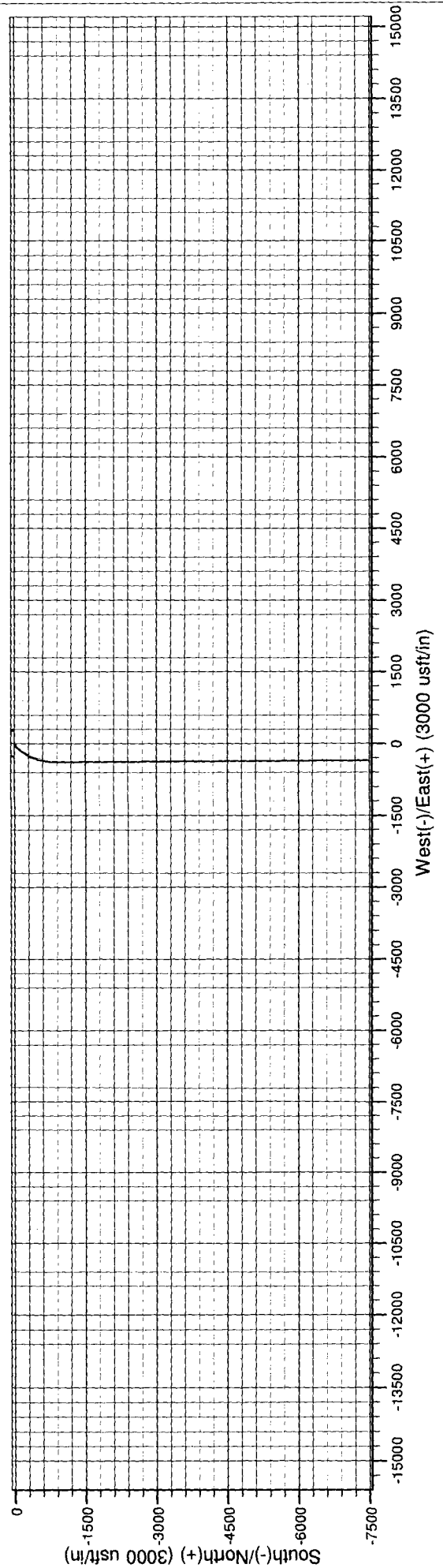
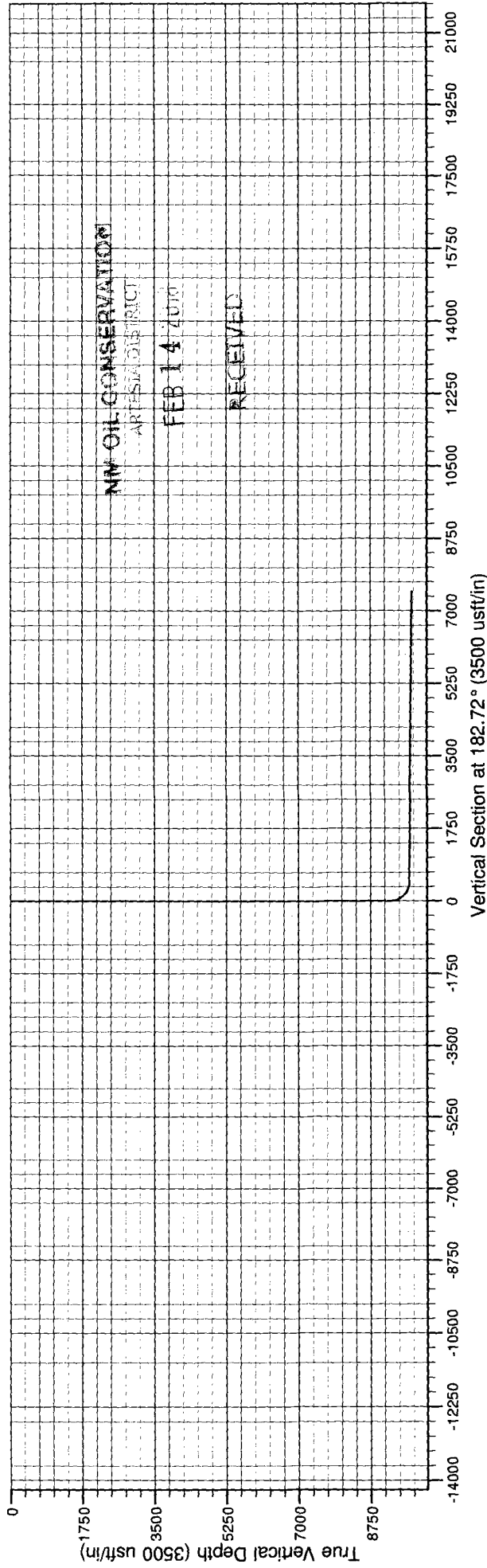
Project: Forehand Ranch 22-27 State Com 10H  
Site: Forehand Ranch 22-27 State Com 10H  
Well: Forehand Ranch 22-27 State Com 10H  
Wellbore: Forehand Ranch 22-27 State Com 10H  
Design: Forehand Ranch 22-27 State Com 10H



True North:  $-0.08^\circ$   
Magnetic North:  $6.97^\circ$   
Magnetic Field  
Strength: 47927.98T  
Dip Angle:  $59.98^\circ$   
Date: 02/14/2018  
Model: JCB00000

### 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
- 2-20yd<sup>3</sup> 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.

NM OIL CONSERVATION  
ARTESIA DISTRICT

FEB 14 2010

RECEIVED