

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS  
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Inc. Location: Unit I Sec. 09 Twp 27 Rng 04

Name of Well/Wells or Pipeline Serviced \_\_\_\_\_

S. J. 27-4 #139

Elevation 6744' Completion Date 4/4/96 Total Depth 433' Land Type F

Casing Strings, Sizes, Types & Depths 4 1/2" SET 59' OF 8" PVC CASING.

NO GAS, WATER, or Boulders Were Encountered During CASING.

If Casing Strings are cemented, show amounts & types used Cemented

WITH 14 SACKS.

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NONE

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. HIT FRESH WATER AT 70'.

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 433' DEPTH.

Used 110 SACKS OF Asbury 218R (5500#)

Depths anodes placed: 370', 345', 335', 325', 290', 270', 235', 225', 215', 205', 195', 185', 175', 165', + 145'.

Depths vent pipes placed: SURFACE TO 433'.

Vent pipe perforations: BOTTOM 310'.

Remarks: \_\_\_\_\_

RECEIVED  
FEB 19 1997

OIL CON. DIV.  
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.  
If Federal or Indian, add Lease Number.

## CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 2901-W P/L NAME(S), NUMBER(S) S.J. 27-H #139  
 NO. TOTAL VOLTS 11.85 AMPS 23.6 CHMS .502 DATE 4/4/96 NAME JOHN L. MOSS

REMARKS (NOTES FOR CONSTRUCTION LOG) Driller Reported Water AT 70'.  
 Lost Circulation AT 70'. Installed 433' of 1" PE Vent Pipe,  
 WITH THE BOTTOM 310' Perforated. Core Breeze TO 115'.

| DEPTH | LOG   | ANODE | DEPTH | LOG   | ANODE | DEPTH | LOG   | ANODE | DEPTH | LOG   | ANODE | DEPTH | LOG   | ANODE |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | ANODE | "     |       | ANODE | "     |       | ANODE | "     |       | ANODE | "     |       | ANODE | "     |
| 100   | 2.5   |       | 295   | 1.7   |       | 490   |       |       | 685   |       |       |       |       |       |
| 105   | 1.5   |       | 300   | .6    |       | 495   |       |       | 690   |       |       |       |       |       |
| 110   | .4    |       | 305   | .6    |       | 500   |       |       | 695   |       |       |       |       |       |
| 115   | .4    |       | 310   | .5    |       | 505   |       |       | 700   |       |       |       |       |       |
| 120   | .4    |       | 315   | 1.0   |       | 510   |       |       |       |       |       |       |       |       |
| 125   | .5    |       | 320   | 1.9   |       | 515   |       |       |       |       |       |       |       |       |
| 130   | .6    |       | 325   | 1.9   | 4     | 520   |       |       |       |       |       |       |       |       |
| 135   | .5    |       | 330   | 1.8   |       | 525   |       |       | 1     | 370'  | 2.0   | 4.0   |       |       |
| 140   | .8    |       | 335   | 1.9   | 3     | 530   |       |       | 2     | 345'  | 1.9   | 4.3   |       |       |
| 145   | 1.9   | 15    | 340   | 2.0   |       | 535   |       |       | 3     | 335'  | 1.9   | 4.6   |       |       |
| 150   | 1.3   |       | 345   | 1.9   | 2     | 540   |       |       | 4     | 325'  | 2.0   | 4.6   |       |       |
| 155   | 1.0   |       | 350   | 1.0   |       | 545   |       |       | 5     | 290'  | 2.5   | 5.4   |       |       |
| 160   | 1.0   |       | 355   | .2    |       | 550   |       |       | 6     | 270'  | 2.0   | 4.8   |       |       |
| 165   | 1.9   | -14   | 360   | .2    |       | 555   |       |       | 7     | 225'  | 2.6   | 5.8   |       |       |
| 170   | 1.8   |       | 365   | 1.5   |       | 560   |       |       | 8     | 225'  | 2.0   | 5.4   |       |       |
| 175   | 2.0   | -13   | 370   | 2.0   | 1     | 565   |       |       | 9     | 215'  | 1.9   | 6.1   |       |       |
| 180   | 2.2   |       | 375   | 1.5   |       | 570   |       |       | 10    | 205'  | 2.6   | 6.2   |       |       |
| 185   | 2.3   | -12   | 380   | .8    |       | 575   |       |       | 11    | 125'  | 2.9   | 7.1   |       |       |
| 190   | 8.6   |       | 385   | .5    |       | 580   |       |       | 12    | 185'  | 2.4   | 6.1   |       |       |
| 195   | 8.3   | -11   | 390   | .2    |       | 585   |       |       | 13    | 175'  | 2.0   | 6.4   |       |       |
| 200   | 2.7   |       | 395   | .5    |       | 590   |       |       | 14    | 165'  | 1.9   | 11.0  |       |       |
| 205   | 2.4   | -10   | 400   | .6    |       | 595   |       |       | 15    | 145'  | 1.9   | 3.8   |       |       |
| 210   | 1.9   |       | 405   | .5    |       | 600   |       |       | 16    |       |       |       |       |       |
| 215   | 1.7   | -9    | 410   | .6    |       | 605   |       |       | 17    |       |       |       |       |       |
| 220   | 1.4   |       | 415   | 1.1   |       | 610   |       |       | 18    |       |       |       |       |       |
| 225   | 1.8   | -8    | 420   | .7    |       | 615   |       |       | 19    |       |       |       |       |       |
| 230   | 2.5   |       | 425   | .5    |       | 620   |       |       | 20    |       |       |       |       |       |
| 235   | 2.5   | -7    | 430   | T.O   | 433'  | 625   |       |       | 21    |       |       |       |       |       |
| 240   | 1.0   |       | 435   |       |       | 630   |       |       | 22    |       |       |       |       |       |
| 245   | .3    |       | 440   |       |       | 635   |       |       | 23    |       |       |       |       |       |
| 250   | .4    |       | 445   |       |       | 640   |       |       | 24    |       |       |       |       |       |
| 255   | .4    |       | 450   |       |       | 645   |       |       | 25    |       |       |       |       |       |
| 260   | .4    |       | 455   |       |       | 650   |       |       | 26    |       |       |       |       |       |
| 265   | 1.8   |       | 460   |       |       | 655   |       |       | 27    |       |       |       |       |       |
| 270   | 2.0   | -6    | 465   |       |       | 660   |       |       | 28    |       |       |       |       |       |
| 275   | 2.0   |       | 470   |       |       | 665   |       |       | 29    |       |       |       |       |       |
| 280   | 1.5   |       | 475   |       |       | 670   |       |       | 30    |       |       |       |       |       |
| 285   | 2.2   |       | 480   |       |       | 675   |       |       |       |       |       |       |       |       |
| 290   | 2.2   | -5    | 485   |       |       | 680   |       |       |       |       |       |       |       |       |