

946 72-30-039-07387 148-30-039-20154 E  
456-30-039-24912 DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS  
NORTHWESTERN NEW MEXICO

Operator MERIDIAN OIL CO. Location: Unit H Sec. 19 Twp. 28 Rng. 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 # 72 & 145, #456

cps 1159w

Elevation 6618' Completion Date 9/4/90 Total Depth 500 Land Type N/A

Casing Strings, Sizes, Types & Depths 8" PVC CASING 20 ft.

If Casing Strings are cemented, show amounts & types used N/A

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

N/A

Depths & thickness of water zones with description of water: Fresh, Cle  
Salty, Sulphur, Etc. wet at 180 to 220 ft.

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used:

800 lbs of Ashbury petroleum coke

Depths anodes placed: 435, 425, 416, 407, 400, 391, 382, 373, 364, 355

Depths vent pipes placed: 500 ft. 1" PVC Vent Pipe

Vent pipe perforations: 320'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON. DIV.  
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of 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-Private.  
If Federal or Indian, add Lease Number.

# WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9-4-90

|                          |                               |                   |                       |                                                                       |
|--------------------------|-------------------------------|-------------------|-----------------------|-----------------------------------------------------------------------|
| CPS #                    | Well Name, Line or Plant:     | Work Order #      | Static:               | Ins. Union Check                                                      |
| 1159-W                   | SS 28-6 # 72<br>ST 28-6 # 145 |                   |                       | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad |
| Location:                | Anode Size:                   | Anode Type:       | Size Bit:             |                                                                       |
| H19-28-6                 | 2" x 60"                      | ANOTec            | 6 3/4                 |                                                                       |
| Depth Drilled            | Depth Logged                  | Drilling Rig Time | Total Lbs. Coke Used  | Lost Circulation Mat'l Used                                           |
| 500'                     | 485'                          |                   | 3800#                 |                                                                       |
| Anode Depth              |                               |                   |                       |                                                                       |
| # 1 435                  | # 2 425                       | # 3 416           | # 4 407               | # 5 400                                                               |
| # 6 391                  | # 7 382                       | # 8 373           | # 9 364               | # 10 355                                                              |
| Anode Output (Amps)      |                               |                   |                       |                                                                       |
| # 1 3.6                  | # 2 4.1                       | # 3 3.6           | # 4 3.4               | # 5 3.1                                                               |
| # 6 3.9                  | # 7 3.7                       | # 8 3.6           | # 9 3.8               | # 10 3.2                                                              |
| Anode Depth              |                               |                   |                       |                                                                       |
| # 11                     | # 12                          | # 13              | # 14                  | # 15                                                                  |
| # 16                     | # 17                          | # 18              | # 19                  | # 20                                                                  |
| Anode Output (Amps)      |                               |                   |                       |                                                                       |
| # 11                     | # 12                          | # 13              | # 14                  | # 15                                                                  |
| # 16                     | # 17                          | # 18              | # 19                  | # 20                                                                  |
| Total Circuit Resistance |                               |                   |                       |                                                                       |
| Volts 12.3               | Amps 11.7                     | Ohms 1.05         | No. 8 C.P. Cable Used | No. 2 C.P. Cable Used                                                 |

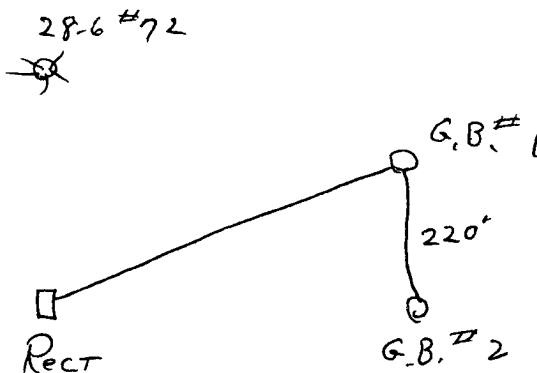
Remarks: Driller said wet at 180', Drilled to 210' left over week-end, Did not blow water. Drilled to 220' wet, waited 20 minutes, no water. Did not get water sample. Ran 500' of 1" Pvc VENT Pipe. Left coke Breez<sup>2</sup> approximately 325'. Perforated 320' of vent pipe

Rectifier Size: \_\_\_\_\_ V \_\_\_\_\_ A  
 Addn'l Depth \_\_\_\_\_  
 Depth Credit: \_\_\_\_\_  
 Extra Cable: \_\_\_\_\_ 10'  
 Ditch & 1 Cable: \_\_\_\_\_ 220'  
 25' Meter Pole: \_\_\_\_\_  
 20' Meter Pole: \_\_\_\_\_  
 10' Stub Pole: \_\_\_\_\_  
 Junction Box: \_\_\_\_\_

All Construction Completed

*Willis L. Wright Jr.*  
 (Signature)

## GROUND BED LAYOUT SKETCH



*28-6 # 145*

STAKED  
 TO BE DRILLED

## CONSTRUCTION LOGGING READINGS

Meriden 011

CPS #: 1159-W WELL NAME: SJ28-6 #72445 LOCATION: 419-28-6 DATE: 9-4-90

TOTAL VOLTS: 12.3 TOTAL AMPS: 11.7 OHMS RESISTANCE: 1.05

|      |       |       |      |       |       |      |       |       |      |       |       | ANODE READINGS |       |      |      |
|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|----------------|-------|------|------|
| DEEP | LOG   | ANODE | DEEP | LOG   | ANODE | DEEP | LOG   | ANODE | DEEP | LOG   | ANODE | NO.            | DEPTH | NO   | WITH |
|      | ANODE | NO.   |      | ANODE | NO.   |      | ANODE | NO.   |      | ANODE | NO.   |                |       | COKE | COKE |
| 5    |       |       | 185  | 1.2   |       | 365  | 1.3   | 9     | 545  |       |       | 1              | 435   | 1.3  | 3.6  |
| 10   |       |       | 190  | 1.2   |       | 370  | 1.2   |       | 550  |       |       | 2              | 425   | 1.5  | 4.1  |
| 15   |       |       | 195  | 1.3   |       | 375  | 1.2   | 8     | 555  |       |       | 3              | 416   | 1.9  | 3.6  |
| 20   |       |       | 200  | 1.0   |       | 380  | 1.3   |       | 560  |       |       | 4              | 407   | 1.4  | 3.4  |
| 25   |       |       | 205  | 1.2   |       | 385  | 1.5   | 7     | 565  |       |       | 5              | 400   | 1.3  | 3.1  |
| 30   |       |       | 210  | 2.0   |       | 390  | 1.6   |       | 570  |       |       | 6              | 391   | 1.8  | 3.9  |
| 35   |       |       | 215  | 2.0   |       | 395  | 1.3   | 6     | 575  |       |       | 7              | 382   | 1.6  | 3.7  |
| 40   |       |       | 220  | 1.4   |       | 400  | 1.1   | 5     | 580  |       |       | 8              | 373   | 1.4  | 3.6  |
| 45   |       |       | 225  | 1.3   |       | 405  | 1.2   | 1     | 585  |       |       | 9              | 364   | 1.7  | 3.8  |
| 50   |       |       | 230  | 1.0   |       | 410  | 1.3   | 4     | 590  |       |       | 10             | 355   | 1.1  | 3.2  |
| 55   |       |       | 235  | 1.50  |       | 415  | 1.5   | 3     | 595  |       |       |                |       |      |      |
| 60   |       |       | 240  | 1.40  |       | 420  | 1.7   |       | 600  |       |       |                |       |      |      |
| 65   |       |       | 245  | 1.30  |       | 425  | 1.2   | 2     | 605  |       |       |                |       |      |      |
| 70   |       |       | 250  | 1.3   |       | 430  | 1.4   |       | 610  |       |       |                |       |      |      |
| 75   |       |       | 255  | 1.5   |       | 435  | 1.2   | 1     | 615  |       |       |                |       |      |      |
| 80   |       |       | 260  | 1.90  |       | 440  | 1.90  |       | 620  |       |       |                |       |      |      |
| 85   |       |       | 265  | 1.40  |       | 445  | 1.90  |       | 625  |       |       |                |       |      |      |
| 90   |       |       | 270  | 1.30  |       | 450  | 1.90  |       | 630  |       |       |                |       |      |      |
| 95   |       |       | 275  | 1.20  |       | 455  | 1.80  |       | 635  |       |       |                |       |      |      |
| 100  |       |       | 280  | 1.30  |       | 460  | 1.70  |       | 640  |       |       |                |       |      |      |
| 105  |       |       | 285  | 1.30  |       | 465  | 1.70  |       | 645  |       |       |                |       |      |      |
| 110  |       |       | 290  | 1.30  |       | 470  | 1.80  |       | 650  |       |       |                |       |      |      |
| 115  |       |       | 295  | 1.20  |       | 475  | 1.90  |       | 655  |       |       |                |       |      |      |
| 120  |       |       | 300  | 1.30  |       | 480  | 1.90  |       | 660  |       |       |                |       |      |      |
| 125  |       |       | 305  | 1.30  |       | 485  |       | TD    | 665  |       |       |                |       |      |      |
| 130  |       |       | 310  | 1.20  |       | 490  |       |       | 670  |       |       |                |       |      |      |
| 135  |       |       | 315  | 1.20  |       | 495  |       |       | 675  |       |       |                |       |      |      |
| 140  |       |       | 320  | 1.20  |       | 500  |       |       | 680  |       |       |                |       |      |      |
| 145  |       |       | 325  | 1.20  |       | 505  |       |       | 685  |       |       |                |       |      |      |
| 150  |       |       | 330  | 1.40  |       | 510  |       |       | 690  |       |       |                |       |      |      |
| 155  |       |       | 335  | 1.40  |       | 515  |       |       | 695  |       |       |                |       |      |      |
| 160  |       |       | 340  | 1.50  |       | 520  |       |       | 700  |       |       |                |       |      |      |
| 165  |       |       | 345  | 1.70  |       | 525  |       |       | 705  |       |       |                |       |      |      |
| 170  |       |       | 350  | 1.80  |       | 530  |       |       | 710  |       |       |                |       |      |      |
| 175  |       |       | 355  | 1.1   | 10    | 535  |       |       | 715  |       |       |                |       |      |      |
| 180  | 1.60  |       | 360  | 1.3   |       | 540  |       |       | 720  |       |       |                |       |      |      |

REMARKS: DRILLER SAID WET AT 180', DRILLED 210' LEFT OVER WEEKEND, COULD NOT BLOW WATER, SAID WET AT 220' WAITED 20 MINUTES, NO WATER. DID NOT GET WATER SAMPLE

**P.O. BOX 1359 - PHONE 334-6141  
AZTEC, NEW MEXICO 87410**

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## DAILY DRILLING REPORT

9-24

1990

**WELL NUMBER:**

**SECTION:**

**TOWNSHIP:**

## RANGE

SAN JUAN 28-6

145

H-19

28

4

**WATER AT:**

**FEET:**

**HOLE MADE:**

180'

500'

[illegible]

REMARKS:

REMARKS: NOT ENOUGH water to blow out of hole. Set 20' 8" PVC casing. Went to injection at 240' due to no returns. Drilled 500'

**Driller**

Driller Brian L. Burge

## Tool Dresser