

1361 #31 30-045-23096  
#28 30-045-20153  
#127 30-045-27139

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS  
NORTHWESTERN NEW MEXICO  
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 14 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #31, #28, #127

cps 1671w

Elevation 6829' Completion Date 9/6/83 Total Depth 640' Land Type\* N/A

Casing, Sizes, Types & Depths N/A

If Casing is 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 when possible:  
Fresh, Clear, Salty, Sulphur, Etc. N/A

Depths gas encountered: N/A

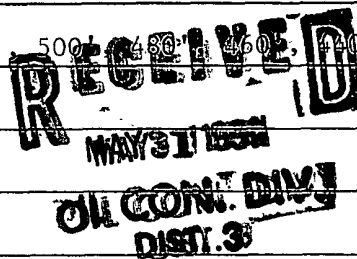
Type & amount of coke breeze used: 6150 lbs.

Depths anodes placed: 595', 575', 555', 525', 500', 480', 460', 440', 420', 400'

Depths vent pipes placed: 600'

Vent pipe perforations: 400'

Remarks: gb #1



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.

WELL CASING  
CATHODIC PROTECTION CONSTRUCTION REPORT  
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9/6/83

|                            |                 |                                             |                 |                            |                 |                                  |                 |                                                                       |                  |
|----------------------------|-----------------|---------------------------------------------|-----------------|----------------------------|-----------------|----------------------------------|-----------------|-----------------------------------------------------------------------|------------------|
| CPS # <u>11671W</u>        |                 | Well Name, Line or Plant: <u>ALLISON 31</u> |                 | Work Order # <u>57603</u>  |                 | Static: <u>.93</u>               |                 | Ins. Union Check                                                      |                  |
|                            |                 | ✓ # 28<br># 127                             |                 | <u>54543</u>               |                 | <u>.75</u>                       |                 | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad |                  |
| Location: <u>SW14-32-7</u> |                 | Anode Size: <u>2" x 60"</u>                 |                 | Anode Type: <u>DURIRON</u> |                 | Size Bit: <u>6 3/4"</u>          |                 |                                                                       |                  |
| Depth Drilled <u>640</u>   |                 | Depth Logged <u>615</u>                     |                 | Drilling Rig Time          |                 | Total Lbs. Coke Used <u>6150</u> |                 | Lost Circulation Mat'l Used                                           |                  |
| Anode Depth                |                 |                                             |                 |                            |                 |                                  |                 |                                                                       |                  |
| # 1 <u>595</u>             | # 2 <u>575</u>  | # 3 <u>555</u>                              | # 4 <u>525</u>  | # 5 <u>500</u>             | # 6 <u>480</u>  | # 7 <u>460</u>                   | # 8 <u>440</u>  | # 9 <u>420</u>                                                        | # 10 <u>400</u>  |
| Anode Output (Amps)        |                 |                                             |                 |                            |                 |                                  |                 |                                                                       |                  |
| # 1 <u>2.47</u>            | # 2 <u>2.96</u> | # 3 <u>3.10</u>                             | # 4 <u>3.12</u> | # 5 <u>3.25</u>            | # 6 <u>3.09</u> | # 7 <u>2.76</u>                  | # 8 <u>2.48</u> | # 9 <u>2.66</u>                                                       | # 10 <u>3.04</u> |
| 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   |                 |                                             |                 |                            |                 | No. 8 C.P. Cable Used            |                 | No. 2 C.P. Cable Used                                                 |                  |
| Volts <u>12.10</u>         |                 | Amps <u>14.60</u>                           |                 | Ohms <u>.82</u>            |                 |                                  |                 |                                                                       |                  |

Remarks: Negative to well #28 was played by dozier.  
Spilled to 560' on Labor day. Sand strings from  
380 down. Set over night would not blow water  
only mud balls. Spilled to 640'. 460' perforated  
vent 200' plain.

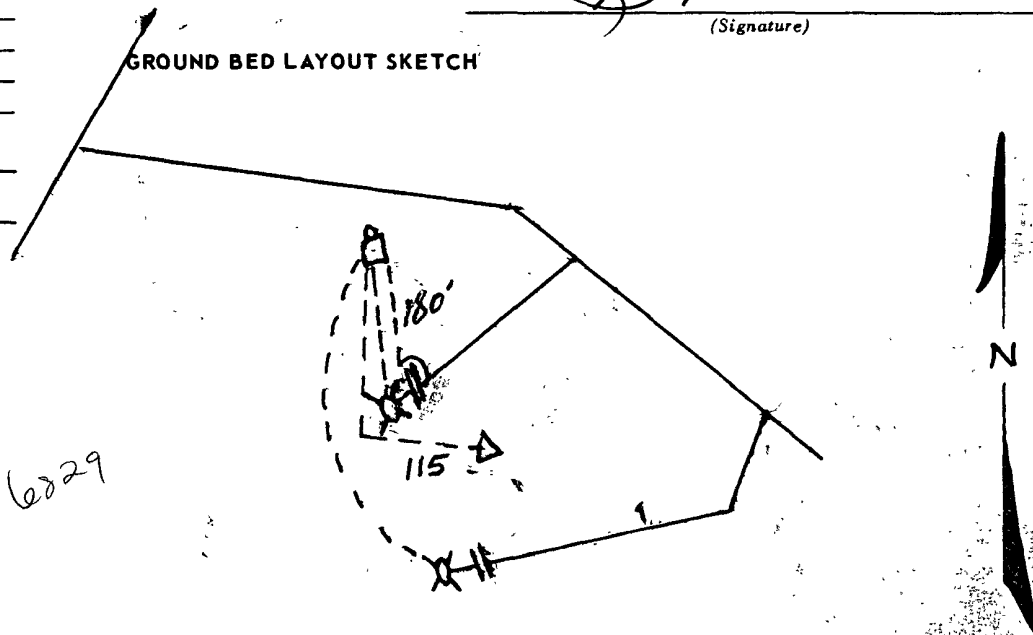
Rectifier Size: 60 V 30 A  
 Addn'l Depth: + 115' ✓  
 Depth Credit: \_\_\_\_\_  
 Extra Cable: 375'  
 Ditch & 1 Cable: 295'  
 25' Meter Pole: \_\_\_\_\_  
 20' Meter Pole: X  
 10' Stub Pole: \_\_\_\_\_

All Construction Completed

ST  
(Signature)

GROUND BED LAYOUT SKETCH

| TIME |     |    |
|------|-----|----|
| DATE | REG | OT |
| 9-6  | 8   | 5  |



# DAILY DRILLING REPORT

|                  |          |      |
|------------------|----------|------|
| REPORT NO. #/671 | DATE 9-5 | 1983 |
|------------------|----------|------|

EVENING

[illegible]

**SIGNED: Toolpusher**

Company Supervisor

David Ashworth

1671W  
SW14327

ALLISON #31

184-57603-19-5

#28  
drilled to 560 on labor day and stringer from 400  
set over night w/air not blow water. Drilled to  
460 perforated vent 200' plain.

|     |          |     |          |     |         |     |
|-----|----------|-----|----------|-----|---------|-----|
| 400 | 125      | 80  | 106      | 55  | 97      | 30  |
| 5   | 118 (10) | 85  | 107 (16) | 60  | 98 (3)  | 35  |
| 10  | 106      | 90  | 113      | 65  | 102     | 40  |
| 15  | 75       | 95  | 109      | 70  | 99      | 45  |
| 20  | 106      | 100 | 100      | 75  | 93      | 50  |
| 25  | 102 (9)  | 5   | 95 (5)   | 80  | 97 (2)  | 55  |
| 30  | 31       | 10  | 87       | 85  | 91      | 60  |
| 35  | 28       | 15  | 104      | 90  | 89      | 65  |
| 40  | 94       | 20  | 102      | 95  | 93      | 70  |
| 45  | 110 (8)  | 25  | 100      | 100 | 100 (1) | 75  |
| 50  | 102      | 30  | 98 (4)   | 5   | 101     | 80  |
| 55  | 93       | 35  | 78       | 10  | 95      | 85  |
| 60  | 102      | 40  | 74       | 15  | Bottom  | 90  |
| 65  | 113 (7)  | 45  | 84       | 20  |         | 95  |
| 70  | 103      | 50  | 94       | 25  |         | 100 |
| 75  | 107      |     |          |     |         |     |

595 1 = 93 2.41  
575 2 = 1.04 2.96  
555 3 = .88 3.10  
525 4 = .99 3.12  
500 5 = 1.15 3.15

480 6 = .92 3.09  
460 7 = 1.16 2.76  
440 8 = .98 2.48  
420 9 = 1.05 2.66  
400 10 = 1.33 3.04

Valve 12.1  
Casing 14.6  
Blow 8.2