

52-30-039-06986  
175-30-039-06983

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

Operator Union Oil Company of California Location: Unit Sec. 20 Twp 27N Rng 16W

Name of Well/Wells or Pipeline Serviced Rincon Unit 52 PC, Rincon 175 DK

Elevation 6589' Completion Date 5/15/1968 Total Depth 600' Land Type\* F

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

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

None

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 340' deep thickness?

Depths gas encountered: NA

Type & amount of coke breeze used: 11,800 lbs

Depths anodes placed: 554' - 584'

Depths vent pipes placed: 578'

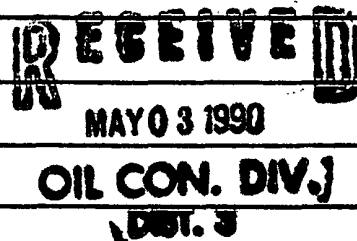
Vent pipe perforations: 480'

Remarks: El Paso Natural Gas was operator at time this ground bed was installed

This was the second ground bed

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

No 2 Ground Bed

Date 5-15-68

|                                                   |                                      |                                                |                                                    |                                |                             |
|---------------------------------------------------|--------------------------------------|------------------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------|
| Well Name<br><u>Rincon #52, #113 &amp; 175</u>    |                                      |                                                | CPS No.<br><u>690W</u>                             |                                |                             |
| Location<br><u>NE 20-27-6</u>                     |                                      |                                                | Work Order No.<br><u>52702, 53421, &amp; 54266</u> |                                |                             |
| Anode Hole Depth<br><u>600</u>                    | Total Drilling Rig Time<br><u>45</u> | Type & Size Bit Used<br><u>7 7/8 See Below</u> |                                                    | No. Sacks Mud Used<br><u>1</u> |                             |
| No. Sacks Lost Circulation Mat'l Used<br><u>0</u> | Anode Depth                          |                                                |                                                    |                                |                             |
|                                                   | #1 <u>584</u>                        | #2 <u>578</u>                                  | #3 <u>572</u>                                      | #4 <u>566</u>                  | #5 <u>560</u> #6 <u>554</u> |
| Total Lbs. Coke Used<br><u>11880</u>              | Anode Output (Volts)                 |                                                |                                                    |                                |                             |
|                                                   | #1 <u>3.1</u>                        | #2 <u>3.4</u>                                  | #3 <u>4.1</u>                                      | #4 <u>3.8</u>                  | #5 <u>4.0</u> #6 <u>3.5</u> |
| Total Circuit Resistance                          |                                      |                                                | No. Ft. Surface Cable Conduit                      |                                |                             |
| Volts <u>12.0</u>                                 | Amps <u>13.0</u>                     | Ohms <u>0.92</u>                               | <u>245 surface 7286 Anodes = 7531</u>              |                                |                             |

|                               |                          |              |              |              |               |               |               |
|-------------------------------|--------------------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Drilling Log (Attach Hereto). | <input type="checkbox"/> | 7 <u>534</u> | 8 <u>528</u> | 9 <u>522</u> | 10 <u>516</u> | 11 <u>510</u> | 12 <u>504</u> |
| Remarks:                      |                          | 7 <u>3.4</u> | 8 <u>3.7</u> | 9 <u>4.1</u> | 10 <u>4.1</u> | 11 <u>4.0</u> | 12 <u>4.0</u> |

3/4" Hose to No 2 Anode Perforated 480' 13 498'

used 350 lbs calcium chloride 13 3.0

Note - Drilled 2 (Two) Holes on this loc. See Driller's Log For Details

All Construction Completed

Barrels  
(Signature)

No 1 GB

GROUND BED LAYOUT SKETCH

No 2 G.B.

215

Bits Used

4 3/4 # 64 = 70'  
4 3/8 # 65 = 110'  
4 1/2 # 6113 = 180'  
7 7/8 # 36175 = 410'  
7 7/8 # 269575 = 93'  
6 1/2 # 6118 = 90'  
7 7/8 # 19444 = 190'  
7 7/8 # 56782 = 130'  
7 7/8 # 36695 = 100'  
7 7/8 # 91061 = 100'  
7 7/8 # 158071 = 80'



## New Construction Material List..

DATE 5-15-68

52702

53421

CPS

# 690 W1

Work Order

184-54266-50-20

Location

Rincon #52, 113 & 175  
NE 20-27-6

| ITEM           | DESCRIPTION                       | QUANTITY   |
|----------------|-----------------------------------|------------|
| (059-0450-100) | 20' Pole, With Meter Loop         | 0          |
| ( )            | Rectifier                         | 0          |
| ( )            | Galvanized Staples                | 0          |
|                |                                   |            |
|                |                                   |            |
|                |                                   |            |
|                |                                   |            |
|                |                                   |            |
| (700-4902-410) | Zeo Gel Drilling MUD 100# Bag     | 1          |
| (700-4000-400) | Cotton Seed Hulls , Sack          | 0          |
| (057-7025-100) | Coke Breeze Lbs.                  | 11,880     |
| (053-1015-100) | Barophos, Poly-phosphate Lbs.     | 50         |
| (057-0400-210) | Duriron Anodes Type CD, 1-1/2"    | 13         |
| (059-7560-100) | Plastic Pipe Vent Assy.           | 2          |
| (051-0398-990) | Worm Drive Hose Clamps M32S       | 16         |
| (059-2301-100) | Scotchcast Resin Packs , Size 3   | 2          |
| (058-5581-300) | Kits , Scotchcast # 82-A          | 0          |
| (059-7695-500) | Cathodic Protection Cable # 8 St. | 7531       |
| (059-7703-200) | Cathodic Protection Cable # 2 St. | 0          |
| (057-4007-700) | Anode Junction Box Complete       | 1          |
| (057-0700-100) | Cathodic Test Point Assy.         | 0          |
|                | <u>Calcium Chloride 1bs</u>       | <u>350</u> |
|                |                                   |            |
|                |                                   |            |
|                |                                   |            |

Insert 64 (70ft) Insert 65 (110ft)

LEASE

WELL NO. 690 W

CONTRACTOR *Morgan & Co*

RIG NO. 146

REPORT NO.

DATE \_\_\_\_\_

19

| MORNING    |     |                   |                                  |        |       | DAYLIGHT       |     |                   |                                  |             |       | EVENING    |                    |                   |                                  |        |       |
|------------|-----|-------------------|----------------------------------|--------|-------|----------------|-----|-------------------|----------------------------------|-------------|-------|------------|--------------------|-------------------|----------------------------------|--------|-------|
| Driller    |     | Total Men In Crew |                                  |        |       | Driller        |     | Total Men In Crew |                                  |             |       | Driller    |                    | Total Men In Crew |                                  |        |       |
| FROM       | TO  | FORMATION         | WT-BIT                           | R.P.M. |       | FROM           | TO  | FORMATION         | WT-BIT                           | R.P.M.      |       | FROM       | TO                 | FORMATION         | WT-BIT                           | R.P.M. |       |
| 0          | 100 | S.S.              |                                  |        |       | 410            | 460 | SS                |                                  |             |       |            |                    |                   |                                  |        |       |
| 100        | 180 | shale             |                                  |        |       | 460            | 600 | Shale             |                                  |             |       |            |                    |                   |                                  |        |       |
| 180        | 360 | SS                |                                  |        |       |                |     |                   |                                  |             |       |            |                    |                   |                                  |        |       |
| 360        | 410 | shale             |                                  |        |       |                |     |                   |                                  |             |       |            |                    |                   |                                  |        |       |
| BIT NO.    |     | NO. DC            |                                  | SIZE   | LENG. | BIT NO.        |     | NO. DC            |                                  | SIZE        | LENG. | BIT NO.    |                    | NO. DC            |                                  | SIZE   | LENG. |
| SERIAL NO. |     | STANDS            |                                  |        |       | SERIAL NO.     |     | STANDS            |                                  |             |       | SERIAL NO. |                    | STANDS            |                                  |        |       |
| SIZE       |     | SINGLES           |                                  |        |       | SIZE           |     | SINGLES           |                                  |             |       | SIZE       |                    | SINGLES           |                                  |        |       |
| TYPE       |     | DOWN ON KELLY     |                                  |        |       | TYPE           |     | DOWN ON KELLY     |                                  |             |       | TYPE       |                    | DOWN ON KELLY     |                                  |        |       |
| MAKE       |     | TOTAL DEPTH       |                                  |        |       | MAKE           |     | TOTAL DEPTH       |                                  |             |       | MAKE       |                    | TOTAL DEPTH       |                                  |        |       |
| MUD RECORD |     |                   | MUD, ADDITIVES USED AND RECEIVED |        |       | MUD RECORD     |     |                   | MUD, ADDITIVES USED AND RECEIVED |             |       | MUD RECORD |                    |                   | MUD, ADDITIVES USED AND RECEIVED |        |       |
| Time       | WL  | Vis.              |                                  |        |       | Time           | WL  | Vis.              |                                  |             |       | Time       | WL                 | Vis.              |                                  |        |       |
|            |     |                   |                                  |        |       | 100 lbs gel    |     |                   |                                  | Page 1 of 2 |       |            | Drill Time 41 Hrs. |                   |                                  |        |       |
|            |     |                   |                                  |        |       | 50 lbs Barafos |     |                   |                                  |             |       |            | Fish Time 44 Hrs.  |                   |                                  |        |       |
| FROM       |     | TO                | TIME BREAKDOWN                   |        |       | FROM           |     | TO                | TIME BREAKDOWN                   |             |       | FROM       |                    | TO                | TIME BREAKDOWN                   |        |       |
|            |     |                   | Water at 340                     |        |       | 4-29-68        |     | -                 | 2 1/2 hrs                        |             |       | 5-4-       |                    |                   | 6 1/2                            |        |       |
|            |     |                   |                                  |        |       | 4-30-68        |     | -                 | 10 hrs                           |             |       | 5-5        |                    |                   | 7                                |        |       |
|            |     |                   |                                  |        |       | 5-1-68         |     | -                 | 10 hrs                           |             |       | 5-6        |                    |                   | 9 1/2                            |        |       |
|            |     |                   |                                  |        |       | 5-2-68         |     | -                 | 10 hrs                           |             |       | 6-7        |                    |                   | 9 1/2                            |        |       |
|            |     |                   |                                  |        |       | 5-3-68         |     | -                 | <del>8</del>                     |             |       | 5-8        |                    |                   | <del>11 1/2</del>                |        |       |
|            |     |                   |                                  |        |       | 5-4-68         |     | -                 | 41                               |             |       |            |                    |                   | 44                               |        |       |

Page 1 of 2

|            |         |
|------------|---------|
| Drill Time | 41 Hrs. |
| Fish Time  | 44 Hrs. |

REMARKS -

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| REMARKS -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REMARKS - | REMARKS - |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 4-29-68 - Left old loc. 1 <sup>30</sup> in Change fan belt on rig from 1 <sup>30</sup> in to 4 <sup>30</sup> in. 4 <sup>30</sup> to 7 <sup>00</sup> move rig + rig up on new hole. Left rig 7 Pm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |           |
| 4-30-68 - Left yd 6 AM arrived rig 7 <sup>30</sup> AM Drilled 360 ft 4 <sup>3</sup> / <sub>8</sub> " hole, water at 340 ft. Reamed down to 140 ft with 7 <sup>3</sup> / <sub>8</sub> " bit. Left rig 5 Pm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |
| 5-1-68 - left yd 6 AM arrived rig 7 <sup>30</sup> AM went in hole with 7 <sup>3</sup> / <sub>8</sub> " bit reamed to 360 + drilled 410 ft. Left rig 5 Pm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |           |
| 5-2-68 - Left yd 6 AM arrived rig 7 <sup>30</sup> AM went in hole with new Bit reamed down from 260 ft + drilled 93 ft hole to total of 503 ft. Left rig 5 Pm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |           |
| 5-3-68 - Left yd 6 AM Arrived rig 7 <sup>30</sup> AM went in hole + drilled 90 ft with 10 <sup>3</sup> / <sub>8</sub> " bit, twisted off pipe at 593 ft. Pipe twisted off 233 ft down Left rig 3 <sup>30</sup> PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |           |
| 5-4-68 - Left yd 6 AM Arrived rig 7 <sup>30</sup> AM went in hole with Dogtapt + hooked on to fish Culler. But Culler's pull loose Left rig 1 <sup>30</sup> PM - 6 <sup>30</sup> PM 5-5-68. Left yd 6 AM Arrived rig 7 <sup>30</sup> AM Started cir trying to work fish loose, twisted off another tool bit in hole Left rig 2 <sup>30</sup> PM. 5-6-68 - Went out with overshot + hooked onto 2 <sup>nd</sup> fish + cir for 2 hrs but still couldn't pull loose worked fish until 6 PM. Then 5-7-68 Picked fish, tools in town + left at 8 <sup>30</sup> AM Arrived rig 10 AM worked + Picked off manually. Recovered 2 <sup>nd</sup> pipe. Left rig 6 PM. 7 <sup>30</sup> PM 5-8-68 - Left yd 6 AM arrived rig 7 <sup>30</sup> AM hooked fish drill pipe, reamed 100 ft. Left rig 6 <sup>30</sup> PM - 11 <sup>30</sup> PM |           |           |

SIGNED: Toolpusher

Company Supervisor

Parrels over