

#25 30-039-06838  
#168 30-039-82377

CPS 720

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. 36 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #25 PC Rincon #168 DK

Elevation 6586' Completion Date 11/3/65 Total Depth 500' Land Type\* S

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. NA

RECEIVED  
MAY 1 4 1966

Depths gas encountered: NA

OIL CON. DIV.  
DIST. 3

Type & amount of coke breeze used: type unknown 7480 lbs

Depths anodes placed: 202' to 440'

Depths vent pipes placed: 402'

Vent pipe perforations: NA

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

G6#1, G6#2

First ground bed installed at this location.

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

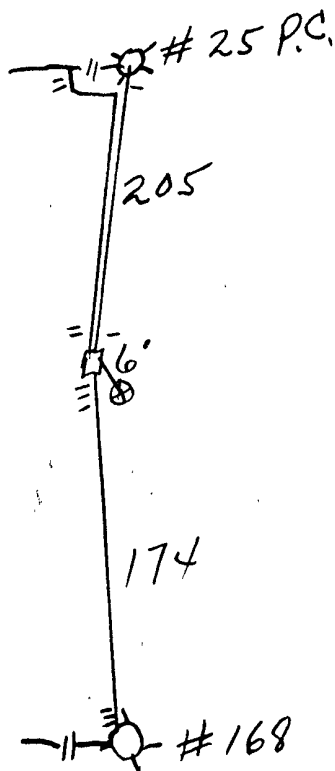
#37

Date Nov 3, 1965

|                                                   |                                           |                                              |                                              |                                |               |
|---------------------------------------------------|-------------------------------------------|----------------------------------------------|----------------------------------------------|--------------------------------|---------------|
| Well Name<br><u>Rincon # 25 &amp; # 168</u>       |                                           |                                              | CPS No.<br><u>720w</u>                       |                                |               |
| Location<br><u>NE 36-27-7</u>                     |                                           |                                              | Work Order No.<br><u>184-52499-50-20</u>     |                                |               |
| Anode Hole Depth<br><u>500</u>                    | Total Drilling Rig Time<br><u>47 Hrs.</u> | Type & Size Bit Used<br><u>3 7/8" = 210'</u> |                                              | No. Sacks Mud Used<br><u>0</u> |               |
| No. Sacks Lost Circulation Mat'l Used<br><u>0</u> | Anode Depth<br><u>#7-404</u>              | <u>#8 398</u>                                | <u>#9 392</u>                                | <u>#10 202'</u>                |               |
|                                                   | <u>#1 440</u>                             | <u>#2 434</u>                                | <u>#3 428</u>                                | <u>#4 422</u>                  | <u>#5 416</u> |
| Total Lbs. Coke Used<br><u>7480</u>               | Anode Output (Volts)<br><u>#7 2.0</u>     | <u>#8 2.2</u>                                | <u>#9 2.3</u>                                | <u>#10 2.5</u>                 |               |
|                                                   | <u>#1 2.0</u>                             | <u>#2 3.2</u>                                | <u>#3 3.4</u>                                | <u>#4 3.4</u>                  | <u>#5 2.4</u> |
| Total Circuit Resistance<br>Volts <u>11.3</u>     | Amps <u>10.0</u>                          | Ohms <u>1.13</u>                             | No. Ft. Surface Cable Conduit<br><u>750'</u> |                                |               |

Drilling Log (Attach Hereto). ☐

Remarks: STATICS Rincon #25 = .68 Rincon #168 = .65 600' EAST  
8 Anodes = 11.6V 8.0A = 1.45 3/4" Plastic Hose to #9 Anode 402'  
Good All Rectifier 30V 20A (3 NEG) Ser. #65C 6664  
4 lbs Chemical



GROUND BED LAYOUT SKETCH

All Construction Completed

Barrels  
(Signature)

4796' #8 PABLE

C.P.S. 720

LEASE

WELL NO.

CONTRACTOR

L. E. Wilson

RIG NO.

o. D-8

REPORT NO.

DATE 10-27-28-29 19

**MORNING**

**DAYLIGHT**

## EVENING

[illegible]

|                   |               |           |           |                  |               |           |           |                  |               |           |           |
|-------------------|---------------|-----------|-----------|------------------|---------------|-----------|-----------|------------------|---------------|-----------|-----------|
|                   | NO. DC        | SIZE      | LENG.     |                  | NO. DC        | SIZE      | LENG.     |                  | NO. DC        | SIZE      | LENG.     |
| BIT NO.           | NO. DC        | SIZE      | LENG.     | BIT NO.          | NO. DC        | SIZE      | LENG.     | BIT NO.          | NO. DC        | SIZE      | LENG.     |
| SERIAL NO. 487315 | NO. DC        | SIZE 5/16 | LENG. 140 | SERIAL NO. 37481 | NO. DC        | SIZE 5/16 | LENG. 140 | SERIAL NO. 57042 | NO. DC        | SIZE 5/16 | LENG. 140 |
| SIZE 7/8          | SINGLES       |           |           | SIZE 7/8         | SINGLES       |           |           | SIZE 7/8         | SINGLES       |           |           |
| TYPE Retip        | DOWN ON KELLY |           |           | TYPE Retip       | DOWN ON KELLY |           |           | TYPE Retip       | 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 |      |  |         |          |         |
|------------|-----|------|----------------------------------|------------------------|-----|------------|--|------|----------------------------------|------|--|---------|----------|---------|
| Time       | Wt. | Vis. |                                  | Time                   | Wt. | Vis.       |  | Time | Wt.                              | Vis. |  |         |          |         |
|            |     |      |                                  | Total Rig Time 47 hrs. |     |            |  |      |                                  |      |  |         |          |         |
|            |     |      |                                  |                        |     |            |  |      |                                  |      |  |         | 10-27-65 | 5 hrs.  |
|            |     |      |                                  |                        |     |            |  |      |                                  |      |  |         | 10-28-65 | 10 hrs. |
|            |     |      |                                  |                        |     |            |  |      |                                  |      |  |         | 10-29-65 | 8 hrs.  |
|            |     |      |                                  |                        |     |            |  |      |                                  |      |  | 10-1-65 | 9 hrs.   |         |

[illegible]

| REMARKS-                                       | REMARKS-                          | REMARKS-                |
|------------------------------------------------|-----------------------------------|-------------------------|
| 10-27-65 left last loc at 12:00                | Drilled pole hole and Drilled     | to 140ft left Rig 5:00  |
| 10-28-65 left yard at 6:00 arrived at Rig 7:45 | Drilled from 140ft. to 280ft.     | left Rig 5:00           |
| 10-29-65 left yard at 6:00 arrived Rig 7:45    | Drilled from 280ft to 350ft       | left Rig at 3:00        |
| 11-1-65 left yard at 6:00 arrived at Rig 7:45  | one is sitting back up on a slope | Drilled from 350 to 420 |
| left Rig at 5:00                               |                                   |                         |

SIGNED: Toolpusher

Company Supervisor \_\_\_\_\_

**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. 36 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #25 PC Rincon #168 DK

Elevation 6586' Completion Date 7/24/71 Total Depth 700' Land Type\* S

Casing, Sizes, Types & Depths None

**RECEIVED**  
 MAY 14 1990  
 OIL CON. DIV. I  
 DIST. 3

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. 140' - 166' deep 26' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 13,600 obs

Depths anodes placed: 440 to 620'

Depths vent pipes placed: NA

Vent pipe perforations: 325'

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

Second ground bed installed at this location.

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

CPS CONTRACT

Drilling Log (Attach Hereto) ☐

Completion Date 7/24/71

|                                                     |                         |                                       |                             |                                                                       |                |
|-----------------------------------------------------|-------------------------|---------------------------------------|-----------------------------|-----------------------------------------------------------------------|----------------|
| Well Name <u>RINCON # 25</u><br><u>RINCON # 168</u> |                         | Location <u>NE-36-27N-7W</u>          |                             | CPS No. <u>720 W</u>                                                  |                |
| Type & Size Bit Used <u>6 3/4</u>                   |                         |                                       |                             | Work Order No. <u>184-54299-19-50-20</u><br><u>184-54257-19-50-20</u> |                |
| Anode Hole Depth<br><u>700</u>                      | Total Drilling Rig Time | Total Lbs. Coke Used<br><u>13,600</u> | Lost Circulation Mat'l Used | No. Sacks Mud Used                                                    |                |
| Anode Depth                                         |                         |                                       |                             |                                                                       |                |
| # 1 <u>620</u>                                      | # 2 <u>610</u>          | # 3 <u>595</u>                        | # 4 <u>575</u>              | # 5 <u>565</u>                                                        | # 6 <u>555</u> |
| # 7 <u>545</u>                                      | # 8 <u>530</u>          | # 9 <u>450</u>                        | # 10 <u>440</u>             |                                                                       |                |
| Anode Output (Amps)                                 |                         |                                       |                             |                                                                       |                |
| # 1 <u>2.3</u>                                      | # 2 <u>2.4</u>          | # 3 <u>2.1</u>                        | # 4 <u>2.3</u>              | # 5 <u>2.4</u>                                                        | # 6 <u>2.5</u> |
| # 7 <u>2.2</u>                                      | # 8 <u>2.8</u>          | # 9 <u>2.2</u>                        | # 10 <u>2.3</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</u>                                     | Amps <u>12.2</u>        | Ohms <u>0.98</u>                      | <u>120'</u>                 |                                                                       |                |

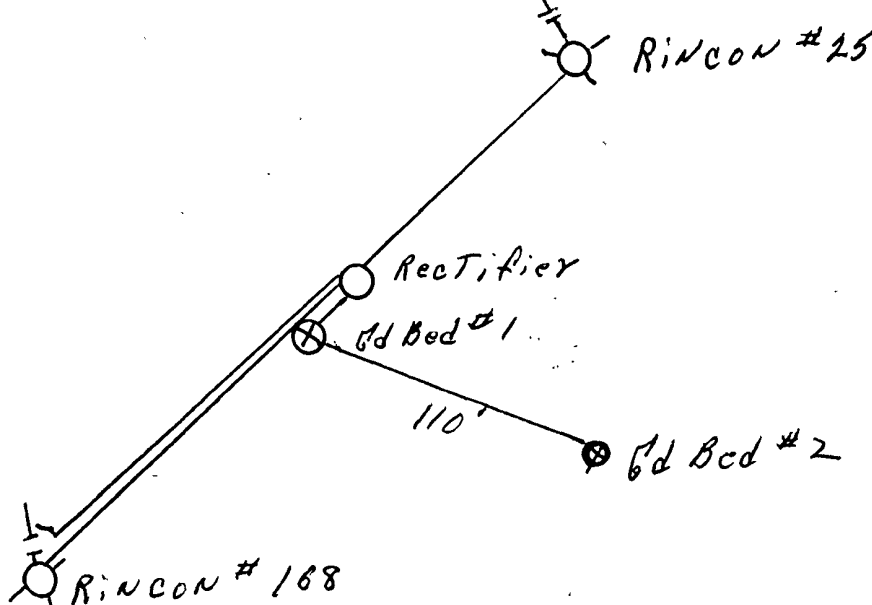
Remarks: VENT Hose Perforated 325' To #1 Anode  
Pumped 350 Shovels 50 Sacks To App 430' ~~per~~ one  
Load of water. Pumped 695 Shovels (99 sacks) To 40'  
Completed By Slurry Driller Blew water out of  
Hole @ 340'

NOTE: Junction Box NOT SET cable NOT Buried

All Construction Completed

Eduard R. Rauh  
(Signature)

GROUND BED LAYOUT SKETCH



720 W

RINCON # 168

RINCON - 25

Vent Hose Perforated 325'

| MW  | gas/mol |
|-----|---------|
| 16  | 9.4     |
| 30  | 9.36    |
| 44  | 10.42   |
| 58  | 12.38   |
| 72  | 14.34   |
| 86  | 16.30   |
| 100 | 18.26   |
| 114 | 20.22   |
| 128 | 22.18   |
| 142 | 24.14   |

|     |      |     |      |     |      |       |      |
|-----|------|-----|------|-----|------|-------|------|
| 340 | .13  | 510 | .60  | 80  | .76  | Water | COKE |
|     |      |     | .64  | 620 | 1.70 | 2.3   |      |
|     | .90  | 20  | .51  | 90  |      | 2.4   |      |
| 50  | .86  |     | .87  | 3   | 595  | 1.53  | 2.1  |
|     | .85  | 30  | 1.60 | 4   | 575  | 1.78  | 2.2  |
| 60  | .66  |     | 2.1  | 5   | 565  | 1.76  | 2.4  |
|     | .62  | 40  | 1.76 | 6   | 555  | 1.74  | 2.5  |
| 70  | .97  |     | 1.49 | 7   | 545  | 1.61  | 2.2  |
|     | 1.08 | 50  | 1.40 | 8   | 530  | 1.75  | 2.8  |
| 80  | 1.16 |     | 1.50 | 9   | 450  | 1.71  | 2.2  |
|     | .93  | 60  | 1.76 | 10  | 440  | 1.93  | 2.3  |
| 90  | .82  |     | 1.60 |     |      |       |      |
|     | .81  | 70  | 1.65 |     |      |       |      |
| 400 | .81  |     | 1.55 |     |      |       |      |
|     | .75  | 80  | 1.08 |     |      |       |      |
| 10  | .71  |     | 1.0  |     |      |       |      |
|     | .98  | 90  | 1.49 |     |      |       |      |
| 20  | .83  |     | 1.47 |     |      |       |      |
|     | .78  | 600 | 1.17 |     |      |       |      |
| 30  | 1.0  |     | 1.51 |     |      |       |      |
|     | 1.58 | 110 | 1.57 |     |      |       |      |
| 40  | 1.81 |     | 1.63 |     |      |       |      |
|     | 1.67 | 20  | 1.48 |     |      |       |      |
| 50  | 1.68 |     | 1.25 |     |      |       |      |
|     | .98  | 30  | .90  |     |      |       |      |
| 60  | .77  |     | .85  |     |      |       |      |
|     | .66  | 40  | .83  |     |      |       |      |
| 70  | .61  |     | .83  |     |      |       |      |
|     | .60  | 50  | .75  |     |      |       |      |
| 80  | .56  |     | .77  |     |      |       |      |
|     | .56  | 60  | .66  |     |      |       |      |
| 90  | .60  |     | .75  |     |      |       |      |
|     | .56  | 70  | .84  |     |      |       |      |
| 580 | .57  |     | .89  |     |      |       |      |
|     | .58  |     |      |     |      |       |      |

12V 12.2A

Pumped 350 S Hovels (50 sacks)

First Load of Water to 430'

Pumped 195 S Hovels 99 sacks

To 40' completed 5/14/22

Total 13,600 lbs

Pay Total Depth = 645'

Extras = 145'

| MW  | gas/mol |
|-----|---------|
| 44  | 10.42   |
| 58  | 12.38   |
| 72  | 14.34   |
| 86  | 16.30   |
| 100 | 18.26   |
| 114 | 20.22   |
| 128 | 22.18   |
| 142 | 24.14   |

DAILY DRILLING REPORT

LEASE WATSON WELL NO. 615-2 CONTRACTOR Mohr RIG NO. 1 REPORT NO. 7-28 DATE 7-28 1977

MORNING

DAYLIGHT

EVENING

| Driller <u>WATSON</u> |     |                  |         | Total Men In Crew <u>2</u>       |      |      |                   | 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.         | FROM | TO         | FORMATION         | WT.-BIT | R.P.M. | FROM                             | TO  | FORMATION | WT.-BIT | R.P.M. |
| 0                     | 51  | Clay + shale     |         |                                  | 166  | 205  | shale             |                |        | 296  | 320 | shale                            |         |                | 320  | 330        | shale             |         |        | 410                              | 440 | shale     |         |        |
| 51                    | 103 | SAND + SANDSTONE |         |                                  | 205  | 236  | shaly SAND-       |                |        | 320  | 330 | SANDSTONE                        |         |                | 330  | 410        | shale + sandstone |         |        | 440                              |     | SANDSTONE |         |        |
| 103                   | 125 | shale            |         |                                  | 236  | 270  | shale + sandstone |                |        | 330  | 410 | shale + sandstone                |         |                | 410  | 440        | shale + sandstone |         |        |                                  |     |           |         |        |
| 125                   | 166 | SAND + SANDSTONE |         |                                  | 270  | 296  | shaly SAND-       |                |        | 410  | 440 | SAND-                            |         |                |      |            |                   |         |        |                                  |     |           |         |        |
| 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                  | WT. | Vis.             |         | Time                             | WT.  | Vis. |                   | Time           | WT.    | Vis. |     | Time                             | WT.     | Vis.           |      | Time       | WT.               | Vis.    |        | Time                             | WT. | Vis.      |         |        |
| FROM                  | TO  | TIME BREAKDOWN   |         |                                  |      | FROM | TO                | TIME BREAKDOWN |        |      |     | FROM                             | TO      | TIME BREAKDOWN |      |            |                   | FROM    | TO     | TIME BREAKDOWN                   |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |
|                       |     |                  |         |                                  |      |      |                   |                |        |      |     |                                  |         |                |      |            |                   |         |        |                                  |     |           |         |        |

REMARKS -

REMARKS -

Drilled to 146 w/ Bin -  
Hole over 140' - 166' - Blue  
mud Balls out of hole -  
Drilled to 440 w/ Pint wtr. Ind.  
Logged & holed Hole  
10 hrs. Drilling Time.

SIGNED: Toolpusher

Company Supervisor