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30-045-21994

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

Operator MERIDIAN OIL Location: Unit SE Sec. 31 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced SCOTT #2A

cps 1188w

Elevation 5998' Completion Date 5/17/77 Total Depth 400' 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. WET AT 55', 85', 115', 160', 185'

Depths gas encountered: N/A

Type & amount of coke breeze used: 48 SACKS

Depths anodes placed: 360', 350', 300', 290', 280', 270', 260', 250', 240', 230'

Depths vent pipes placed: N/A

Vent pipe perforations: 180'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST.

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING
# CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Logged

Drilling Log (Attach Hereto). ☐

Completion Date 5-17-77

| Well Name | Location | CPS No. |
|---|---|---|
| SCOTT # 2A | SE 31-32-10 | 1188W |

| Type & Size Bit Used | Work Order No. |
|---|---|
| 6 3/4 | 184-57076.19-50 |

| Anode Hole Depth | Total Drilling Rig Time | Total Lbs. Coke Used | Lost Circulation Mat'l Used | No. Sacks Mud Used |
|---|---|---|---|---|
| 400X392 | — | 4800 | 0 | 0 |

| | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Anode Depth | 360 | 350 | 300 | 290 | 280 | 270 | 260 | 250 | 240 | 230 |
| Anode Output (Amps) | 4.1 | 3.7 | 4.7 | 4.0 | 4.6 | 5.2 | 5.1 | 4.6 | 4.5 | 4.5 |

| | #11 | #12 | #13 | #14 | #15 | #16 | #17 | #18 | #19 | #20 |
|---|---|---|---|---|---|---|---|---|---|---|
| Anode Depth | | | | | | | | | | |
| Anode Output (Amps) | | | | | | | | | | |

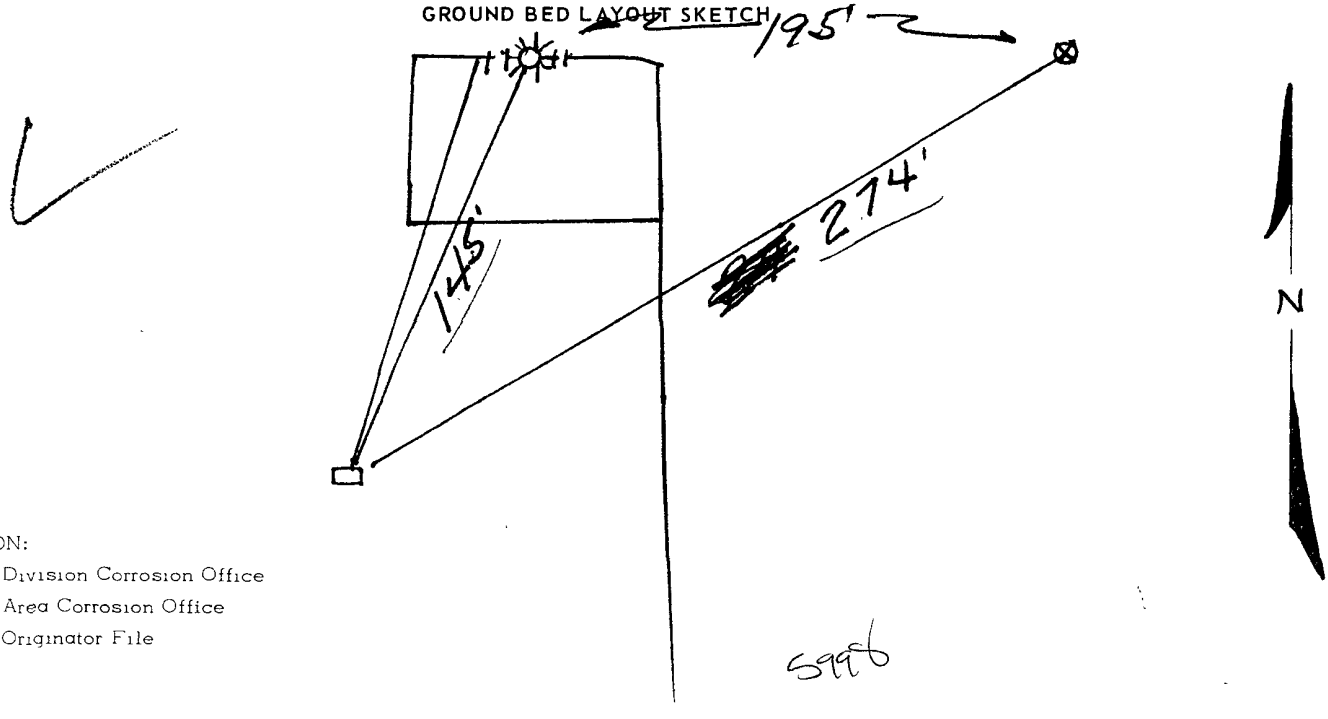
| Total Circuit Resistance | | | No. 8 C.P. Cable Used | No. 2 C.P. Cable Used |
|---|---|---|---|---|
| Volts 11.9 | Amps 18.1 | Ohms 0.65 | 564 SURFACE | |

Remarks: DRILL TO 400' WITH AIR - WATER NEXT AM AT 115' - T.D. 392
VENT PERFORATED 180' -
SLURRY 48 Coke

All Construction Completed

James
(Signature)

GROUND BED LAYOUT SKETCH




DISTRIBUTION:
WHITE — Division Corrosion Office
YELLOW — Area Corrosion Office
PINK — Originator File

5996

Form 22-2 (Rev. 1-61) C.P.S. 1188W

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

# DAILY DRILLING REPORT

LEASE Scott WELL NO. #2A CONTRACTOR Rocy RIG NO. REPORT NO. DATE 5-16- 1977

## MORNING

Driller Total Men In Crew

| FROM | TO | FORMATION | WT-BIT | R.P.M. |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

BIT NO. NO. DC SIZE LENG.

SER NO. NO. DC SIZE LENG.

SIZE STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD

| Time | Wt. | Vis. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

MUD, ADDITIVES USED AND RECEIVED

| FROM | TO | TIME BREAKDOWN |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

REMARKS –

## DAYLIGHT

Driller Rocy Total Men In Crew

| FROM | TO | FORMATION | WT-BIT | R.P.M. |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

BIT NO. NO. DC SIZE LENG.

SERIAL NO. NO. DC SIZE LENG.

SIZE STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD

| Time | Wt. | Vis. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

MUD, ADDITIVES USED AND RECEIVED

| FROM | TO | TIME BREAKDOWN |
|---|---|---|
| 0 | 20 | Surface |
| 20 | 50 | Shale |
| 50 | 55 | Sand wet |
| 55 | 75 | Shale |
| 75 | 85 | Sand wet |
| 85 | 105 | Shale |

REMARKS –

105-115 Sand wet
115-140 Shale
140-160 Sand wet
160-165 Shale
165-185 Sand wet
185-200 Shale

## EVENING

Driller Total Men In Crew

| FROM | TO | FORMATION | WT-BIT | R.P.M. |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

BIT NO. NO. DC SIZE LENG.

SERIAL NO. NO. DC SIZE LENG.

SIZE STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD

| Time | Wt. | Vis. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

MUD, ADDITIVES USED AND RECEIVED

| FROM | TO | TIME BREAKDOWN |
|---|---|---|
| 200 | 230 | Shale |
| 230 | 235 | Sand |
| 235 | 250 | Shale |
| 250 | 260 | Sand |
| 260 | 330 | Shale |

REMARKS – 330 Sand

330 – 400 Sandy Shale

SIGNED: Toolpusher _____ Company Supervisor _____

Form 7-1 (Rev. 5-67)

EL PASO NATURAL GAS COMPANY

ENGINEERING DEPARTMENT

Sheet ____ of ____

Date: ____

By: ____

# Scott #2A

| | | | | |
|---|---|---|---|---|
| 15 | | 295 | 2.5 | |
| 20 | 2.7 | 300 | 2.5 — | |
| | 2.5 | | 2.2 | |
| 30 | 2.4 | 10 | 2.0 | |
| | 2.2 | | 2.0 | |
| 40 | 2.1 | 20 | 2.1 | |
| | 1.9 | | 2.1 | |
| 50 | 1.9 | 30 | 2.1 | |
| | 2.2 | | 2.0 | |
| 60 | 2.2 | 40 | 2.0 | |
| | 2.3 | | 2.3 — | |
| 70 | 2.2 | 50 | 2.1 | |
| | 2.1 | | 2.2 | |
| 80 | 2.2 | 60 | 2.3 — | |
| | 2.1 | | 2.4 | |
| 90 | 2.0 | 70 | 2.3 — | |
| | 2.0 | | 2.4 | |
| 200 | 2.2 | 80 | 2.8 | |
| | 2.2 | | 2.7 | |
| 10 | 2.4 | 90 | 392 T.D | |
| | 2.7 | | | |
| 20 | 2.9 | 400 | | |
| | 2.8 | | | |
| 30 | 2.6 — | | | |
| | 2.8 | | | |
| 40 | 2.6 — | | | |
| | 2.7 | | | |
| 50 | 2.7 — | | | |
| | 3.3 | | | |
| 60 | 2.7 — | | | |
| | 2.8 | | | |
| 70 | 2.9 — | | | |
| | 2.8 | | | |
| 80 | 2.6 — | | | |
| | 2.4 | | | |
| 90 | 2.3 — | | | |

SE 31-32-10

1188.00 - 5076.19

Drill 400'

Water Next AMat 11.5

Vent Perf. 180'

48 Coke

| | | | |
|---|---|---|---|
| 1 | 360 | 3.4 | 4.1 |
| 2 | 350 | 3.0 | 3.7 |
| 3 | 300 | 3.6 | 4.7 |
| 4 | 290 | 3.4 | 4.0 |
| 5 | 280 | 3.8 | 4.6 |
| 6 | 270 | 4.5 | 5.2 |
| 7 | 260 | 4.4 | 5.1 |
| 8 | 250 | 3.6 | 4.6 |
| 9 | 240 | 3.7 | 4.5 |
| 10 | 230 | 3.7 | 4.5 |

66

181 | 11.99

10 86

1340

181A = 0.65

| MW | | gals/mol |
|---|---|---|
| 16 | $C_1$ | 6.4 |
| 30 | $C_2$ | 9.46 |
| 44 | $C_3$ | 10.42 |
| 58 | $IC_4$ | 12.38 |
| | $NC_4$ | 11.93 |
| 72 | $IC_5$ | 13.85 |
| | $NC_5$ | 13.71 |
| 86 | $C_6$ | 15.50 |
| | $C_{6+}$ | 18.87 |
| 100 | $C_7$ | 17.2 |
| | $C_{7+}$ | 17.46 |
| 114 | $C_8$ | 19.58 |
| 28 | $C_2^=$ | 5.64 |
| 42 | $C_3^=$ | 9.67 |

| MISC | | |
|---|---|---|
| MW | | gals/mol |
| 44 | $CO_2$ | 6.38 |
| 34 | $H_2S$ | 5.17 |
| 28 | $N_2$ | 4.16 |
| 2 | $H_2$ | 3.38 |