

1408

E

36-039-22304

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

Operator MERIDIAN OIL Location: Unit NW Sec. 36 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #87A

cps 1628w

Elevation 6687' Completion Date 8/28/81 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. 80' - 110' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 4000 lbs.

Depths anodes placed: 375', 355', 315', 295', 275', 255', 235', 215', 195'

Depths vent pipes placed: 400'

Vent pipe perforations: 340'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

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

TIME	RIG	Ø
8-28	8	2

Completion Date 8-28-81

Drilling Log (Attach Hereto). ☐

Well Name <u>SI 30-6 #87A</u>		Location <u>NW36-30-7</u>		CPS No. <u>1628W</u>																																																													
Type & Size Bit Used <u>6 3/4" STATIC .84</u>				Work Order No. <u>57876-21-50-20</u>																																																													
Anode Hole Depth <u>400'</u>	Total Drilling Rig Time <u>6</u>	Total Lbs. Coke Used <u>4000 #</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used																																																													
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Remarks: DAMP FROM 80 TO 110' DRILLED TO 320' SET OVER
NIGHT. BLOW WATER SAMPLE NEXT AM.
60' 1" PLAIN VENT PIPE 340' BALANCE PERFORATED

40116 RECT ✓

25' Meter ~~STUB~~ POLE ✓

DITCH + 1 CABLE = 225' ✓

XTRA CABLE = ~~155'~~ ? 155' ✓

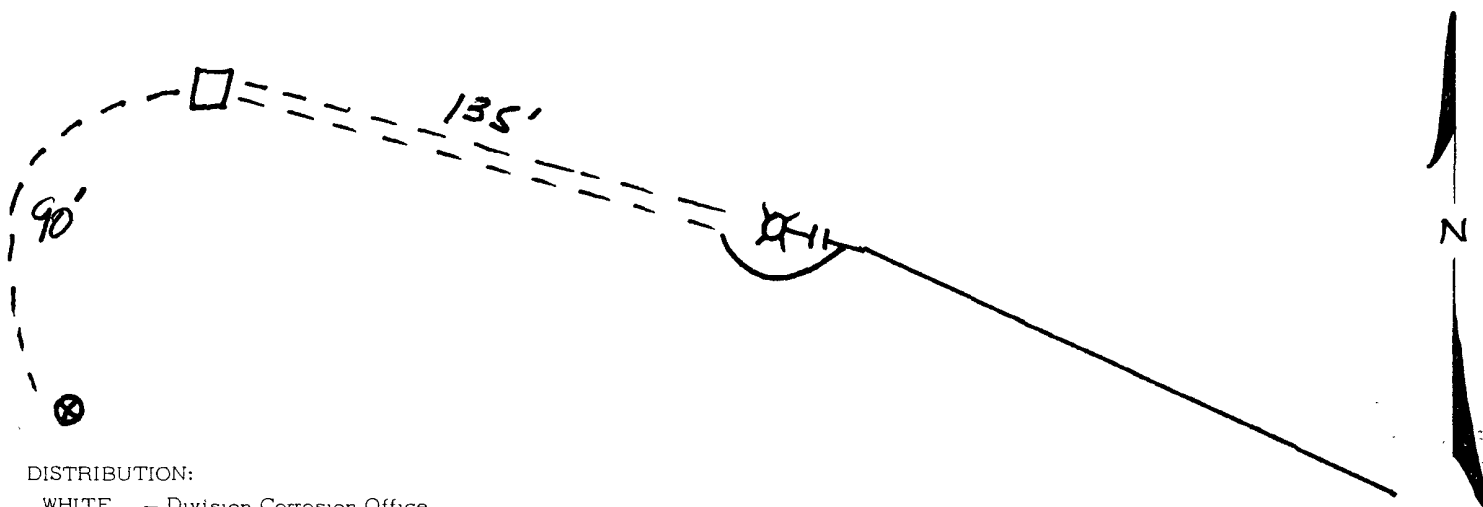
HOLE = -100' ✓

All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

60287

DAILY DRILLING REPORT

SJ 30-6 # 67A

CPS 1628 W

Stony Brilling
DAYLIGHT

DATE Aug 26 1981

[illegible]

SIGNED: Toolpusher

Steve Long

____ Company Supervisor

30-6 #87A 1628 #W

57876-21-50-20

NW 36-30-7

DAMP FROM 80' TO 110' SET OVER NIGHT AT
320 BLOW WATER NEXT AM SAMPLE
60' 1" PLAIN VENT PIPE BALANCE PERFORATED

DRILLED TO 400' LOG TO 400'

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

120		205	72	178	305	152
25		18	176	10	160	
30		15	160	15	180	4
35		20	158	20	160	
40		25	170	25	167	
45		30	164	30	147	
50	136	35	182	35	160	3
55	126	40	191	40	154	
60	121	45	176	45	137	
65	140	50	150	50	160	
70	150	55	126	55	138	2
75	125	60	133	60	149	
80	81	65	123	65	131	
85	47	70	124	70	125	
90	62	75	148	75	134	1
95	100	80	138	80	157	
200	163	85	107	85	141	
		90	80	90	124	
		95	102	95	120	
		300	157	400	TD	

1 = 375'	134	165	253
2 = 355'	149	190	289
3 = 335'	154	214	352
4 = 315'	160	273	380
5 = 295'	157	150	272
6 = 275'	138	200	294
7 = 255'	133	210	324
8 = 235'	191	263	416
9 = 215'	138	256	386
10 = 195'	163	146	246

11.9 VOLTS
19.2 AMPS
.61 Ω

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10311 Date 9-11-81

Operator El Paso Natural Gas Well Name S.J. 30-6 #87 A CPS 1628W

Location NW 36-30-7 County San Juan State New Mexico

Field Blanco Formation _____

Sampled From 80' to 110'

Date Sampled 8-27-81 By B. T.

Tbg. Press. _____	Csg. _____	Surface Csg. Press. _____
Sodium <u>937</u> ppm	<u>40.7</u> epm	Chloride <u>16</u> ppm
Calcium <u>155</u>	<u>7.8</u>	Bicarbonate <u>129</u>
Magnesium <u>11</u>	<u>0.9</u>	Sulfate <u>2,250</u>
Iron _____	_____	Carbonate <u>0</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

HCO₃ taken to ph 4.0

Total Solids Dissolved 3,230

pH 7.6

Sp. Gr. 0.9992 At 60°F

Resistivity 233 ohm-cm at 72°F

Dennis P. Bird
Chemist RZE

