

1 = 30-039-07330
60 = 30-039-07341

4907

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

Operator MERIDIAN OIL Location: Unit NE Sec. 29 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #1, #60

cps 729w

Elevation 6708' Completion Date 8/30/77 Total Depth 380' 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. 90' - 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: 36 SACKS

Depths anodes placed: 320', 310', 300', 290', 280', 245', 230', 220', 210', 200'

Depths vent pipes placed: 325' OF 1" VENT PIPE

Vent pipe perforations: 200'

Remarks: qb #2

RECEIVED

MAY 31 1991

OIL CON. DIV.

If any of the above data is unavailable, please indicate ^{LIST 3} 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 8-30-77

Well Name <u>SJ. 28-5^{#1}</u> <u>SJ. 28-5^{#60}</u>		Location <u>NE29-28-5</u>		CPS No. <u>729 W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>52368.19-50-2</u> <u>184-54288.19-50-2</u>	
Anode Hole Depth <u>1099' 380</u>	Total Drilling Rig Time <u>371</u>	Total Lbs. Coke Used <u>36 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>320</u>	# 2 <u>310</u>	# 3 <u>300</u>	# 4 <u>290</u>	# 5 <u>280</u>
	# 6 <u>245</u>	# 7 <u>230</u>	# 8 <u>220</u>	# 9 <u>210</u>	# 10 <u>200</u>
Anode Output (Amps)	# 1 <u>3.3</u>	# 2 <u>4.1</u>	# 3 <u>4.0</u>	# 4 <u>3.4</u>	# 5 <u>3.9</u>
	# 6 <u>2.9</u>	# 7 <u>3.5</u>	# 8 <u>3.4</u>	# 9 <u>3.0</u>	# 10 <u>3.5</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	Volts <u>11.2</u>		Amps <u>11.8</u>		Ohms <u>.95</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

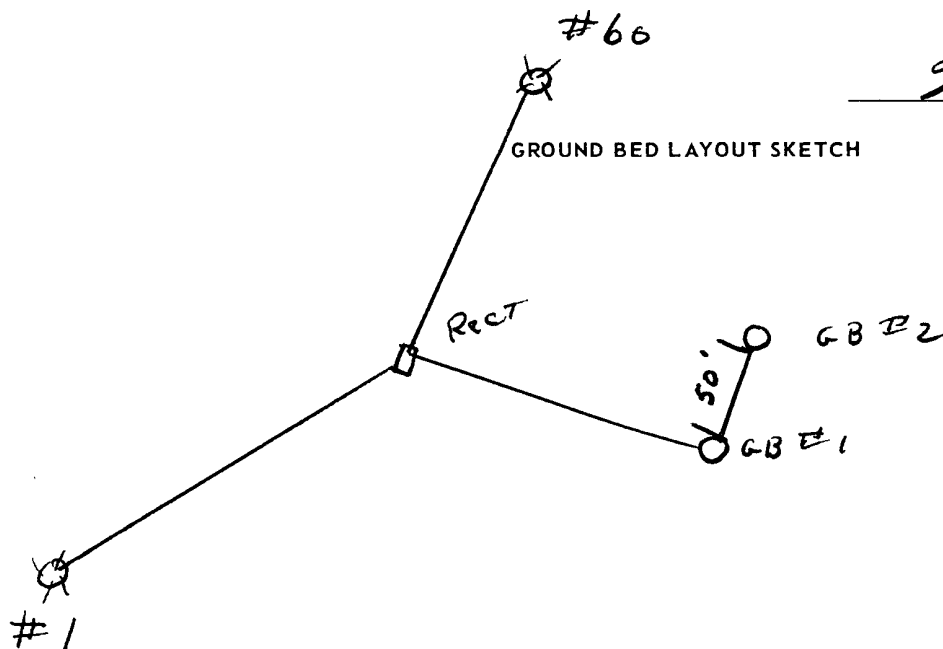
Remarks: DRILLER SAID MAKING WATER AT 90' TO 100'. NEXT DAY A.M.
Blew water.

INSTALLED 325' 1" VENT PIPE, PERFORATED 200' OF VENT PIPE
FIVE ANODE BED, PLUS 5 EXTRA ANODES

All Construction Completed

Wells Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DRILLING DEPARTMENT

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

SJ 28.5 #1
SJ 28.5 #60
NE 29-28-5
CPS 729 W

W/C 52368.19-50-20
W/O 54288.19-50-20

36 Sacks COKE

DRILLER SAID MAKING WATER
90 TO 100' NEXT AM. BLEW
WATER
INSTALLED 325' 1" VENT PIPE
PERFORATED 200' OF VENT PIPE

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

140	1.3	70	1.4
	1.7		2.6
50	1.6	80	2.7 ⑤
	1.3		2.8
60	.60	90	2.1 ④
	.60		2.1
70	.70	300	2.5 ③
	1.3		2.7
80	1.4	10	2.6 ②
	1.4		2.5
90	2.1	20	2.1 ①
	2.2		1.5
200	1.9 ⑩	30	1.0
	1.9		.70
10	1.9 ⑨	40	.50
	1.5		1.0
20	2.0 ⑧	50	1.6
	2.4		1.8
30	2.0 ⑦	60	2.0
	1.4		2.2
40	1.7	70	
	2.0 ⑥		
50	1.4	80 T.D.	
	1.7	logged 371'	
60	1.6		
	1.5		

① 320	2.4	3.3
② 310	2.9	4.1
③ 300	2.8	4.0
④ 290	2.4	3.4
⑤ 280	2.9	3.9
⑥ 245	2.1	2.9
⑦ 230	2.3	3.5
⑧ 220	2.2	3.4
⑨ 210	1.9	3.0
⑩ 200	2.2	3.5

11.2 VOLTS
11.8 AMPS
.95 ohms