

85-30-039-07842
408-30-039-24526

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

Operator MERIDIAN OIL Location: Unit SW Sec. 16 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #85, #408
179w

Elevation 6567' Completion Date 7/17/80 Total Depth 500' 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. 100' - 120'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST.

Type & amount of coke breeze used: N/A

Depths anodes placed: 455', 435', 365', 350', 305', 275', 225', 205', 170', 145'

Depths vent pipes placed: 400' OF 1"

Vent pipe perforations: 300'

Remarks: qb. #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

8 REG
3 O.T.
11

Drilling Log (Attach Hereto) ☐

REDRILL GB #3

Completion Date 7-17-80

Well Name SJ 30-6 #85		Location SW 16-30-6		CPS No. 179W	
Type & Size Bit Used 6 3/4"				Work Order No. 40083-19	
Anode Hole Depth 500-490 TO		Total Drilling Rig Time		Total Lbs. Coke Used	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode Depth					
# 1	455	# 2	435	# 3	365
# 4	350	# 5	305	# 6	275
# 7	225	# 8	205	# 9	170
# 10	145				
Anode Output (Amps)					
# 1	2.6	# 2	2.6	# 3	2.7
# 4	3.0	# 5	2.9	# 6	2.6
# 7	2.3	# 8	2.7	# 9	3.4
# 10	3.3				
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 12.3		Amps 16.0		Ohms .76	

Remarks: GOOD WATER SAND 100-120' DRILLED TO 220' SES
OVER NIGHT. UNABLE TO BLOW WATER JUST M.
FEEL SURE SHALE FORMATION BELOW 120 WAS TAKEN
WATER. DRILLED 500 TO LOGGED TO 490
400' 1" PERFORATED VENT

180" 1" PLAIN

DITCH + CABLE

ONLY - 35'

HOLE - 10'

All Construction Completed

BT
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

REDRILL #3 179W

40083-19

ST 30-6 #85

SW 16-30-6

Space water sand at 40'.
Good water sand 100-120' drilled to 220' set on
night unable to blow clear water just mud
ful sure shale formation below was taking
water. Drilled to 500' logged to 490TD
400' 1" Perforated Vent
100' 1" P. Liner

$$12.3 \checkmark 16.0A = .765$$

MW		gals/mol
18.04	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

12.5	.8		25	1.1	①	25	.6	
30	1.4		30	1.2		30	.5	④
35	1.4		35	1.1		35	.6	
40	1.2		40	1.1		40	.5	
45	1.0		45	.7		45	.5	
50	1.3	⑩	50	.6	⑤	50	1.6	①
55	1.2		55	.7		55	2.2	①.5
60	1.1	②.5	60	.8		60	1.7	
65	1.1		65	1.0		65	1.5	③
70	1.3		70	1.0		70	1.7	
75	1.4	⑨	75	1.1	⑥	75	1.5	
80	1.2		80	1.3		80	1.0	
85	1.96	③	85	.7		85	.6	
90	1.0		90	.8	③	90	1.5	⑦
95	1.0		95	.95		95	.6	⑦
200	1.0		300	1.1		400	.4	
5	1.1	⑧	5	1.2	⑤	5	.4	
10	1.2		10	1.5		10	.5	
15	1.0	②	15	1.2		15	.5	
20	.98		20	.8		20	.4	
1 = 455	—		1.6	—		2.6	25	.8
2 = 435	—		1.6	—		2.6	30	1.4
3 = 365	—		1.6	—		2.7	35	1.6
4 = 350	—		1.5	—		3.0	40	1.8
5 = 305	—		1.5	—		2.9	45	1.7
6 = 275	—		1.4	—		2.6	50	1.7
7 = 225	—		1.2	—		2.3	55	1.6
8 = 205	—		1.3	—		2.7	60	1.6
9 = 170	—		1.6	—		3.4	65	1.5
10 = 145	—		1.6	—		3.3	70	.7
							75	.7
							80	.5
							85	.5
							90	
							95	

490TD