

1024

30-045-22452

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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 31 Rng 9

Name of Well/Wells or Pipeline Serviced WALKER #1A

cps 127lw

Elevation 6420' Completion Date 6/19/78 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. 120' - 140' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 350', 340', 330', 280', 270', 260', 250', 230', 205', 145'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

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

Drilling Log (Attach Hereto). ☐

Completion Date 6-19-78

Well Name <u>WALKER 1A</u>		Location <u>SE 31-31-9</u>		CPS No. <u>1271W</u> <u>57181-21</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No.	
Anode Hole Depth <u>400'</u>	Total Drilling Rig Time <u>390TD</u>	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 <u>350</u>	2 <u>340</u>	3 <u>330</u>	4 <u>280</u>	5 <u>270</u>	6 <u>260</u>
7 <u>250</u>	8 <u>230</u>	9 <u>205</u>	10 <u>1.45</u>		
Anode Output (Amps)					
1 <u>2.4</u>	2 <u>3.0</u>	3 <u>2.5</u>	4 <u>2.6</u>	5 <u>3.2</u>	6 <u>3.9</u>
7 <u>2.8</u>	8 <u>2.2</u>	9 <u>2.8</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	Volts <u>9.2</u>		Amps <u>10.2</u>	Ohms <u>90</u>	No. 8 C.P. Cable Used
					No. 2 C.P. Cable Used

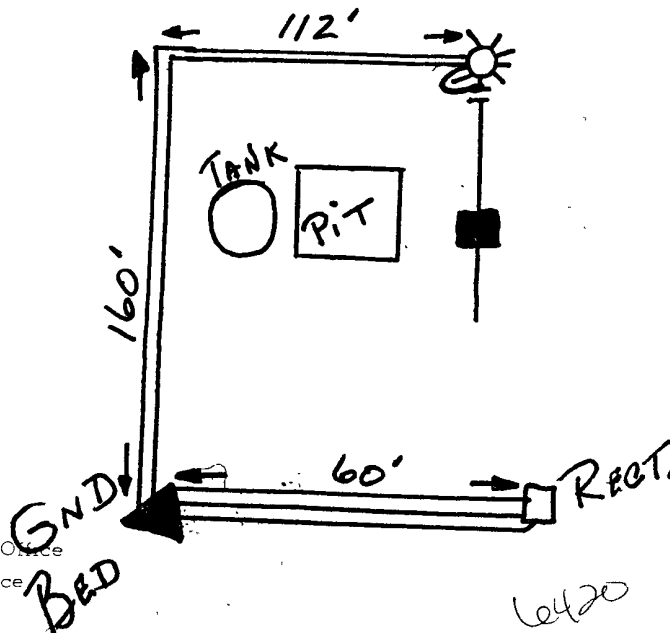
Remarks: STATIC = .82 DRILLED TO 400' 390' TD
WATER SAND FROM 120 TO 140' WATER STANDING AT
225' FILLED HOLE TO 140' TO LOG.

DITCH & 1 WIRE = 332'
EXTRA WIRE = 392'
40/16 RECT & STAB POLE
HOLE = -110'

All Construction Completed

BT
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6420

1271 W

19 78

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

WALKER #1A 12 71 W

STATIC = .82
SE 31- 31-9

DRILLED TO 400' 390' TD HOLE - 110

WATER SAND FROM 120 TO 145
WATER STANDING AT = 225' FILLED HOLE TO 140'
TO LOG.

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

100	80	1.1	60
	90	1.1	
10		1.0	70
	90	.9	
20	300	.8	80
		.6	
30	10	.6	90
		.6	
40	20	.4	500
		.6	
50	30	1.1	
1.2		1.4	
1.0		1.4	
.4	40	1.4	
60		1.2	
.4	50	1.1	
70		1.0	
.4	60	.9	
80		.8	
.4	70	.8	
90		.6	
.4	80	.6	
200	90	.9	
1.1		1.0	
1.6	400		
1.0	10		
.4	20		
20			
.4	30		
30	1.0		
.9	40		
.8	50		
.9	1.1		
50	1.6		
1.8	60		
1.8	70		
1.6			

9.2 ✓ 10.2 A = .90
 ① = 350' - 1.2 - 2.4
 ② = 340' - 1.7 - 3.0
 ③ = 330' - 1.3 - 2.5
 ④ = 280' - 1.3 - 2.6
 ⑤ = 270' - 1.7 - 3.2
 ⑥ = 260' - 2.0 - 3.9
 ⑦ = 250' - 1.4 - 2.8
 ⑧ = 230' - 1.0 - 2.2
 ⑨ = 205' - 1.6 - 2.8
 ⑩ = 145' - 1.2 - 2.3

SAN JUAN DIVISION LABORATORY

ANALYSIS NO. 1-9230

DATE COMPLETED 7-6-78

WELL NAME	LOCATION S T R	DATE SECURED	GAL./ DAY	PPM T.D.S.	pH	PPM CHLORIDES	PI SULF
Jones A #1A MV	10-28-8	6-20	24	7452	7.0	4320	7840
Jones A #1A PC	10-28-8	6-20	1	39	6.8	13	1000
Lughes #4A	20-29-8	6-20	54	6858	7.2	4830	1280
Day A #5A	18-29-8	6-20	38	7632	7.1	6320	2500
Day #1A	17-29-8	6-20	80	6670	7.4	6390	500
Day A #1A	17-29-8	6-20	106	7527	7.4	7170	1000
Day #3A	18-29-8	6-20	42	6913	6.7	7170	1000
Day A #2A	7-29-8	6-20	96	5887	7.6	6320	64
1 Paso #1A	20-29-9	6-17	8	9493	6.8	6745	7080
Mansfield #2A 1241-W ✓	19-30-9	6-19		1019	7.3	24	1520
Wigley #1A 1275W	6-30-9	6-19		430	7.1	20	600
Lorance #2A 1220W ✓	21-30-9	6-19		1373	7.3	16	2520
San Juan #11A 1252W ✓	11-30-10	6-19		636	6.4	24	800
Un Ray A #1A 1263W	15-30-10	6-19		210	6.2	8	600
Atlantic D Com #5A 1209W ✓	12-30-10	6-19		1493	6.6	16	3000
ernaghan #4A 1237W	30-31-8	6-19		432	7.3	12	600
ernaghan #2A 1235W	28-31-8	6-19		190	7.2	16	680
ernaghan #1A 1234W	33-31-8	6-19		571	6.9	32	800
aker 1A 1271W	31-31-9	6-19		1664	7.0	32	3520
Atlantic A #8A 1199W ✓	29-31-10	6-19		2637	7.1	152	5560
Atlantic "C" 4A 1200W ✓	31-31-10	6-19		6720	7.7	504	9800
Cott #4A 1258W	17-31-10	6-19		4506	7.0	186	7760
Brookhaven Com A-1 1212W ✓	16-31-10	6-19		3979	6.7	270	6920