

E

453

30-045-22426

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. 27 Twp 31 Rng 9

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

cps 1256w

Elevation 6160' Completion Date 6/2/78 Total Depth 320' Land Type* N/A

Casing, Sizes, Types & Depths 15' OF 8" PLASTIC PIPE

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. 55'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 280', 270', 260', 250', 240', 230', 220', 155', 145', 125'

Depths vent pipes placed: 320'

Vent pipe perforations: 230'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL & GAS
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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 6/2/78

Well Name <u>Schwerdtfeger #1A</u>		Location <u>SE 27-31-9</u>		CPS No. <u>1256 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57153-21</u>	
Anode Hole Depth <u>320' - 300' T.O.</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>280'</u>	# 2 <u>270'</u>	# 3 <u>260'</u>	# 4 <u>250'</u>	# 5 <u>240'</u>	# 6 <u>230'</u>
# 7 <u>220'</u>	# 8 <u>155'</u>	# 9 <u>145'</u>	# 10 <u>125'</u>		
Anode Output (Amps)					
# 1 <u>3.9</u>	# 2 <u>2.9</u>	# 3 <u>2.5</u>	# 4 <u>3.2</u>	# 5 <u>3.5</u>	# 6 <u>2.5</u>
# 7 <u>3.0</u>	# 8 <u>2.9</u>	# 9 <u>3.0</u>	# 10 <u>2.7</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			No. 8 C.P. Cable Used		
Volts <u>11.2V</u> Amps <u>14.5A</u> Ohms <u>.81 Ω</u>			No. 2 C.P. Cable Used		

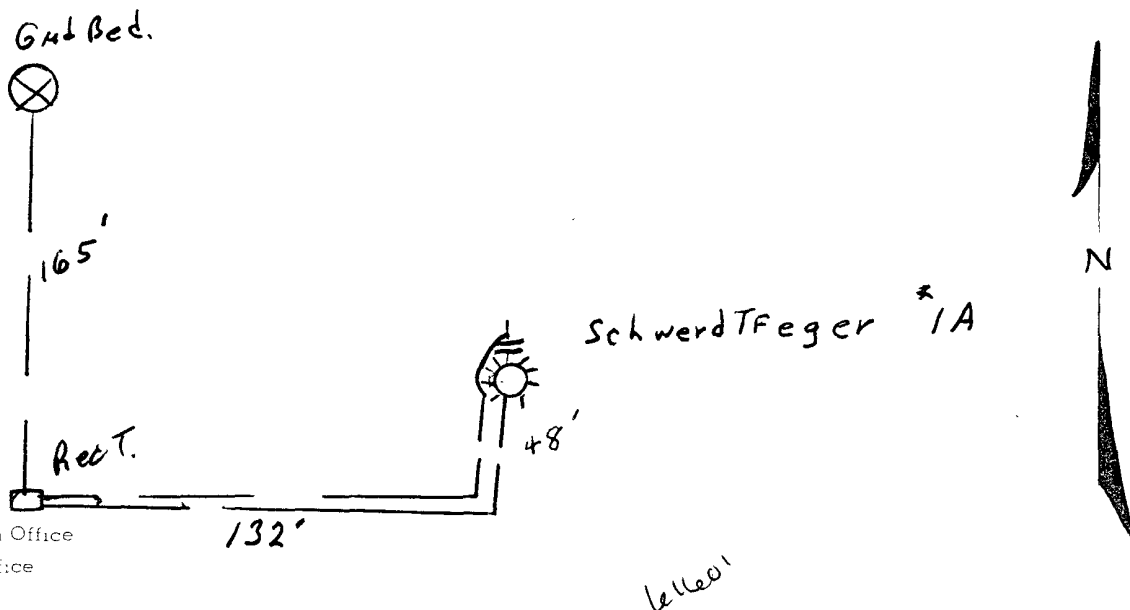
Remarks: STATIC - 600' S = .87V Driller said water AT 55' Approx,
6 GAL/MIN. Drilled To 320', WATER STANDING IN HOLE NEXT A.M. AT 9S
INSTALLED 320' of 1" R.V.C. VENT pipe, Perforated 230'.

Ditch & wire = 345'
extra wire = 180'
40/16 Rect. & Stub Pole
Hole Depth = -200'

All Construction Completed

Jo Stotts
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet. _____ of _____

Date. _____

By. _____

File. _____

Schweitzeger #1-A SE37-31-9 1256W 57153-21

280
230
230

DRILLED 3" DIA. Casing Hole @ 5' NEXT A.M.
 Water standing @ 2.5'. 6 GALS PER MIN
 PERFORATED @ 230' + 1" VENT PIPE
 INSTALLED 300' of VENT PIPE.
 INSTALLED 15' of 8" PLASTIC IN
 Top of hole.

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

50	10	1.4	
		1.3	
60	-20	1.6	(7)
		1.5	
70	-30	1.2	(6)
		1.7	
80	-40	1.9	(5)
		1.8	
90	-50	1.9	(4)
		1.6	
100	-60	1.3	(3)
		1.5	
110	-70	1.6	(2)
		2.0	
120	-80	2.3	(1)
		1.7	
130	90	1.4	
		1.4	(12)
140	100	1.0	
		1.7	
150	110	1.0	
		1.4	
160	120	1.0	
		1.0	
170	130	1.0	
		1.0	
180	140	1.0	
		1.0	
190	150	1.0	
		1.0	
200	160	1.0	
		1.0	
210	170	1.0	
		1.0	
220	180	1.0	
		1.0	
230	190	1.0	
		1.0	
240	200	1.0	
		1.0	
250	210	1.0	
		1.0	
260	220	1.0	
		1.0	
270	230	1.0	
		1.0	
280	240	1.0	
		1.0	
290	250	1.0	
		1.0	
300	260	1.0	
		1.0	
310	270	1.0	
		1.0	
320	280	1.0	
		1.0	
330	290	1.0	
		1.0	
340	300	1.0	
		1.0	
350	310	1.0	
		1.0	
360	320	1.0	
		1.0	
370	330	1.0	
		1.0	
380	340	1.0	
		1.0	
390	350	1.0	
		1.0	
400	360	1.0	
		1.0	
410	370	1.0	
		1.0	
420	380	1.0	
		1.0	
430	390	1.0	
		1.0	
440	400	1.0	
		1.0	
450	410	1.0	
		1.0	
460	420	1.0	
		1.0	
470	430	1.0	
		1.0	
480	440	1.0	
		1.0	
490	450	1.0	
		1.0	
500	460	1.0	
		1.0	
510	470	1.0	
		1.0	
520	480	1.0	
		1.0	
530	490	1.0	
		1.0	
540	500	1.0	
		1.0	
550	510	1.0	
		1.0	
560	520	1.0	
		1.0	
570	530	1.0	
		1.0	
580	540	1.0	
		1.0	
590	550	1.0	
		1.0	
600	560	1.0	
		1.0	
610	570	1.0	
		1.0	
620	580	1.0	
		1.0	
630	590	1.0	
		1.0	
640	600	1.0	
		1.0	
650	610	1.0	
		1.0	
660	620	1.0	
		1.0	
670	630	1.0	
		1.0	
680	640	1.0	
		1.0	
690	650	1.0	
		1.0	
700	660	1.0	
		1.0	
710	670	1.0	
		1.0	
720	680	1.0	
		1.0	
730	690	1.0	
		1.0	
740	700	1.0	
		1.0	
750	710	1.0	
		1.0	
760	720	1.0	
		1.0	
770	730	1.0	
		1.0	
780	740	1.0	
		1.0	
790	750	1.0	
		1.0	
800	760	1.0	
		1.0	
810	770	1.0	
		1.0	
820	780	1.0	
		1.0	
830	790	1.0	
		1.0	
840	800	1.0	
		1.0	
850	810	1.0	
		1.0	
860	820	1.0	
		1.0	
870	830	1.0	
		1.0	
880	840	1.0	
		1.0	
890	850	1.0	
		1.0	
900	860	1.0	
		1.0	
910	870	1.0	
		1.0	
920	880	1.0	
		1.0	
930	890	1.0	
		1.0	
940	900	1.0	
		1.0	
950	910	1.0	
		1.0	
960	920	1.0	
		1.0	
970	930	1.0	
		1.0	
980	940	1.0	
		1.0	
990	950	1.0	
		1.0	
1000	960	1.0	
		1.0	
1010	970	1.0	
		1.0	
1020	980	1.0	
		1.0	
1030	990	1.0	
		1.0	
1040	1000	1.0	
		1.0	
1050	1010	1.0	
		1.0	
1060	1020	1.0	
		1.0	
1070	1030	1.0	
		1.0	
1080	1040	1.0	
		1.0	
1090	1050	1.0	
		1.0	
1100	1060	1.0	
		1.0	
1110	1070	1.0	
		1.0	
1120	1080	1.0	
		1.0	
1130	1090	1.0	
		1.0	
1140	1100	1.0	
		1.0	
1150	1110	1.0	
		1.0	
1160	1120	1.0	
		1.0	
1170	1130	1.0	
		1.0	
1180	1140	1.0	
		1.0	
1190	1150	1.0	
		1.0	
1200	1160	1.0	
		1.0	
1210	1170	1.0	
		1.0	
1220	1180	1.0	
		1.0	
1230	1190	1.0	
		1.0	
1240	1200	1.0	
		1.0	
1250	1210	1.0	
		1.0	
1260	1220	1.0	
		1.0	
1270	1230	1.0	
		1.0	
1280	1240	1.0	
		1.0	
1290	1250	1.0	
		1.0	
1300	1260	1.0	
		1.0	
1310	1270	1.0	
		1.0	
1320	1280	1.0	
		1.0	
1330	1290	1.0	
		1.0	
1340	1300	1.0	
		1.0	
1350	1310	1.0	
		1.0	
1360	1320	1.0	
		1.0	
1370	1330	1.0	
		1.0	
1380	1340	1.0	
		1.0	
1390	1350	1.0	
		1.0	
1400	1360	1.0	
		1.0	
1410	1370	1.0	
		1.0	
1420	1380	1.0	
		1.0	
1430	1390	1.0	
		1.0	
1440	1400	1.0	
		1.0	
1450	1410	1.0	
		1.0	
1460	1420	1.0	
		1.0	
1470	1430	1.0	
		1.0	
1480	1440	1.0	
		1.0	
1490	1450	1.0	
		1.0	
1500	1460	1.0	
		1.0	
1510	1470	1.0	
		1.0	
1520	1480	1.0	
		1.0	
1530	1490	1.0	
		1.0	
1540	1500	1.0	
		1.0	
1550	1510	1.0	
		1.0	
1560	1520	1.0	
		1.0	
1570	1530	1.0	
		1.0	
1580	1540	1.0	
		1.0	
1590	1550	1.0	
		1.0	
1600	1560	1.0	
		1.0	
1610	1570	1.0	
		1.0	
1620	1580	1.0	
		1.0	
1630	1590	1.0	
		1.0	
1640	1600	1.0	
		1.0	
1650	1610	1.0	
		1.0	
1660	1620	1.0	
		1.0	
1670	1630	1.0	
		1.0	
1680	1640	1.0	
		1.0	
1690	1650	1.0	
		1.0	
1700	1660	1.0	
		1.0	
1710	1670	1.0	
		1.0	
1720	1680	1.0	
		1.0	
1730	1690	1.0	
		1.0	
1740	1700	1.0	
		1.0	
1750	1710	1.0	
		1.0	
1760	1720	1.0	
		1.0	
1770	1730	1.0	
		1.0	
1780	1740	1.0	
		1.0	
1790	1750	1.0	
		1.0	
1800	1760	1.0	
		1.0	
1810	1770	1.0	
		1.0	
1820	1780	1.0	
		1.0	
1830	1790	1.0	
		1.0	
1840	1800	1.0	
		1.0	
1850	1810	1.0	
		1.0	
1860	1820	1.0	
		1.0	
1870	1830	1.0	
		1.0	
1880	1840	1.0	
		1.0	
1890	1850	1.0	
		1.0	
1900	1860	1.0	
		1.0	
1910	1870	1.0	
		1.0	
1920	1880	1.0	
		1.0	
1930	1890	1.0	
		1.0	
1940	1900	1.0	
		1.0	
1950	1910	1.0	
		1.0	
1960	1920	1.0	
		1.0	
1970	1930	1.0	
		1.0	
1980	1940	1.0	
		1.0	
1990	1950	1.0	
		1.0	
2000	1960	1.0	
		1.0	
2010	1970	1.0	
		1.0	
2020	1980	1.0	
		1.0	
2030	1990	1.0	
		1.0	
2040	2000	1.0	
		1.0	
2050	2010	1.0	
		1.0	
2060	2020	1.0	
		1.0	
2070	2030	1.0	
		1.0	
2080	2040	1.0	
		1.0	
2090	2050	1.0	
		1.0	
2100	2060	1.0	
		1.0	
2110	2070	1.0	
		1.0	
2120	2080	1.0	
		1.0	
2130	2090	1.0	
		1.0	
2140	2100	1.0	
		1.0	
2150	2110	1.0	
		1.0	
2160	2120	1.0	
		1.0	
2170	2130	1.0	
		1.0	
2180	2140	1.0	
		1.0	
2190	2150	1.0	
		1.0	
2200	2160	1.0	
		1.0	
2210	2170	1.0	

DAILY DRILLING REPORT

o.p.s.
#1256W

Posely

6/2/1978

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE		
MORNING						DAYLIGHT						EVENING					
Driller						Driller						Driller					
Total Men In Crew						Total Men In Crew						Total Men In Crew					
FROM	TO	FORMATION	WT-BIT	R.P.M.		FROM	TO	FORMATION	WT-BIT	R.P.M.		FROM	TO	FORMATION	WT-BIT	R.P.M.	
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SER. NO.		STANDS				SER. NO.		STANDS				SER. NO.		STANDS			
SIZE		SINGLES				SIZE		SINGLES				SIZE		SINGLES			
TYPE		DOWN ON KELLY				TYPE		DOWN ON KELLY				TYPE		DOWN ON KELLY			
MAKE		TOTAL DEPTH				MAKE		TOTAL DEPTH				MAKE		TOTAL DEPTH			
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	WT.	Vis.				Time	WT.	Vis.				Time	WT.	Vis.			
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN			
0	5	SURFACE				115	130	Blue SHALE				290	300	Blue SHALE			
5	20	SAND & silt				130	140	SANDY SHALE				300	315	SANDY SHALE			
20	30	CLAY				140	195	Blue SHALE				315	320	Blue SHALE			
30	60	SAND				195	210	SANDY SHALE									
60	95	SHALE				210	260	Blue SHALE									
95	115	SANDY SHALE				260	290	SANDY SHALE									
REMARKS -						REMARKS -						REMARKS -					
												MADE Approximately 69AL PER MIN @ 55'					
												WATER Sample good					

SIGNED: Toolpusher

Company Supervisor