

1077

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30-039-22378

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. 34 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #56A

cps 1798w

Elevation 6512' Completion Date 10/25/85 Total Depth 330' 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. 70'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4025 lbs.

Depths anodes placed: 285', 275', 265', 255', 215', 145', 135', 120', 110', 100'

Depths vent pipes placed: 322'

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. 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 10/25/85

CPS #	Well Name, Line or Plant			Work Order # 57896.			Static			Ins Union Check -					
1798 W	S.J. 27-5 56A						.24V W.			☒ Good ☐ Bad					
Location		Anode Size		Anode Type			Size Bit								
NW 34-27-5		2" X 60"		DURION			6 3/4"								
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs Coke Used		Lost Circulation Mat'l Used			No Sacks Mud Used				
330'		322'				4025									
Anode Depth															
# 1 285	# 2 275	# 3 265	# 4 255	# 5 215	# 6 145	# 7 135	# 8 120	# 9 110	# 10 100						
Anode Output (Amps)															
# 1 3.4	# 2 4.4	# 3 3.5	# 4 3.4	# 5 2.9	# 6 3.7	# 7 3.4	# 8 3.6	# 9 5.6	# 10 5.7						
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 11.8				Amps 20.5				Ohms .58							

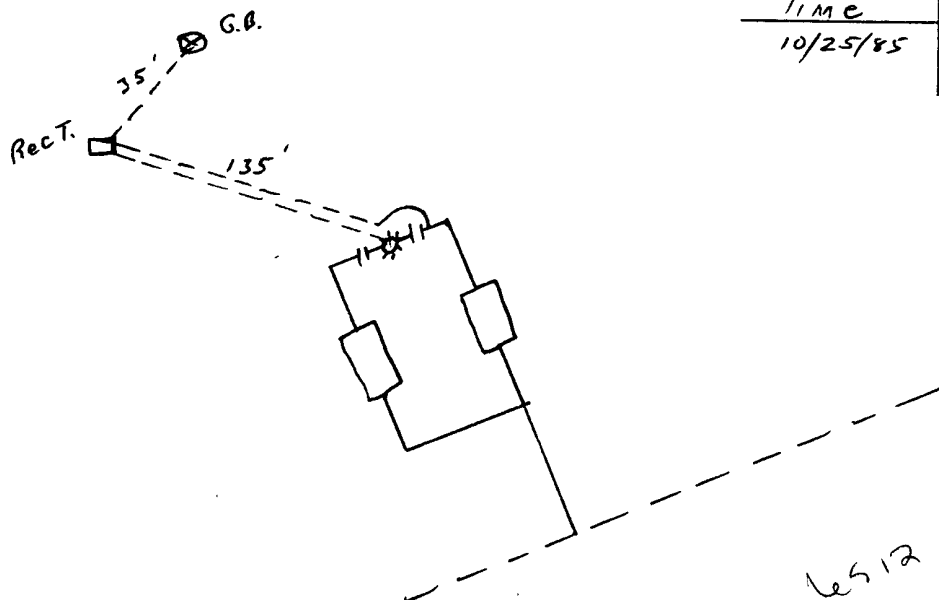
Remarks: Drilled To 200', Driller said WATER AT 70'. WATER STANDING IN HOLE NEXT A.M. AT 60'. Drilled To 330', Logged 322'. INSTALLED 322' OF 1" P.V.C. VENT PIPE PERFORATED TO 62'.

Rectifier Size: 40 V 16 A - 900.00
Addn'l Depth —
Depth Credit: 178 x 3.00 = 534
Extra Cable: 165 x .37 = 61.05
Ditch & 1 Cable: 170 x 1.35 = 229.50
25' Meter Pole: —
20' Meter Pole: —
10' Stub Pole: 1 - 400.00

All Construction Completed

JE Stoltz
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg.	O.T.
10/25/85	8	2

* 4740.00
- 534.00
61.05
229.50
900.00
400.00
300.00

\$ 6096.55

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1798W WELL NAME: S.J. 27-5 56A LOCATION: NW34-27-5 DATE: 10/25/85

TOTAL VOLTS: 11.8 TOTAL AMPS: 20.5 OHMS RESISTANCE: .58

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	.9		365			545			1	285	2.2	3.4
10			190	.7		370			550			2	275	2.5	4.4
15			195	.8		375			555			3	265	9.0	3.5
20			200	.7		380			560			4	255	2.1	3.4
25			205	.8		385			565			5	215	1.9	2.9
30			210	1.4		390			570			6	145	2.3	3.7
35			215	1.9 - ⑤		395			575			7	135	2.3	3.4
40			220	1.7		400			580			8	120	2.1	3.6
45			225	1.3		405			585			9	100	3.4	5.6
50			230	1.3		410			590			10	100	3.5	5.7
55			235	1.0		415			595						
60			240	1.0		420			600						
65			245	1.0		425			605						
70			250	2.1		430			610						
75			255	2.2 - ④		435			615						
80	1.5		260	2.1		440			620						
85	2.6		265	2.1 - ③		445			625						
90	2.3 -		270	2.1		450			630						
95	2.3		275	2.3 - ②		455			635						
100	2.2 - ⑩		280	2.9		460			640						
105	2.3		285	2.2 - ①		465			645						
110	2.2 - ⑨		290	1.7		470			650						
115	1.7		295	1.5		475			655						
120	1.7 - ⑧		300	1.9		480			660						
125	1.5		305	2.1		485			665						
130	1.4		310	1.9		490			670						
135	1.7 - ⑦		315	1.7		495			675						
140	2.1		320	322' T.D.		500			680						
145	1.9 - ⑥		325			505			685						
150	1.6		330			510			690						
155	1.4		335			515			695						
160	1.0		340			520			700						
165	.6		345			525			705						
170	1.1		350			530			710						
175	1.3		355			535			715						
180	1.2		360			540			720						

REMARKS: Drilled To 200', Driller said water at 70', water standing in hole next A.M. at 60'. Drilled to 330', Logged 322'. Installed 322' of 1" P.V.C. vent pipe, Perforated to 62'.

DAILY DRILLING REPORT

CPS 1798-W
LEASE S.J. 22-5 WELL NO. 56A CONTRACTOR _____ RIG NO. _____ REPORT NO. _____ DATE 10/25/85 1985

MORNING					DAYLIGHT					EVENING				
Driller <u>Jim C Riffel</u> Total Men In Crew <u>5</u>					Driller _____ Total Men In Crew _____					Driller _____ 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.

E NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL 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

REMARKS -	REMARKS -	REMARKS -
0-60 SAND STONE / SANDY GRAY SHALE		
60-80 WATER SAND (C WATER)		
80-200 BLUE / GRAY SHALE		
200-220 SAND STONE		
220-330 SANDY BLUE SHALE		
DRILLED 330' T.D. 332		

SIGNED: Toolpusher

Jim C Riffel

Company Supervisor