

956 #3 30-039-07220
#132 30-039-20578

E

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. 32 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #3, #132

cps 1179w

Elevation 6450' Completion Date 7/25/77 Total Depth 340' 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'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 300', 290', 280', 270', 260', 175', 165', 155', 145', 135'

Depths vent pipes placed: 305'

Vent pipe perforations: 200'

Remarks: gb #1

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.

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 7-25-77

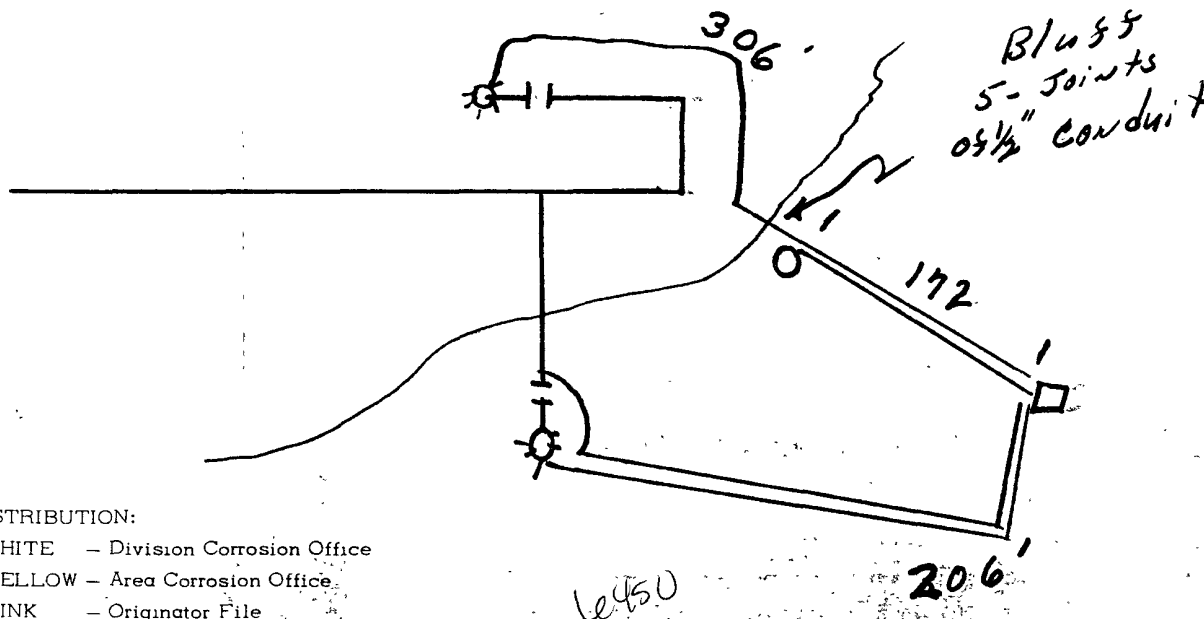
Well Name <u>SAN JUAN 28-6 UNIT #3</u>		Location <u>SW 32-28-6</u>		CPS No. <u>1179W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>#3 = 5240.6</u> <u>#132 = 2066.0</u>	
Anode Hole Depth <u>340 - 323</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>40</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 <u>300</u>	#2 <u>290</u>	#3 <u>280</u>	#4 <u>270</u>	#5 <u>260</u>	#6 <u>175</u>
#7 <u>165</u>	#8 <u>155</u>	#9 <u>145</u>	#10 <u>135</u>		
Anode Output (Amps)					
#1 <u>2.9</u>	#2 <u>3.2</u>	#3 <u>3.3</u>	#4 <u>3.0</u>	#5 <u>2.7</u>	#6 <u>3.7</u>
#7 <u>3.3</u>	#8 <u>4.6</u>	#9 <u>3.3</u>	#10 <u>3.0</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	No. 2 C.P. Cable Used
Volts <u>11.3</u>	Amps <u>14.6</u>	Ohms <u>0.77</u>			

Remarks: #3 static 600' SW = 0.78, #132 static 600' W = 0.75
DRILLER SAID MAKING WATER @ 120' . STARTED INJ. @ 120'
PER SCRATED 200' of 1" PVC Vent Pipe, Installed 305' of 1" PVC Vent P.
Slurried 40 SACKS 0.5 COKE. Installed 50' of 1/2" Rigid Conduit.
#132 MARKED 1 notch & #3 MARKED 3 notches
Installed 60V 30A Rectifier & 20' meter Loop Pole

All Construction Completed

W. L. Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

SAN JUAN 28-6 UN4# 3
SAN JUAN 28-6 UN4# 132

SW 32-38-6 1179W

52406
20665

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

STATIC #3 600' SW 0.79	DRILLED SAND MAKING WATER @ 120'
STATIC #133 600' SW 0.75	STARTED INJ. @ 120'
60V 30 A RESIST.	PERFORATED 200' OF 1" PL VENT PIPE
METER LOOP P/L	INSTALLED 305' OF 1" PL VENT PIPE
50' OF 1/2" RIGID CONDUIT	SHIPPED 40 SACKS OF COKE
100	- 70 1.7 (4)
10	- 70 1.7 (3)
20 1.1	- 70 1.7 (2)
1.2-	1.6
- 30 1.2	- 300 1.5 (1)
1.4- (10)	1.4
40 1.6	10 1.4
1.6- (9)	1.3
- 50 2.0	20
1.9- (8)	323 - 70
- 50 1.8	30
1.4- (7)	
70 1.2	3 40 DRILLED
1.9- (6)	
- 80 1.6	50
1.2	
90 1.0	60
.9	
200 .8	70
.6	
10 .5	80
.7	
20 .6	90
.3	
30 .3	400
.6	
40 .4	
.4	
50 .6	
.9	
- 60 1.3 (5)	
1.5	
	11.3V
	14.6 A
	0.77 ohms

DAILY DRILLING REPORT

LEASE		WELL NO. <u>1179W</u>		CONTRACTOR <u>Posey</u>		RIG NO.		REPORT NO.		DATE <u>7-25-</u>		19 <u>71</u>											
MORNING					DAYLIGHT					EVENING													
Driller <u>Posey</u> Total Men In Crew					Driller <u>Posey</u> Total Men In Crew					Driller <u>TP-331 1/2</u> 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.						
SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES							
TYPE		DOWN ON KELLY		TOTAL DEPTH		TYPE		DOWN ON KELLY		TOTAL DEPTH		TYPE		DOWN ON KELLY		TOTAL DEPTH							
MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD							
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.			
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN											
0	3	Surface			45	55	Sandy Shale			123	135	Shale											
3	15	Sand			55	65	Shale			135	140	Shale											
15	20	Clay			65	75	Sand			140	160	Shale											
20	30	Shale			75	85	Shale			160	165	Sand											
30	35	Sand			85	100	Sand			165	190	Sandy Shale											
35	45	Shale			100	123	Shale			190	220	Shale											
REMARKS -					REMARKS -					REMARKS -													
										220 - 230 Sand Shale													
										230 - 245 Shale													
										245 - 260 Shale, Shale													
										260 - 300 Shale													
										300 - 315 Sand Shale													
										315 - 340 Shale													
										340													

SIGNED: Toolpusher

Company Supervisor