

1259

E

30-039-21868

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. 14 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #59A

cps 1506w

Elevation 6418' Completion Date 7/15/80 Total Depth 460' 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. DAMP AT 80' WATER AT 140' TOO MUDDY
TO GET A GOOD SAMPLE.

Depths gas encountered: N/A

Type & amount of coke breeze used: 46 SACKS

Depths anodes placed: 435', 420', 400', 380', 355', 335', 315', 285', 255', 240'

Depths vent pipes placed: 450'

Vent pipe perforations: 350'

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

8 Hrs Reg
2 Hrs OT

Drilling Log (Attach Hereto) ☐

2'x6" DURIRON

Completion Date 7-15-80

Well Name: SJ 28-6 #59A		Location: NW 14-28-6		CPS No. 1506W	
Type & Size Bit Used: 6 3/4"		STATIC .86		Work Order No. 57553-21	
Anode Hole Depth: 460		Total Drilling Rig Time: 4:50 TO		Total Lbs. Coke Used: 46 BAG	
Anode Depth		Total Drilling Rig Time		Lost Circulation Mat'l Used	
# 1 435	# 2 420	# 3 400	# 4 380	# 5 355	# 6 335
# 7 315	# 8 285	# 9 255	# 10 240		
Anode Output (Amps)		Total Drilling Rig Time		Lost Circulation Mat'l Used	
# 1 3.3	# 2 3.6	# 3 3.3	# 4 3.2	# 5 2.8	# 6 3.7
# 7 3.4	# 8 2.6	# 9 3.6	# 10 3.0		
Anode Depth		Total Drilling Rig Time		Lost Circulation Mat'l Used	
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)		Total Drilling Rig Time		Lost Circulation Mat'l Used	
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance		Total Drilling Rig Time		Lost Circulation Mat'l Used	
Volts 12.1	Amps 17.2	Ohms 70			
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

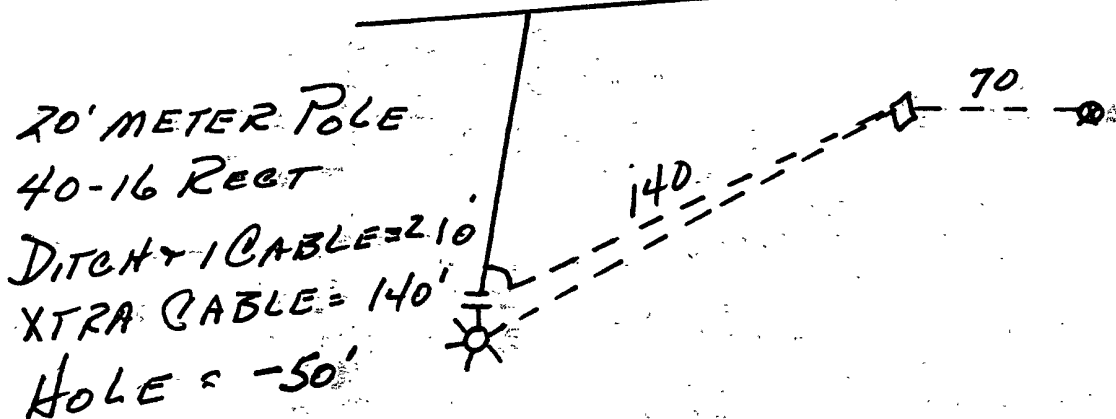
Remarks: UNION = OK DAMP AT 80' GOOD WATER
AT 140' (SAMPLE TO MUDDY) DRILLED TO
460' LOGGED TO 450'
350' 1" PERFORATED 100' 1" PLAIN

All Construction Completed

— 0 — 0 — 0 — 0 — 0 — 0 — BT

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

UNION = 076
STATIC = .86 1506 W

SJ 28-6 #59A

NW 14-28-6 MV

DAMP AT 80 GOOD WATER AT 140' (SAMPLE TO MUD)
DRILLED TO 460' logged 450'

350' Perforated Vent 100' plain

$$12.1 V / 17.2 A = .70$$

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

120										
25				5	.7		30	.9	5	2.0
30				10	.7		35	1.0 - ⑧	10	2.1
35				15	.6		40	1.6	15	2.3
40	.4			20	1.8		45	1.4	20	2.4 - ①
45	.4			25	.94		50	1.4	25	2.4
50	.5			30	.8		55	1.1	30	2.3
55	.5			35	.7		60	1.4	35	2.4 - ①
60	.5			40	1.4	⑩	65	1.4 - ①	40	2.4
65	.5			45	2.0	⑩	70	1.9	45	2.1
70	1.1			50	2.1		75	2.5	50	2.1
75	2.0			55	2.1	⑨	80	2.5	55	
80	1.6			60	2.2	⑨	85	2.2 - ①	60	
85	1.1			65	1.5		90	2.0		
90	1.0			70	1.2		95	1.9		
95	.8			75	1.1		100	1.8		
200	.8						105	1.9 - ⑤		
							110	2.0		
							115	2.1		
							120	1.9		
							125	2.3		
							130	2.1 - ①		
							135	1.8		
							140	1.9		
							145	2.4		
							150	2.3		

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

1 = 435	—	2.4	—	3.3
2 = 420	—	2.4	—	3.6
3 = 400	—	2.3	—	3.3
4 = 380	—	2.0	—	3.2
5 = 355	—	2.0	—	2.8
6 = 335	—	2.4	—	3.7
7 = 315	—	2.0	—	3.4
8 = 285	—	1.7	—	2.6
9 = 255	—	2.3	—	3.6
10 = 240	—	2.0	—	3.0

LEASE	WELL NO.	CONTRACTOR	RIG NO.	REPORT NO.	DATE
		3-C Drilling	#1		July 15 1980
MORNING	DAYLIGHT		EVENING		

MORNING

DAYLIGHT

EVENING

[illegible]

NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.
BIT	NO. DC	SIZE	LENG.	BIT NO.	NO. DC
SER. 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
	460'		

MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED	
Time		Wt.	Vis.	Time		Wt.	Vis.

[illegible]

FROM		TO		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN	
FROM	TO	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO
0	40	180	200	shale,	440	460	sandy shale		
40	80	200	240	Bentonite & shale					
80	100	240	280	sand/bentonite & shale					
100	120	280	300	sand					
120	140	300	340	sandy shale					
140	180	340	440	shale					

REMARKS -	REMARKS -	REMARKS -
	<i>putted To 100' Left Set Till</i>	

REMARKS - Drilled to 100' let set till
next AM had small amount of water
standing drilled down to 140' got
water sample, making approx. 5
gallons per minute
Total hole depth 460'
Total log depth 450'

SIGNED: Toolpusher Bruce Briggs

Company Supervisor