

1379

#27A 30-039-22226

E

#84 30-039-07053

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. 15 Twp 27 Rng 6Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #27A, #84
cps 1609wElevation 6462' Completion Date 7/14/81 Total Depth 460' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 130' SAMPLE WOULD NOT SETTLE OUTDepths gas encountered: N/AType & amount of coke breeze used: 5500 lbs.Depths anodes placed: 430', 420', 410', 400', 390', 380', 360', 345', 330', 315'Depths vent pipes placed: 452'Vent pipe perforations: 340'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) ☐

(2" x 60" Duriron)

Completion Date 7/14/81

Well Name S.J. 28-6 #27 A	Location SE 15-27-6	CPS No. 1609 W
Type & Size Bit Used 6 3/4"		Work Order No. 57849-21-50-20 53572-19-50-20
Anode Hole Depth 460 T.D. 452'	Total Drilling Rig Time	Total Lbs. Coke Used 5,500'
Anode Depth		
# 1 430'	# 2 420'	# 3 410'
# 4 400'	# 5 390'	# 6 380'
# 7 360'	# 8 345'	# 9 330'
# 10 315'		
Anode Output (Amps)		
# 1 3.2	# 2 2.9	# 3 3.1
# 4 3.4	# 5 3.3	# 6 3.0
# 7 3.3	# 8 2.9	# 9 2.7
# 10 3.3		
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 12.2	Amps 15.2	Ohms .8
		No. 2 C.P. Cable Used

Remarks: STATIC ON S.J. 28-6 #27 A 600' N = .85 V. STATIC ON S.J. 28-6 #84 600' N = .77V Unions checked OK. Driller said WATER AT 130', Approx. 1 gal./min. Drilled To 160'. Could not drill deeper without INJ. WATER standing in Hole next A.M. AT 130'. Hole making approx. 10 gal./min. AT 300'. Drilled To 460', logged 452'. INSTALLED 452' of 1" P.V.C. VENT pipe. Perforated 340'. WATER sample would not settle out COKE Breeze was hauled in Bulk. EST. 5500 LB. COKE IN Hole

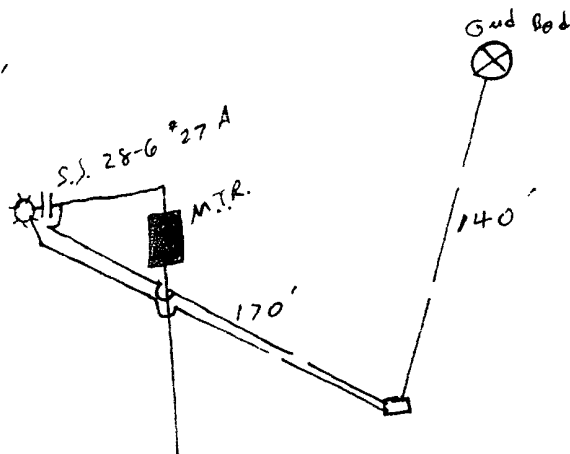
All Construction Completed

JE Stahl
(Signature)

S.J. 28-6 #84

GROUND BED LAYOUT SKETCH

Ditch + 1 cable = 310'
extra cable = 190'
60 V 30 A Rect.
STub Pole
Hole Depth - 48'



Reg. 8
O.T. 2

DISTRIBUTION

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

4442

Date: _____

By: _____

SU 28-6 * 27-A CPS * 1609 W
 SE 15 27-6 57849-21-50-20
 28-6 * 28-4 53572-19-50-20

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 17.25
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

130 -	310 - .4	Driller said water AT 130'
	1.4 - ⑩	Drilled To 160' could not
40 -	20 - 1.2	Drill Deeper with out 141.
	1.2	Water standing in Hole next
50 -	30 - 1.2 - ⑨	1.1. AT 130' Took water sample
	1.1	Hole making approx. 1 gal/min.
60 -	40 - 1.2	1.0 gal/min. AT 300' Drilled To
	1.2 - ⑧	460' Logged + 52' INSTALLED
70 - 1.1	50 - 1.1	452' of 1" P.V.C. VENT Pipe
	1.0	Installed 340'
80 - .7	60 - 1.2 - ⑦	Water sample would not
	1.2	Settle out
90 - .5	70 - .8	
	1.1	
200 - .4	80 - 1.3 - ⑥	12.2 V 15.2 A = 8.2
	1.3	7/14/81
10 - .4	90 - 1.4 - ⑤	<i>jl</i>
	1.3	
20 - .3	400 - 1.3 - ④	
	1.2	
30 - .4	10 - 1.2 - ③	1-430-2.0-3.2
	1.3	2-420-1.6-2.9
40 - .4	20 - 1.2 - ②	3-410-1.5-3.1
	1.2	4-400-1.7-3.4
50 - .4	30 - 1.4 - ①	5-390-1.7-3.3
	1.3	6-380-1.7-3.0
60 - .4	40 - 1.1	7-360-1.5-3.3
	1.3	8-345-1.6-2.9
70 - .4	50 - 1.3	9-330-1.6-2.7
	452' T.D.	10-315-2.2-3.3
80 - .7	60 - Drilled	
90 - .5		
300 - .4		

SJ 28-6th 27A 28-6th 84

CPS 1609 W'

DAILY DRILLING REPORT

LEASE WELL NO. CONTRACTOR *Stacy Drilling* RIG NO. 2 REPORT NO. DATE *July 14* 19 *81*

MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			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.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
S AL NO.		NO. DC	SIZE	LENG.	SERIAL NO.		NO. DC	SIZE	LENG.	SERIAL NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
TOTAL DEPTH					TOTAL DEPTH					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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	130	Sandy shale	420	460	Sandy shale			
130	160	Sandy shale						
160	190	Shale						
190	220	Sandy						
220	320	Sand						
320	420	Shale						

REMARKS -	REMARKS -	REMARKS -
Water 130 1 gallon Min		
300 10 gallon Min		
Drilled 460 TD 452		

SIGNED: Toolpusher

Steve Stacy

Company Supervisor