

1050

10- 30-039-07012
115- 30-039-20220
182- 30-039-20815

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 23 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #10, #115, #182

cps 1714w

Elevation 6553' Completion Date 9/26/83 Total Depth 220' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" PVC SURFACE CASING

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. 30'

Depths gas encountered: N/A

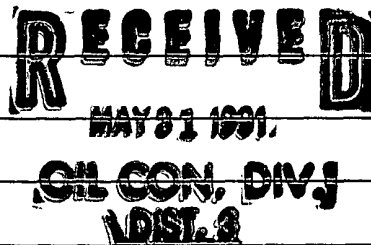
Type & amount of coke breeze used: 2010 lbs.

Depths anodes placed: 170', 160', 150', 140', 130', 120', 110', 100', 90', 70'

Depths vent pipes placed: 205'

Vent pipe perforations: 180'

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.

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto)

Completion Date 9/26/83

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check:
1714W	S.J. 27-5 #10	52706-19-50-20-64	600.5 = .77 V	☒ Good ☐ Bad
	S.J. 27-5 #115	54695-19-50-20-64	600.3 = .74 V	
	S.J. 27-5 #182	55627-21-50-20-64	600.5 = .67 V	
Location: NE 23-27-5		Anode Size: 2" x 60"	Anode Type: DURATION	Size Bit: 6 3/4"
Depth Drilled: 220'	Depth Logged: 205'	Drilling Rig Time	Total Lbs. Coke Used: Slurred 2010 LB	Lost Circulation Mat'l Used:
Anode Depth # 1 170' # 2 160' # 3 150' # 4 140' # 5 130' # 6 120' # 7 110' # 8 100' # 9 90' # 10 70'				
Anode Output (Amps) # 1 3.87 # 2 4.17 # 3 4.23 # 4 5.04 # 5 4.27 # 6 3.6 # 7 4.51 # 8 4.21 # 9 3.62 # 10 3.4				
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 12.08	Amps 15.6	Ohms .8		

Remarks: Driller said WATER AT 30', Approx 20 gal./min. Drilled To 40'. WATER STANDING IN HOLE NEXT A.M. AT 20'. TOOK WATER SAMPLE. SET 20' of 8" P.V.C. SURFACE CASING. (1 Hr. Rig Time) Drilled To 220'. Logged 205'. INSTALLED 205' of 1" P.V.C. VENT PIPE PERFORATED 180'.

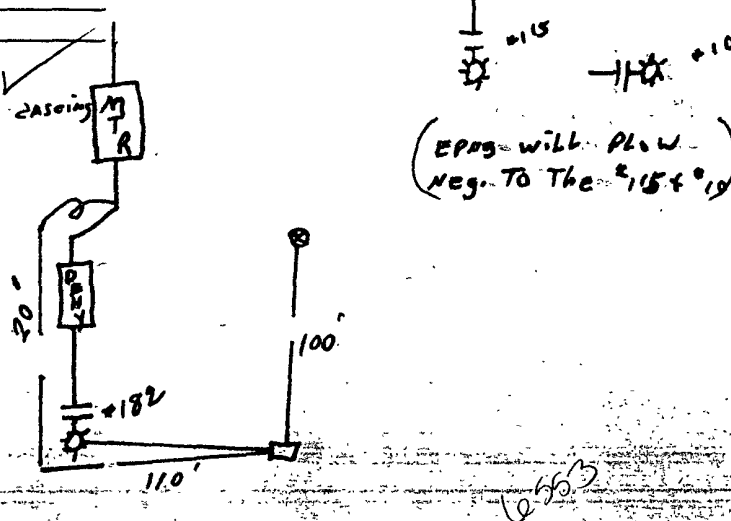
Rectifier Size: 60 V 30 A ✓
Addn'l Depth —
Depth Credit: 315' ✓
Extra Cable: 140' ✓
Ditch & 1 Cable: 230' ✓
25' Meter Pole: 1 ✓
20' Meter Pole: —
10' Stub Pole: — ✓

1 Hr. Rig Time For setting ✓
20' of 8" P.V.C. SURFACE CASING

All Construction Completed

(Signature)

GROUND BED LAYOUT, SKETCH



Time	Reg	O.T.
10 Hr.	8	2

CPS 1714 W

S.J. - 27-5 - 10

W.O. 52706-19-50-20-6

S.J. - 27-5 - 115

54695-19-50-20-6

HE 23-27-5

S.J. - 27-5 - 182

55627-21-50-30-64

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.	gats/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

20 -	190 - .55	Driller said water at 30'
	1.18	Drilled to 40', water
30 - 1.7	200 - 1.1	standing in hole next
2.64	205 - T.D.	A.M. at 20'. Took water
40 - 1.83	10 -	sample, hole making
1.6		Approx. 20 gal./min. set
50 - 1.52	20 -	20' of 8" P.V.C. surface
1.5		caseing. (1 Hr. Rig Time)
60 - 1.67		Drilled to 220', logged 205'
2.14		Installed 205' of 1" P.V.C.
70 - 2.62 - (1)		cut pipe, perforated
1.67		180'
80 - 1.75		
2.0		
90 - 2.81 - (9)		
3.4		
100 - 2.46 - (8)		
3.09		
10 - 3.34 - (7)		12.08 V. 15.6 A = .82
2.34		
20 - 2.63 - (6)		1 - 170' - 3.0 - 3.87
2.73		2 - 160' - 2.98 - 4.17
30 - 3.39 - (5)		3 - 150' - 3.38 - 4.23
3.64		4 - 140' - 3.56 - 5.04
40 - 3.63 - (4)		5 - 130' - 3.20 - 4.27
3.47		6 - 120' - 2.65 - 3.6
50 - 3.21 - (3)		7 - 110' - 3.31 - 4.51
3.32		8 - 100' - 3.05 - 4.21
60 - 2.92 - (2)		9 - 90' - 2.78 - 3.62
3.01		10 - 70' - 2.50 - 3.4
70 - 2.73 - (1)		
1.83		
80 - .97		
.61		

CPS 1714 W DAILY DRILLING REPORT

LEASE SAN JUAN

WELL NO. 3- wells

CONTRACTOR SK Drilling

RIG NO.

REPORT NO.

DATE 7-26-1983

MORNING

DAYLIGHT.

EVENING

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.					
					0	20	SAND - PRE	13"											
					20	180	SHALE	6 3/4											
					180	220	SAND												

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____
BIT NO.	NO. DC _____ SIZE _____ LENG. _____	BIT NO.	NO. DC _____ SIZE _____ LENG. _____	BIT NO.	NO. DC _____ SIZE _____ LENG. _____
SE L 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

[illegible][illegible]

REMARKS -	REMARKS -	REMARKS -
	making water 30' 20 gal minutes	
	1-hr Rig time for setting 20' of 4" PVC surface pipe	

SIGNED: Toolpusher

Billy Soudan

____ Company Supervisor

JE Stotts