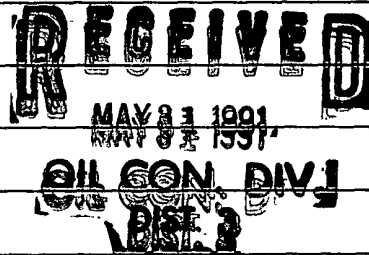


1051

116-30-039-06964
75-30-039-0694-3
120-30-039-20313

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. 23 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #16, #75, #120
cps 1713wElevation 6508' Completion Date 9/27/83 Total Depth 180' 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. 20' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: 1800 lbs.Depths anodes placed: 155', 145', 130', 120', 110', 95', 80', 70', 60', 50'Depths vent pipes placed: 180'Vent pipe perforations: 160'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: 9/27/83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check:
1713 W	S.J. 27-5 #16	52962-19-50-20-64	600'S = .92 V	☒ Good ☐ Bad
	S.J. 27-5 #75	54209-19-50-20-64	600'S = .83 V	
	S.J. 27-5 #120	54763-19-50-20-64	600'S = .87 V	
Location:	Anode Size:	Anode Type:	Size Bit:	
SW 23-27-5	2" X 60"	DURATION	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
180'	180'		slurred 1800 LB.	0
No. Sacks Mud Used: 2				
Anode Depth				
# 1 155'	# 2 145'	# 3 130'	# 4 120'	# 5 110'
# 6 95'	# 7 80'	# 8 70'	# 9 60'	# 10 50'
Anode Output (Amps)				
# 1 2.65	# 2 2.6	# 3 2.75	# 4 2.85	# 5 3.44
# 6 2.68	# 7 3.2	# 8 3.33	# 9 2.97	# 10 3.25
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 12.1 Amps 11.1 Ohms 1.1			No. 2 C.P. Cable Used	

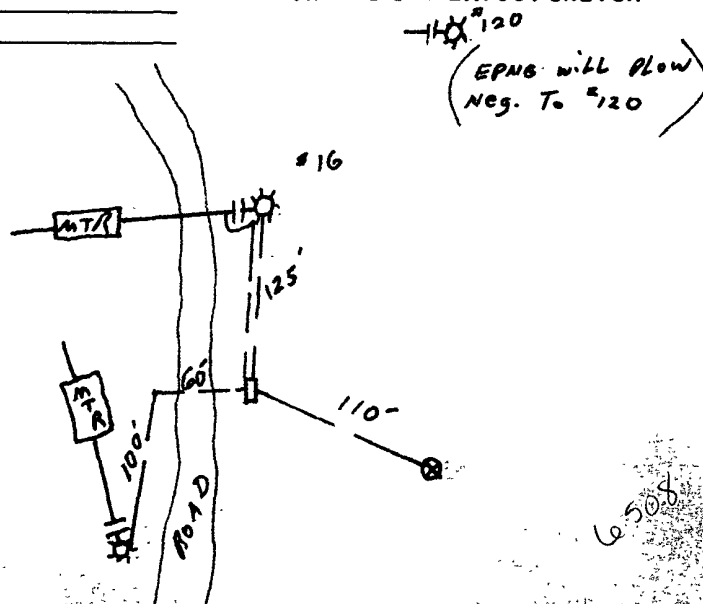
Remarks: Driller said WATER AT 20'. Approx. 20 gal/min. Drilled hole with mud. Did NOT get WATER sample. Drilled To 180', Logged 180'. Logged Hole, with hole mudded up. Flushed Hole & Loaded. INSTALLED 180' of 1" P.V.C. VENT pipe, perforated 160'.

Rectifier Size: 60 V 30 A ✓
 Addn'l Depth: _____
 Depth Credit: 320' ✓
 Extra Cable: 165' ✓
 Ditch & 1 Cable: 395' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: -
 10' Stub Pole: -

All Construction Completed

JE Little
(Signature)

GROUND BED LAYOUT SKETCH



Time	R.S.	A.T.
10Hr	8	2 ✓

N

EL PASO NATURAL GAS COMPANY

Form 7-354 (Rev 11-77)

Sheet of

Date: 9/27/83

By: [Signature]

CPS 1713 W

S.J. 27-5 16

W.O. 52962-19-50-20-64

S.J. 27-5 75

54209-19-50-20-64

SW 23-27-5

S.J. 27-5 120

54763-19-50-20-64

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	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

20 - 1.67

30 - 2.2

40 - 2.6

50 - 1.82

60 - 1.42

70 - 1.54

80 - 1.67 - (10)

90 - 1.56

100 - 1.39 - (9)

110 - 1.49

120 - 1.52 - (8)

130 - 1.66

140 - 1.47 - (7)

150 - 1.43

160 - 1.3

170 - 1.36 - (6)

180 - 1.33

190 - 1.54

200 - 2.09 - (5)

210 - 1.78

220 - 1.47 - (4)

230 - 1.27

240 - 1.47 - (3)

250 - 1.27

260 - 1.31

270 - 1.37 - (2)

280 - 1.29

290 - 1.33 - (1)

300 - 1.32

310 - 1.62

320 - 2.15

330 - 1.78

340 - 180' T.P.

DRILLER SAID WATER AT 20'
APPROX 20 GAL/MIN. DRILLED
HOLE WITH MUD, DID NOT
GET WATER SAMPLE. DRILLED
TO 180', LOGGED HOLE WITH
HOLE MUDDERED UP. FLUSHED HOLE
AND LOADED. T.P. = 1.80'.
INSTALLED 180' OF 1" P.V.C.
VENT PIPE, PERFORATED
160'.

12.1 V. 161 A. 1.1 S

1 - 155 - 1.36 - 2.65

2 - 145 - 1.41 - 2.6

3 - 130 - 1.52 - 2.75

4 - 120 - 1.52 - 2.85

5 - 110 - 2.1 - 3.44

6 - 95 - 1.4 - 2.68

7 - 80 - 1.56 - 3.2

8 - 70 - 1.58 - 3.33

9 - 60 - 1.43 - 2.97

10 - 50 - 1.7 - 3.25

CPS/713^w DAILY DRILLING REPORT
REPORT NO. DATE 9-27 1983

LEASE SAN JHN WELL NO. _____ CONTRACTOR SK Drilling RIG NO. _____ REPORT NO. _____ DATE 9-2-83

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.		FROM	TO	FORMATION	WT-BIT	R.P.M.	
						0	60	SAND	6 3/4														
						60	180	SAND TO SHALE															

	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]

REMARKS -	REMARKS -	REMARKS -
	making water 20'	
	20 gal a min	

SIGNED: Toolpusher

Company Supervisor