

13A- 30-039-21683
211- 30-039-20842
218- 30-039-21394

4989

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. 8 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #13A, #211, #218

cps 1372w

Elevation 6838' Completion Date 8/28/79 Total Depth 700' 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. 515'

Depths gas encountered: N/A

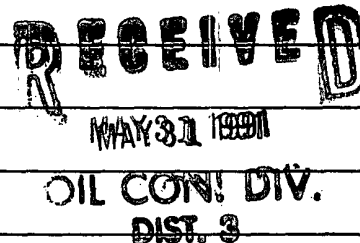
Type & amount of coke breeze used: 6800 lbs.

Depths anodes placed: 660', 650', 640', 630', 620', 610', 600', 590', 530'

Depths vent pipes placed: 700'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

CONTRACT 2

Drilling Log (Attach Hereto). ☐

Completion Date 8-28-79

Well Name 5528-6# 13A-211 & 218		Location SE 8-28-6		CPS No. 1372 W	
Type & Size Bit Used 6 3/4"		2" x 60" Duriron		Work Order No. 57384.21-55 844.21 & 57380.2	
Anode Hole Depth 700-7000	Total Drilling Rig Time	Total Lbs. Coke Used 6800	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 660	# 2 650	# 3 640	# 4 630	# 5 620
	# 6 610	# 7 600	# 8 590	# 9 560	# 10 530
Anode Output (Amps)	# 1 2.4	# 2 2.7	# 3 2.8	# 4 2.8	# 5 2.2
	# 6 2.0	# 7 2.0	# 8 2.0	# 9 1.9	# 10 1.9 ^{LAST} Bridge
Anode Depth	# 11 470	# 12 370	# 13	# 14	# 15
Anode Output (Amps)	# 11 3.0	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.8		Amps 11.6		Ohms 1.0
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: ST% #13ASW=.86, 211SE=.86, 218SW=.74

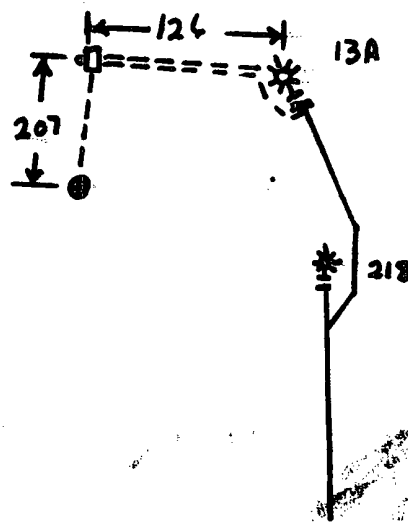
MOIST 500' to 515' MADE some water OVER NIGHT APPROX 16PM
DRILLED 700' Logged 700' installed 700' vent pipe with
200' PERFORATIONS. SLURRIED 68 SACKS OF COKE.
LOST #10 ANODE BRIDGE ABOVE ANODE

Hole depth +200
20 FT meter Loop
STUB POLE
60V 30A Rect
Ditch + cable = 233
extra cable = 151

All Construction Completed

Robert J. Balnick
(Signature)

GROUND BED LAYOUT SKETCH



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

~~meter pole~~

6838

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 8-28-79
By: RLB
File: 1372W

1372W SE 8-28-6
 5528-6#13A 57384.21 ST 1/3 SW = .86
 " 211 55844.21 ST 1/3 SE = .86
 " 218 57130.21 ST 1/3 SW = .74

8-28-79-10hrs

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

500 .4
 5 .4
 10 .3
 15 .9
 20 1.7
 25 2.1
 30 1.4 -10
 35 .5
 40 .5
 45 .5
 50 .7
 55 .8
 60 1.1 -a
 65 .8
 70 .8
 75 .8
 80 .9
 85 .9
 90 1.0 -b
 95 1.3
 100 1.1 -1
 5 1.2
 10 1.2 -b
 15 1.1
 20 1.2 -5
 25 1.1
 30 1.5 -4
 35 1.1
 40 1.6 -3
 45 1.7
 50 1.6 -2
 55 1.5
 60 1.4 -1
 65 1.5
 70 1.8
 75 1.9
 80 1.6
 85 1.4
 90 1.2
 95 .9
 100 .8

moist 500 to 515 FT MADE
 some water over night drilled
 700 FT logged 700 FT
 700 FT vent pipe 200 FT
 PERFORATE
 Lost #10 ANODE BRIDGED ABOVE
 ANODE
 68 SACKS OF COKE

Hole depth = +200
 20 FT Meter Loop
 stub Pole
 60030A Rect
 Pitch + cable = 233
 EXTRA CABLE = 151
 (includes 25 FT hookup)

Need to plow Negs to
 211 + 218

1-660 - 1.6 - 2.4
 2-650 - 1.9 - 2.7
 3-640 - 1.9 - 2.8
 4-630 - 1.8 - 2.8
 5-620 - 1.3 - 2.2
 6-610 - 1.3 - 2.0
 7-600 - 1.3 - 2.0
 8-590 - 1.3 - 2.0
 9-560 - 1.1 - 1.9
 10-530 - 2.4 - Lost ANODE .14
 11-470 - 2.0 - 3.0
 11.8 V 11.2 A = 1.0 ohms

126
107

C.P.S. # 1372W

Contract # 2

DAILY DRILLING REPORT

LEASE C.P.S. # 1372W WELL NO. CONTRACTOR O'Brian RIG NO. 1 REPORT NO. DATE Aug 28 1977 EVENING

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.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.					
BIT NO.					NO. DC					NO. DC					NO. DC					NO. DC					NO. DC				
SER. NO.					SIZE					SIZE					SIZE					SIZE					SIZE				
TYPE					STANDS					STANDS					STANDS					STANDS					STANDS				
MAKE					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY				
MUD RECORD					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				
TIME					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED				
FROM					TIME					TIME					TIME					TIME					TIME				
TO					Wt.					Wt.					Wt.					Wt.					Wt.				
87					420					420					420					420					420				
105					445					445					445					445					445				
145					480					480					480					480					480				
195					515					515					515					515					515				
210					530					530					530					530					530				
235					630					630					630					630					630				
285					700					700					700					700					700				
345					390					390					390					390					390				
REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -				