

985

30-039-21629

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 NW Sec. 18 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #76A

cps 1408w

Elevation 6836' Completion Date 8/13/79 Total Depth 495' 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. 60' - 70' & 150' - 180' TOO MUDDY FOR SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 56 SACKS

Depths anodes placed: 465', 450', 435', 420', 405', 390', 375', 360', 345', 310'

Depths vent pipes placed: 500'

Vent pipe perforations: 450'

Remarks: gb #1

RECEIVED
MAY 31 1991
ON. DIV. 1
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 Day
3 Hrs OT

CONTRACT #2

Drilling Log (Attach Hereto). ☐

2" x 60" DURIRON

Completion Date 8-13-79

Well Name SJ 29-7-76A		Location NW 18-29-7		CPS No. 1408 W	
Type & Size Bit Used 6 3/4"		STATIC = .88		Work Order No. 51347-21	
Anode Hole Depth 495'	Total Drilling Rig Time	Total Lbs. Coke Used 56 BAGS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 465	# 2 450	# 3 435	# 4 420	# 5 405	# 6 390
# 7 375	# 8 360	# 9 345	# 10 310		
Anode Output (Amps)					
# 1 2.9	# 2 2.8	# 3 2.4	# 4 2.2	# 5 3.1	# 6 2.9
# 7 3.7	# 8 3.6	# 9 2.9	# 10 3.8		
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: 11.7		Amps: 14.2		Ohms: .82	
				No. 2 C.P. Cable Used	

Remarks:

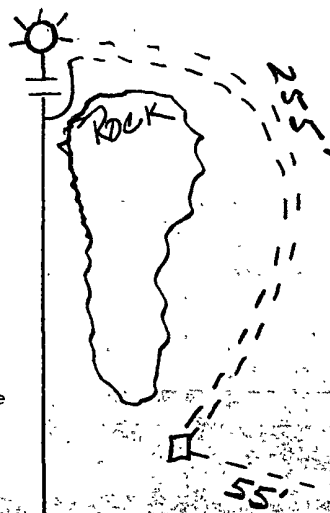
Driller advised lamp at 60 to 75' & 150 - 180' to muddy for sample. Guesstimates 1 to 2 gal per minute from each zone. Drilled to 500. Loged 495' 500' 1" PVC vent perforated 450'

All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH

STUB POLE
40/16 RECT
DITCH + 1 CABLE 310'
EXTRA CABLE 275'
HOLE = - 5'



DISTRIBUTION:

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

310

STATIC = .88 / 1408 W
 SJ 29-7 # 76A NW 18-29-7

57347-2

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

Driller advised damp from 60' to 75' & 150' to 180' to muddy for samples. Suspect 1+2 gas perme from each sand. Drilled to 500 logged 495

500' 1" PVC dent pipe perforated 450'
 TD 495'

200 .5

11.7 V 14.2 A = .82 W

5 .4

5 .9

5 1.9 - (3)

10 .4

10 1.9 - (10)

10 1.5 - (3)

15 .3

15 1.9

15 1.5

20 .9

20 1.0

20 1.3 - (4)

25 1.5

25 .9

25 1.2

30 1.3

30 .6

30 1.1

35 .8

35 .6

35 1.1 - (3)

40 1.1

40 1.6

40 1.4

45 1.5

45 1.7 - (9)

45 1.6

50 1.5

50 1.7

50 1.6 - (2)

55 1.2

55 1.7

55 1.6

60 .9

60 1.9 - (8)

60 1.6

65 .7

65 1.6

65 1.7 - (1)

70 .5

70 1.6

70 1.6

75 .4

75 1.8 - (7)

75 1.5

80 .4

80 1.9

80 1.5

85 .4

85 1.8

85 1.5

90 .4

90 1.5 - (6)

90 1.5

95 .4

95 1.5

95 1.5

300 1.5

400 1.8

500

1 = 465

2.1

2.9

2 = 450

2.1

2.8

3 = 435

1.7

2.4

4 = 420

1.5

2.2

5 = 405

2.2

3.1

6 = 390

1.8

2.9

7 = 375

2.3

3.7

8 = 360

2.2

3.6

9 = 345

2.1

2.9

10 = 310

2.7

3.8

DAILY DRILLING REPORT

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE		
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.			
SERIAL 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			
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.			
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN			
0	7	mud				280	295	sand shale									
7	25	sand stone				295	305	sand									
25	60	shale				305	330	shale									
60	75	sand wet making water				330	340	sand stone									
75	90	shale				340	380	shale									
90	120	sand wet				380	415	sandy shale									
REMARKS -						REMARKS -						REMARKS -					
120-150 shale						415-420 sand stone						1-2 gal min					
150-180 sand wet making water						420-485 sandy shale											
180-200 shale						485-500 sand											
200-215 sandy shale																	
215-245 shale																	
245-255 sandy shale																	
255-265 sand																	
265-280 shale																	

SIGNED: Toolpusher

____ Company Supervisor