

30-039-21622

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. 4 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #82A

cps 141lw

Elevation 6192' Completion Date 9/11/79 Total Depth 515' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" 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. 190' - 220' & 270' - 280'

SAMPLE TAKEN

Depths gas encountered: N/A

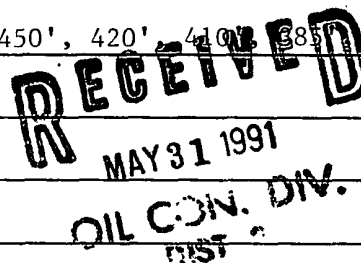
Type & amount of coke breeze used: 42 SACKS

Depths anodes placed: 495', 485', 475', 460', 450', 420', 410', 385', 325', 315'

Depths vent pipes placed: 520'

Vent pipe perforations: 380'

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). ☐

2" x 60" DURIRON

Completion Date 9-11-79

Well Name SJ 29-7 #82A		Location SE 4-29-7		CPS No. 1411 W	
Type & Size Bit Used 6 3/4"		STATIC = 92		Work Order No. 57355-21	
Anode Hole Depth 515'	Total Drilling Rig Time	Total Lbs. Coke Used 42 BAGS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 495	# 2 485	# 3 475	# 4 460	# 5 450
Anode Output (Amps)	# 1 3.6	# 2 3.7	# 3 3.7	# 4 2.5	# 5 3.5
Anode Depth	# 6 420	# 7 410	# 8 385	# 9 325	# 10 315
Anode Output (Amps)	# 6 2.2	# 7 2.6	# 8 2.6	# 9 2.6	# 10 2.8
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.9		Amps 12.6		Ohms .94
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: SET 20' 8" CASING. 1 1/2 hr rig time to set.
Small amount water 190-220. Good water
270-280' (Sample) Gushwater 25-30 gal per
minute. 520' 1" PVC Vent pipe 380' perfor

All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH

STUB POLE
40116 REET
DITCH + 1 CABLE = 300'
EXTRA CABLE = 265'
HOLE = +15'

DISTRIBUTION:

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



6 Hrs reg 9-11-77
 8 Hrs reg 8-11-77
 Date: 9-11-77
 By: BT
 File: BT

STATIC = .92 1411 W

SJ 29-7 #82A SE 4-29-7

57355-21

 Set 20' - 8" Plastic pipe. 1 1/2 hrs rig time. Small amount water 190' - 220' Good water 270' - 280' Pump
 Estimate 25-30 gal per minute.

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

Drilled 520 Logged 51

11.9 V 12.6 A = .94

520' 1" PVC Vent pipe 380' perforated

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

Water

200	2.0	300	400
5	2.1	5	.95
10	1.8	10	.98
15	1.7	15	1.4 - (10)
20	1.6	20	1.3
25	1.5	25	1.2 - (9)
30	1.7	30	1.2
35	2.0	35	1.2
40	2.3	40	.98
45	2.3	45	.81
50	1.6	50	.8
55	.8	55	.7
60	.8	60	.5
65	.8	65	.5
70	.6	70	.5
75	.6	75	.5
80	.6	80	.6
85	.7	85	1.6 - (8)
90	.7	90	1.4
95	.8	95	.90
300	.98	400	.8

1 =	495	1.8	3.6
2 =	485	1.7	3.7
3 =	475	1.9	3.7
4 =	460	1.3	2.5
5 =	450	2.0	3.5
6 =	420	1.1	2.2
7 =	410	1.2	2.6
8 =	385	1.5	2.6
9 =	325	1.4	2.6
10 =	315	1.5	2.8

5	1.7
10	1.8
15	
20	

— TJ

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9814 Date 2-6-80

Operator El Paso Natural Gas Well Name San Juan 29-7 #82A

Location SE 4-29-7 County Rio Arriba State New Mexico

Field _____ Formation _____

Sampled From CPS 1411-W

Date Sampled _____ By _____

Tbg. Press. _____	Csg. Press. _____	Surface Csg. Press. _____
ppm	epm	ppm epm

Sodium <u>79</u>	Chloride <u>12</u>	
3	.3	

Calcium <u>483</u>	Bicarbonate <u>122</u>	
24	2	

Magnesium <u>22</u>	Sulfate <u>1300</u>	
2	27	

Iron _____	Carbonate <u>0</u>	
	0	

H ₂ S Absent	Hydroxide <u>0</u>	
	0	

cc: D.C.Adams
R.A.Ullrich
E.R.Paulek
J.W.McCarthy
A.M.Smith
W.B.Shropshire
File
C. B. O'Nan
280 Ft.
Silty

Total Solids Dissolved 2696

pH 7.6

Sp. Gr. 1.0100 at 60°F

Resistivity 333 ohm-cm at 77 °F

Joe Barnett
Chemist 615

