

989

E

30-039-21624

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. 6 Twp 29 Rng 7
Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #88A
cps 1412w
Elevation 6176' Completion Date 8/19/79 Total Depth 445' 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. 110', 220' - 240' SAMPLE TAKEN
Depths gas encountered: N/A
Type & amount of coke breeze used: 36 SACKS
Depths anodes placed: 425', 410', 400', 390', 380', 370', 350', 335', 320'
Depths vent pipes placed: 460'
Vent pipe perforations: 300'
Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.

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" DNR IRON

Completion Date 8-29-79

Well Name SJ 29-7 #88A		Location NW 6-29-7		CPS No. 1412W	
Type & Size Bit Used 6 3/4"		STATIC = .93		Work Order No. 57356-21	
Anode Hole Depth 445'	Total Drilling Rig Time	Total Lbs. Coke Used 36 BAGS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 425	# 2 410	# 3 400	# 4 390	# 5 380
	# 6 370	# 7 360	# 8 350	# 9 335	# 10 320
Anode Output (Amps)	# 1 2.2	# 2 2.6	# 3 3.1	# 4 2.8	# 5 2.8
	# 6 2.8	# 7 2.5	# 8 2.8	# 9 2.2	# 10 2.0
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	Volts 12.0		Amps 12.0		Ohms 1.0
No. 2 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: Driller advised well at 110' Good water sand at 220' - 240' 25-30 gal per minute. Did not inject any water. 460' 1" PVC vent pipe 300' perforated.

STUB POLE

40/16 REET

DITCH + 1 CABLE = 190'

EXTRA CABLE = 185'

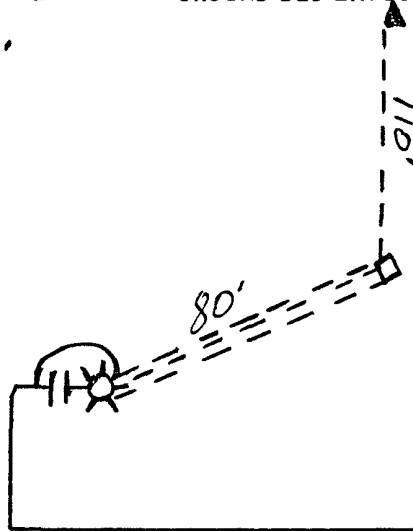
HOLE = -55'

All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6174

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

CD # 1412 W

LEASE _____ WELL NO. _____ CONTRACTOR Rosy RIG NO. _____ REPORT NO. _____ DATE 8-29 1979

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. _____
SER. NO. _____		NO. DC _____ SIZE _____ LENG. _____	SER. NO. _____		NO. DC _____ SIZE _____ LENG. _____	SER. NO. _____		NO. DC _____ SIZE _____ LENG. _____
SIZE _____		STANDS _____	SIZE _____		STANDS _____	SIZE _____		STANDS _____
TYPE _____		SINGLES _____	TYPE _____		SINGLES _____	TYPE _____		SINGLES _____
MAKE _____		DOWN ON KELLY _____	MAKE _____		DOWN ON KELLY _____	MAKE _____		DOWN ON KELLY _____
TOTAL DEPTH _____		MAKE _____	TOTAL DEPTH _____		MAKE _____	TOTAL DEPTH _____		MAKE _____

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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	5	Surface				240	250	Shale
5	45	Sandy Stone				250	255	Sand
45	55	Shale				255	265	Shale
55	70	Sand				265	405	Sandy shale
70	75	Shale				405	460	Sand Stone
75	80	Sand wet						

REMARKS -	REMARKS -	REMARKS -
80-90 Shale		
90-100 Sand wet		
100-165 Shale		
165-175 Sand wet		
175-210 Shale		
210-220 Shale		
220-240 Sand wet making water 25-30 gal min		

SIGNED: Toolpusher

Rosy

Company Supervisor

8 hrs
 Date: 8-79
 By: BT
 File:

 STATIC = 93 1412W
 SJ 29-7 # 88A NW6-29-7 57356-2

 Driller advised wet at 110'. Good water
 sand at 220'-240'. 25-30 gal per
 did not inject any water.
 460' 1" PVC vent pipe 300' perforated
 Drilled to 460' logged 445'

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

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

200			11.9 V 12.0 A = 1.0 Ω		
5	80	7	55	1.7	
10	85	.8	60	1.7	⑦
15	90	.8	65	1.4	
20	95	.8	70	1.5	⑥
25	300	.7	75	1.6	
30	5	.7	80	1.6	⑤
35	10	1.2	85	1.8	
40	15	1.5	90	1.6	④
45	20	1.3	95	1.5	
50	25	1.3	400	1.6	③
55	30	1.0	5	1.6	
60	35	1.3	10	1.8	②
65	40	1.3	15	1.8	
70	45	1.4	20	1.5	
75	50	1.6	25	1.4	①
			30	1.3	
			35	.3	
			40	.4	
			45		TD
			50		
			55		
			60		
1 =	425	1.7	2.2		
2 =	410	1.8	2.6		
3 =	400	2.2	3.1		
4 =	390	2.0	2.8		
5 =	380	2.1	2.8		
6 =	370	2.1	2.8		
7 =	360	1.8	2.5		
8 =	350	2.2	2.8		
9 =	335	1.5	2.2		
10 =	320	1.4	2.0		

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

Analysis No. 1-9749 Date 10-24-79

Operator EPNG Well Name San Juan 29-7 # 88 A

Location NW 6-29-7 County Rio Arriba State N.M.

Field _____ Formation _____

Sampled From 1412 W

Date Sampled _____ By _____

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

Sodium <u>146</u>	<u>6</u>	Chloride <u>16</u>	<u>.5</u>
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Calcium <u>556</u>	<u>28</u>	Bicarbonate <u>249</u>	<u>4.</u>
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Magnesium <u>32</u>	<u>3</u>	Sulfate <u>1550</u>	<u>32</u>
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Iron <u>Present</u>		Carbonate <u>0</u>	<u>0</u>
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H ₂ S <u>Absent</u>		Hydroxide <u>0</u>	<u>0</u>
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cc: D.C.Adams
R.A.Ullrich
E.R.Paulek
J.W.McCarthy
A.M.Smith
W.B.Shropshire
File
C. B. O'Nan

Total Solids Dissolved 2624

pH 7.6

Sp. Gr. 1.0021 at 60°F

Resistivity 333 ohm-cm at 77 °F

240 Ft.

C. J. K. L. M. S.
Chemist

