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30-639-22211

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. 7 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #88A

cps 1629w

Elevation 6451 Completion Date 9/1/81 Total Depth 420' 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' - 150' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 385', 325', 275', 265', 255', 247', 240', 195', 180', 170'

Depths vent pipes placed: 420'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED

MAY 31 1981

OIL CON.
POST-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

Drilling Log (Attach Hereto) ☐

Well Name: 55 30-6 #88A		Location: NW- 7-30-6		Completion Date: 9-1-81	
Type & Size Bit Used: Union - OK		CPS No. 1629-W		Work Order No. 57869-21-50	
Anode Hole Depth: 420 Log 415		Total Drilling Rig Time		Total Lbs. Coke Used	
Anode Depth: 385		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Output (Amps)		Anode Depth		Anode Output (Amps)	
#1 229	#2 214	#3 247	#4 241	#5 248	#6 241
#7 227	#8 215	#9 352	#10 300	#11	#12
Total Circuit Resistance		Total Circuit Resistance		Total Circuit Resistance	
Volts 13.1	Amps 11.9	Ohms 1.10			
No. 8 C.P. Cable Used		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: **WET 110 TO 150' DRILLED TO 160' SET OVER NIGHT. BLOW SAMPLE NEXT AM. 120' 1" PLAIN VENT PIPE BALANCE PERFORATED 415' TD**

GROUND BED LAYOUT SKETCH

GROUND BED
All Construction Completed

200'

120'

40-16 ✓
RECT. ✓
STUB POLE ✓

(Signature)

DITCH + 1 CABLE = 320' ✓
XTRA CABLE = 140' ✓
HOLE = -85' ✓

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

TIME REC. OF
9-1 8 31

SJ36-6 #88A

RIG NO.

REPORT NO.

DATE _____

1981

[illegible]

SIGNED: Toolpusher

Company Supervisor

SS 30-6 #89A

1629W

57869-21-50

NW 7-30-6

 WET 110' TO 150' SET OVER NIGHT AT 160'
 BLOW SAMPLE NEXT A.M.

120' 1" PLAIN VENT PIPE BALANCE PERFORATED

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 420' LOG 415'

65 .41	SS 1.33	SS .50
70 1.50	60 1.06	60 .49
75 1.49	65 .92	65 .39
80 1.67	70 1.16	70 .89
85 1.83	75 1.07	75 .79
90 1.65	80 .79	80 .91
95 1.17	85 .56	85 .89 - 1
200 .29	90 .21	90 1.04
5 .17	95 .16	95 .66
10 .17	300 .14	400 .37
15 .23	5 .30	5 .27
20 .31	10 .75	10 .23
25 .69	15 .90	15 .22 — TD
30 .73	20 .75	20
35 .48	25 .96 - 2	25
40 1.16	30 1.08	30
45 1.07	35 .66	35
50 1.03	40 .41	40
	45 .41	45
	50 .44	50

1 = 385'	104	229
2 = 325'	114	214
3 = 275'	110	247
4 = 265'	101	241
5 = 255'	111	248
6 = 247'	115	241
7 = 240'	107	227
8 = 195'	138	275
9 = 180'	170	352
10 = 170'	160	300

13.1 VOLTS

11.9 Amps

1.10 Ω

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

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

Analysis No. 1-10329 Date 9-21-81

Operator El Paso Natural Gas Well Name San Juan 30-6 #88A CPS #1629W

Location NW 7-30-6 County San Juan State New Mexico

Field Blanco Formation _____

Sampled From 150'

Date Sampled 9-1-81 By B.T.

Tbg. Press. _____	Csg. _____	Surface Csg. Press. _____
Sodium <u>106</u> ppm	<u>4.6</u> epm	Chloride <u>18</u> ppm
Calcium <u>28</u>	<u>1.4</u>	Bicarbonate <u>200</u>
Magnesium <u>4</u>	<u>0.3</u>	Sulfate <u>122</u>
Iron _____	Carbonate <u>0</u>	Hydroxide <u>0</u>
H ₂ S _____	Total Solids Dissolved <u>432</u>	pH <u>8.0</u>
cc: R. A. Ullrich	Sp. Gr. <u>0.9965</u>	At <u>60°F</u>
E. R. Paulek	Resistivity <u>1,667</u> ohm-cm at <u>75 °F</u>	
J. W. McCarthy		
J. D. Evans		
W. B. Shropshire		
D. C. Adams		
File		

Joe P. Barnett & Dennis P. Bird
Chemist

