

1194 #37A 30-039-23951

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit C Sec. 12 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #37A

cps 1894w

Elevation 6369' Completion Date 6/16/89 Total Depth 500' 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. 180' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 465', 455', 445', 425', 375', 365', 285', 275', 265', 180'

Depths vent pipes placed: N/A

Vent pipe perforations: 360'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
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.

7-17-87
Crap

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

g Log (Attach Hereto) ☐

Measurement meter code: 9569001

Completion Date 6-16-87

Well Name, Line or Plant: 1894 S.J. 29-7 #37A		Work Order # A 6891		Static: .81 S		Ins Union Check ☒ Good ☐ Bad																																																																																																											
Anode Size 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4																																																																																																													
Depth Drilled 500	Depth Logged 477	Drilling Rig Time 7 hrs	Total Lbs Goke Used	Lost Circulation Mat'l Used	No Sacks Mud Used																																																																																																												
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Remarks: Driller said water was at 180'. Went
pipe is perforated up to 140'.

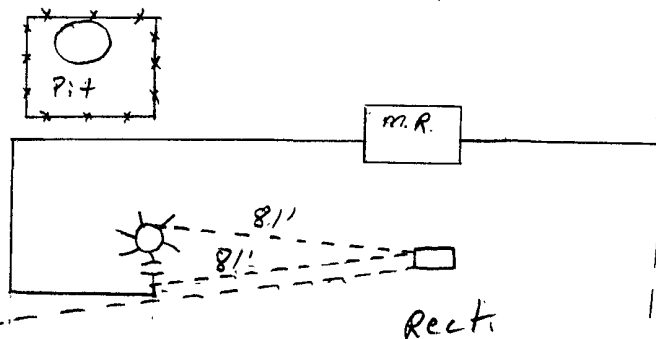
Rectifier Size: 40 V 16 A
Addn'l Depth: _____
Depth Credit: 23' - 97.50
Extra Cable: 192' - 48.00
Ditch & 1 Cable: 250' - 97.50
25' Meter Pole: _____
20' Meter Pole: _____
10' Stub Pole: ☒

4300.00

All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH



4300
- 92

4208
48
97.50

4353.50
217.68 TAX

4571.18
250'

5558.18

G.B.

6309

CPS 1894 W

COMPANY Meridian Oil **DAILY DRILLING REPORT** June 15, 1987

DESCRIPTION OF FORMATION

REMARKS:

Dean E. Burge

Driller

Tool Dresser

BURGL CORROSION SYSTEMS, C.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 6-16-81

Company Meridian O.I.

Well No. SJ29-7*37R

Location _____

Volts Applied 12.23

Amperes 15.

5				230	.5			455	1.8 ✓ (2)	680	(1) 4 6 5 2 2 3 4
10				235	1.0			460	1.9	685	(2) 4 5 5 2 0 3 5
15				240	1.0			465	1.8 ✓ (1)	690	(3) 4 4 5 1 5 2 8
20				245	.8			470	1.9	695	(4) 4 2 5 2 5 3 2
25				250	.8			475	TD 477	700	(5) 3 7 5 1 7 2 0
30				255	.6			480		705	(6) 3 6 5 1 3 2 0
35				260	.7			485		710	(7) 2 8 5 1 4 2 0
40				265	1.6 ✓	(7)		490		715	(8) 2 7 5 1 5 2 7
45				270	1.6			495		720	(9) 2 6 5 2 1 2 2
50				275	1.3 ✓	(8)		500		725	(10) 1 8 0 2 2 3 5
55				280	1.3			505		730	
60				285	1.2 ✓	(1)		510		735	
65				290	.7			515		740	
70				295	.5			520		745	
75				300	.4			525		750	
80				305	.6			530		755	
85				310	.6			535		760	
90				315	.5			540		765	
95				320	.5			545		770	
100				325	.7			550		775	
105				330	.6			555		780	
110				335	.5			560		785	
115				340	.6			565		790	
120				345	.6			570		795	
125				350	.6			575		800	
130				355	.6			580		805	
135				360	.8			585		810	
140				365	1.1 ✓	(6)		590		815	
145				370	1.3			595		820	
150				375	1.3 ✓	(5)		600		825	
155				380	.9			605		830	
160				385	.7			610		835	
165				390	.5			615		840	
170				395	.5			620		845	
175				400	.5			625		850	
180	2.4 ✓	(10)		405	.6			630		855	
185	1.5			410	.8			635		860	
190	1.1			415	.6			640		865	
195	.9			420	.6			645		870	
200	.7			425	1.8 ✓	(4)		650		875	
205	.7			430	1.4			655		880	
210	.7			435	.9			660		885	
215	.7			440	.8			665		890	
220	.8			445	1.4 ✓	(5)		670		895	
225	.6			450	1.6			675		900	

CPS 1894W

API WATER ANALYSIS REPORT FORM

Company <u>Membran Oil Co.</u>		Sample No. <u>1</u>	Date Sampled <u>6/16/87</u>
Field <u>Johnador</u>	Legal Description <u>C-12-29-07</u>	County or Parish <u>Pierson</u>	State <u>NM</u>
Lease or Unit	Well <u>San Juan 29-7 #37A</u>	Depth <u>500'</u>	Formation <u>Frank Bed</u>
Type of Water (Produced, Supply, etc.)	Sampling Point <u>180'</u>	Water, B/D	
		Sampled By <u>Randy Smith</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	1080	47.1
Calcium, Ca	32.0	1.6
Magnesium, Mg	0	0
Barium, Ba		

ANIONS

Chloride, Cl	287	8.1
Sulfate, SO ₄	1820	37.0
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	219	3.6
<u>hydroxide</u>	0	0

Total Dissolved Solids (calc.) 3440Iron, Fe (total) _____
Sulfide, as H₂S 0

REMARKS & RECOMMENDATIONS:

Analysis difficult due to high mud content.

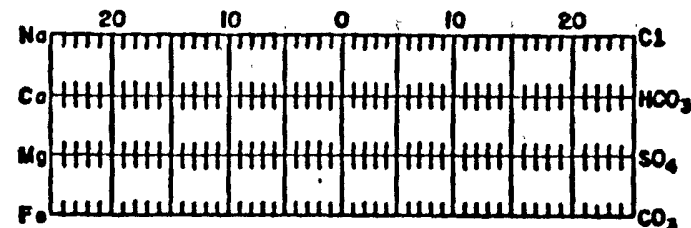
Values $\pm 10\%$

OTHER PROPERTIES

pH 7.82
Specific Gravity, 60/60 F. 1.0045
Resistivity, (ohm-meters) 680 F. 3.12conductivity $3.29 \times 10^3 \mu\text{mho}$

WATER PATTERNS — me/l

STANDARD



LOGARITHMIC

