

14-30-045-10958
258-30-045-27961

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

34nd

Operator Meridian Oil Inc. ^{34nd} Location: Unit A Sec. 9 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced S.T. 32-9 #14 & S.T.

32-9 #258

Elevation 666 Completion Date 6-25-91 Total Depth 400' Land Type F

Casing Strings, Sizes, Types & Depths 100' 8" P.O.C.

If Casing Strings are cemented, show amounts & types used 20 Sacks
of neat cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 130' clear water and 205' -
clear water

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 400' with
Loresco - 500 - 60 sacks

Depths anodes placed: #1 at 375' - #12 at 140'

Depths vent pipes placed: 400'

Vent pipe perforations: 300' from bottom

Remarks: _____

RECEIVED

FEB 24 1992

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.

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 348-W	P/L NAME(s), NUMBER(s) S.J 32-9 #14, #258					
* 184	TOTAL	VOLTS 12.17	AMPS 19.5	- OHMS .63	DATE 6-25	NAME Lonny Smith

REMARKS (notes for construction log)

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	1.9		295	2.9	6	490			685			
105	3.5		300	3.0		495			690			
110	2.9		305	2.7	5	500			695			
115	1.7		310	2.8		505			700			
120	1.0		315	3.1	4	510			ANODE	DEPTH	NO	FULLY
125	1.1		320	3.5		515			*		COKE	COKE'D
130	2.2		325	1.6		520			1	375	2.8	4.3
135	2.7		330	1.1		525			2	365	2.8	4.8
140	2.7	12	335	1.0		530			3	355	2.8	4.8
145	2.7		340	1.1		535			4	315	3.3	5.1
150	2.4	11	345	1.2		540			5	305	2.9	4.7
155	1.9		350	1.9		545			6	295	3.0	5.4
160	2.0	10	355	2.8	3	550			7	285	2.9	5.1
165	1.7		360	3.0		555			8	275	2.7	4.7
170	.7		365	2.8	2	560			9	265	2.2	3.6
175	.5		370	2.7		565			10	160	2.0	3.5
180	.4		375	2.8	1	570			11	150	2.4	4.4
185	.4		380	2.6		575			12	140	2.7	4.7
190	.4		385	1.2		580			13			
195	.3		390	1.1		585			14			
200	.2		395	1.3		590			15			
205	.3		400	T.D. 400		595			16			
210	.4		405			600			17			
215	.4		410			605			18			
220	.4		415			610			19			
225	.4		420			615			20			
230	.7		425			620			21			
235	.8		430			625			22			
240	.7		435			630			23			
245	1.0		440			635			24			
250	1.3		445			640			25			
255	1.5		450			645			26			
260	1.7		455			650			27			
265	2.2	9	460			655			28			
270	2.2		465			660			29			
275	2.7	8	470			665			30			
280	2.9		475			670						
285	2.8	7	480			675						
290	3.0		485			680						

DISTRIBUTION - original - permanent CPS FILE
 copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No 25910710-1E

Company <u>Meridian</u>		Sample No.		Date Sampled <u>6-24-91</u>	
Field		Legal Description <u>A-9-31-9</u>		County or Parish <u>San Juan</u>	
Lease or Unit		Well <u>S.J. 32-9 #258</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>Ground Bed</u>		Sampling Point		Formation <u>Carl Seam</u>	
				Water, B/D	
				Sampled By <u>LSE</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>4500</u>	<u>180</u>
Calcium, Ca	<u>10</u>	<u>0.5</u>
Magnesium, Mg	<u>21</u>	<u>1.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.2</u>
Specific Gravity, 60/60 F.	<u>1.0068</u>
Resistivity (ohm-meters) <u>691</u> F.	<u>160</u>

ANIONS

Chloride, Cl	<u>1500</u>	<u>43</u>
Sulfate, SO_4	<u>490</u>	<u>10</u>
Carbonate, CO_3	<u>120</u>	<u>4</u>
Bicarbonate, HCO_3	<u>7600</u>	<u>130</u>

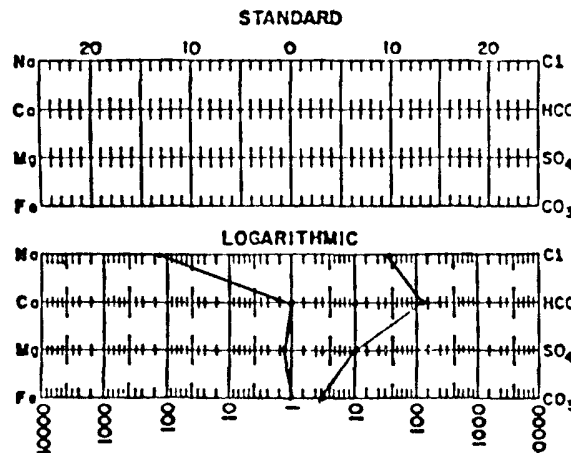
Total Dissolved Solids (calc.)

14000

Iron, Fe (total)

Sulfide, as H_2S

WATER PATTERNS — me/l



REMARKS & RECOMMENDATIONS.

Date Received <u>7-10-91</u>	Preserved <u>No</u>	Date Analyzed <u>7-10-91</u>	Analyzed By <u>EJ</u>
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TECH, Inc.
333 East Main
Farmington
New Mexico
87401

505/327-3311