

27-30-045-11314

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

289-30-045-28036

Operator Meridian Oil Inc Location: Unit M Sec. 23 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced S. J. 32-9 #27 and

S. J. 32-9 #289

Elevation 7.8 Completion Date 7-19-91 Total Depth 380 Land Type F

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

If Casing Strings are cemented, show amounts & types used 2.5 sacks

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

none

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 145' to 150' with clear water

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 380' with
48 sacks of Loresco SW.

Depths anodes placed: #1 at 365' and #12 at 185'

Depths vent pipes placed: 330'

Vent pipe perforations: up to 100'

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#	P/L NAME(s), NUMBER(s)				
1315-W	S.J. 32-9 #289, 427				
WG #	TOTAL	VOLTS	AMPS	- OHMS	DATE
6191		1214	203	60	7-19-91
NAME					
R Smith					

REMARKS (notes for construction log)

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.2	(4)	490			685			
105			300	1.1		495			690			
110			305	1.2	(3)	500			695			
115			310	1.0		505			700			
120			315	1.0	(3)	510			ANODE	DEPTH	NO	FULLY
125			320	1.1		515			*	COKE	COKE	COKE
130			325	.6		520			1	3365	1.3	3.4
135			330	.3		525			2	315	1.0	4.0
140			335	.2		530			3	305	1.2	4.6
145	.3		340	.2		535			4	295	1.2	5.1
150	.6		345	.2		540			5	290	1.5	5.2
155	311		350	.2		545			6	280	1.7	5.8
160	.8		355	.2		550			7	235	1.1	4.7
165	1.1		360	.4		555			8	225	1.7	5.7
170	.4		365	1.3	(1)	560			9	215	1.4	5.9
175	.2		370	1.3		565			10	205	1.2	5.3
180	.3		375	1.3		570			11	195	1.5	6.1
185	1.6	(2)	380	1.0		575			12	185	1.7	6.0
190	1.6		385			580			13			
195	1.3	(1)	390			585			14			
200	1.0		395			590			15			
205	1.2	(1)	400			595			16			
210	1.4		405			600			17			
215	1.4	(9)	410			605			18			
220	1.4		415			610			19			
225	1.5	(8)	420			615			20			
230	1.0		425			620			21			
235	1.2	(2)	430			625			22			
240	1.1		435			630			23			
245	.6		440			635			24			
250	.5		445			640			25			
255	.6		450			645			26			
260	.8		455			650			27			
265	.5		460			655			28			
270	.3		465			660			29			
275	.7		470			665			30			
280	1.6	(6)	475			670						
285	1.8		480			675						
290	1.1	(5)	485			680						

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

API WATER ANALYSIS REPORT FORM

131 SW

Laboratory No. 25710724-2B

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/18/91</u>	
Field		Legal Description <u>M 23-32-10</u>		County or Parish <u>Salt Lake</u>	
Lease or Unit		Well <u>ST 32-9 #289</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>water table</u>		Sampling Point		Sampled By <u>R. SMITH</u>	



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>530</u>	<u>23</u>
Calcium, Ca	<u>64</u>	<u>3.2</u>
Magnesium, Mg	<u>24</u>	<u>0.12</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>10.5</u>
Specific Gravity, 60/60 F.	<u>1.0028</u>
Resistivity (ohm-meters) <u>72' F.</u>	<u>161</u>

Total Dissolved Solids (calc.)

1600

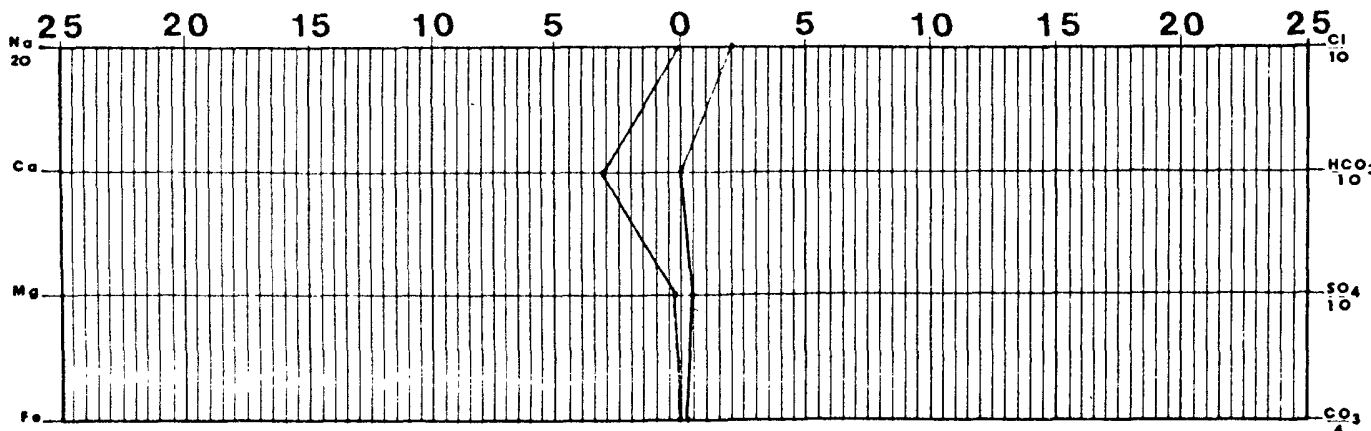
ANIONS

Chloride, Cl	<u>710</u>	<u>20</u>
Sulfate, SO_4	<u>270</u>	<u>5.16</u>
Carbonate, CO_3	<u>24</u>	<u>0.8</u>
Bicarbonate, HCO_3	<u>0</u>	<u>0</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>07/24/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>07/24/91</u>	Analyzed By <u>FL</u>
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