

61-30-045-11128
235-30-045-27603

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

03500

Operator Meridian Oil Inc. Location: Unit M Sec. 36 Twp 32 Rng 9

Name of Well/Wells or Pipeline Serviced San Juan 35-9 # 235
and #61.

Elevation Completion Date 7-30-91 Total Depth 440 Land Type I

Casing Strings, Sizes, Types & Depths Set 700' of 8" P.J.C.
casing

If Casing Strings are cemented, show amounts & types used 21 sacks
of neat cement.

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. Water is from 785' to 195' and
was clear.

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 440' with
Asbury 4518

Depths anodes placed: #1 is at 425' and #2 is at 500'

Depths vent pipes placed: Vent pipe is placed at 410'

Vent pipe perforations: Perforated up to 190'

Remarks:

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-Private
If Federal or Indian, add Lease Number.

RECEIVED

FEB 24 1992

OIL CON. DIV.
DIST. 3

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 350-W		P/L NAME(s), NUMBER(s) S.J. 32-9 #235, #61										
WO# K413	TOTAL	VOLTS 12.21	AMPS 17.6	- OHMS .69	DATE 7-30-91	NAME R. Smith						
REMARKS (notes for construction log) Water is at 200'												
DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.9		490			685			
105			300	.4		495			690			
110			305	.3		500			695			
115			310	.3		505			700			
120			315	.4		510			ANODE	DEPTH	NO	FULLY
125			320	.3		515			*	COKE	COKE	D
130			325	.3		520			1	425	1.3	2.8
135			330	1.2		525			2	395	1.3	4.7
140			335	1.3	(C)	530			3	385	1.8	5.4
145			340	1.5		535			4	375	1.5	4.9
150			345	1.4	(B)	540			5	345	1.4	4.3
155			350	.9		545			6	335	1.4	4.1
160	.4		355	.6		550			7	290	1.3	4.0
165	.4		360	.4		555			8	275	1.2	4.7
170	.4		365	.7		560			9	265	1.4	4.7
175	.4		370	1.8		565			10	255	1.3	4.5
180	.4		375	1.4	(C)	570			11	210	1.5	4.1
185	.3		380	1.6		575			12	200	1.3	3.9
190	.5		385	1.8	(B)	580			13			
195	.7		390	1.7		585			14			
200	1.0	(B)	395	1.2	(B)	590			15			
205	1.6		400	.6		595			16			
210	1.5	(D)	405	.5		600			17			
215	.8		410	.4		605			18			
220	.3		415	.3		610			19			
225	.3		420	1.2		615			20			
230	.4		425	1.5	(D)	620			21			
235	.3		430	1.3		625			22			
240	.4		435	1.3		630			23			
245	.5		440	TD		635			24			
250	.9		445			640			25			
255	1.4	(D)	450			645			26			
260	1.2		455			650			27			
265	1.4	(D)	460			655			28			
270	1.2		465			660			29			
275	1.0	(D)	470			665			30			
280	.9		475			670						
285	1.2		480			675						
290	1.3	(D)	485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

0350 W

Laboratory No. 25910802-1C

Company <i>MERIDIAN OIL</i>		Sample No.		Date Sampled <i>7/30/91</i>	
Field		Legal Description <i>M 36-32-9</i>		County or Parish <i>SAN JUAN</i>	
Lease or Unit		Well <i>3 J 32-9 #235 #61</i>		Depth	
Type of Water (Produced, Supply, etc.) <i>WATER TABLE</i>		Sampling Point		Formation <i>GR. BED</i>	
				Water, B/D	
				Sampled By <i>R. SMITH</i>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<i>380</i>	<i>17</i>
Calcium, Ca	<i>96</i>	<i>4.8</i>
Magnesium, Mg	<i>15</i>	<i>1.2</i>
Barium, Ba		

ANIONS

Chloride, Cl	<i>160</i>	<i>4.4</i>
Sulfate, So ₄	<i>590</i>	<i>12</i>
Carbonate, CO ₃	<i>0</i>	<i>0</i>
Bicarbonate, HCO ₃	<i>370</i>	<i>12</i>

OTHER PROPERTIES

pH	<i>7.5</i>
Specific Gravity, 60/60 F.	<i>1.0237</i>
Resistivity (ohm-meters) <i>69° F.</i>	<i>6.20</i>

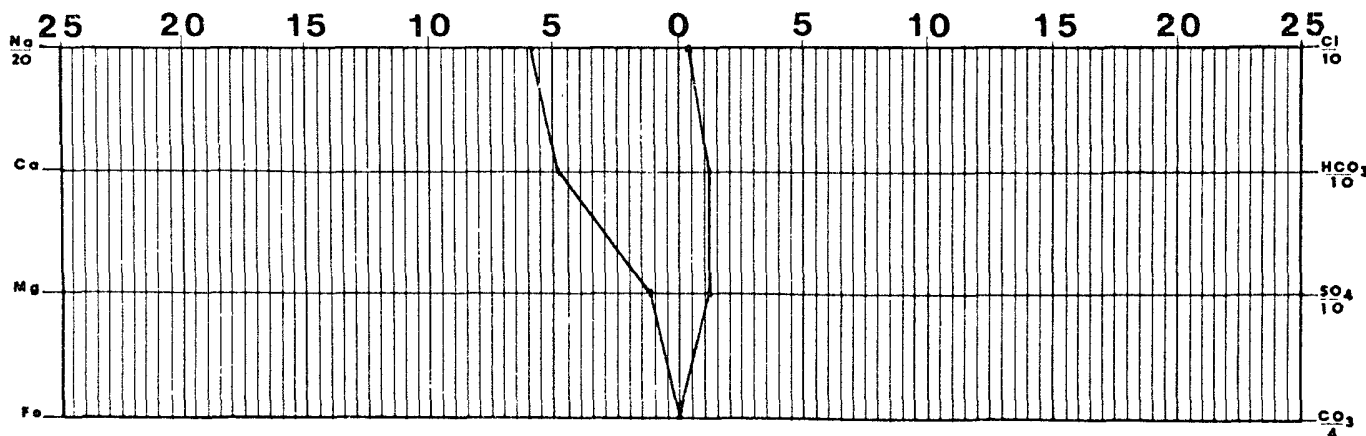
Total Dissolved Solids (calc.)

1600

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <i>08/02/91</i>	Preserved <i>NO</i>	Date Analyzed <i>08/06/91</i>	Analyzed By <i>ES</i>
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