

709

#2 30-045-10490

#341 30-045-28453 02340

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN OIL INC. Location: Unit L Sec. 19 Twp 31 Rng 8Name of Well/Wells or Pipeline Serviced QUINN #341, QUINN #2Elevation 6020 Completion Date 7-25-91 Total Depth _____ Land Type FCasing Strings, Sizes, Types & Depths 8" PVC 100'If Casing Strings are cemented, show amounts & types used 22 SACKS NEAT CEMENTIf Cement or Bentonite Plugs have been placed, show depths & amounts used NoDepths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. FRESH H₂O 100'Depths gas encountered: NoGround bed depth with type & amount of coke breeze used: 364', 47 SACKS of Asbury 4518 FloCokeDepths anodes placed: 345, 335, 325, 315, 305, 295, 284, 275, 258, 248, 210, 200Depths vent pipes placed: 364'Vent pipe perforations: FROM 64' TO BOTTOM

Remarks: _____

RECEIVED

FEB 24 1992

OIL CON. DIV. I
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# 6234	P/L NAME(s), NUMBER(s)											
WO # 596	TOTAL	VOLTS 11.5	AMPS 20.1	- OHMS .57	DATE 7-25-91	NAME QUINN 341, QUINN #2						
MARKS (notes for construction log)												
100' 8" PVC CASING, SACKS CEMENT												
Drilled 364' , Logged 364' , WATER 100' CAUGHT SAMPLE												
DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	1.5		295	2.5	#6	490			685			
105	1.6		300	2.5		495			690			
110	1.9		305	2.8	#5	500			695			
115	1.4		310	2.7		505			700			
120	1.2		315	2.5	#4	510			ANODE	DEPTH	NO	FULLY
125	1.1		320	2.9		515			*		COKE	COK'D
130	.9		325	3.2	#3	520			1	345	2.7	5.9
135	.7		330	3.2		525			2	335	3.4	6.2
140	.6		335	3.4	#2	530			3	325	3.3	6.5
145	.9		340	2.8		535			4	315	2.6	6.1
150	.8		345	2.7	#1	540			5	305	2.8	6.0
155	.7		350	2.8		545			6	295	2.5	5.7
160	.7		355	2.5		550			7	28A	2.2	6.0
165	.6		360	2.4		555			8	275	2.5	6.1
170	1.2		365			560			9	258	3.1	6.7
175	1.2		370			565			10	248	3.2	6.6
180	1.1		375			570			11	210	2.1	5.5
185	.6		380			575			12	200	2.5	5.6
190	.4		385			580			13			
195	2.0		390			585			14			
200	2.5	#12	395			590			15			
205	1.9		400			595			16			
210	2.1	#11	405			600			17			
215	2.0		410			605			18			
220	2.0		415			610			19			
225	1.3		420			615			20			
230	.8		425			620			21			
235	.7		430			625			22			
240	.8		435			630			23			
245	2.5	#10	440			635			24			
250	3.2		445			640			25			
255	3.2		450			645			26			
260	2.1	#9	455			650			27			
265	1.3		460			655			28			
270	2.3		465			660			29			
275	2.5	#8	470			665			30			
280	2.2	#7	475			670						
285	1.9	*	480			675						
290	2.2		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

6234W

Laboratory No. 25910801-1A

Company MERIDIAN OIL		Sample No.		Date Sampled 7/25/91	
Field		Legal Description L 19-31-8		County or Parish SAN JUAN	
Lease or Unit		Well QUINN #34; QUINN #2		Depth	
Type of Water (Produced, Supply, etc.)		Formation FC		Water, B/D	
Sampling Point GROUND BED 100'		Sampled By WRM			

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>420</u>	<u>9.1</u>
Calcium, Ca	<u>360</u>	<u>18</u>
Magnesium, Mg	<u>61</u>	<u>5.0</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.3</u>
Specific Gravity, 60/60 F.	<u>1.0040</u>
Resistivity (ohm-meters) 68' F.	<u>4.95</u>

Total Dissolved Solids (calc)

2400.

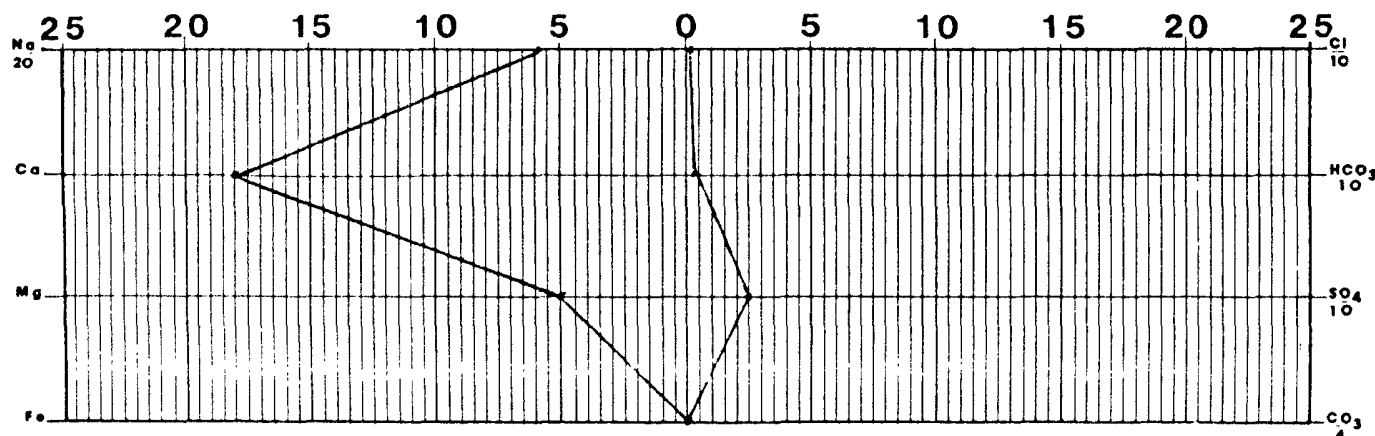
ANIONS

Chloride, Cl	<u>89</u>	<u>2.5</u>
Sulfate, SO_4	<u>1200</u>	<u>25</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>230</u>	<u>3.8</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date 06/01/91	Preserved NO	Date Analyzed 08/03/91	Analyzed By [Signature]
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