

61-30-039-070348

4100-30-039-25032

142-30-039-20140

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit N Sec. 21 Twp 28 Rng 6Name of Well/Wells or Pipeline Serviced San Juan 28-6 #460, 61, 142
CPS# 1164-WElevation 6471 Completion Date 8-29-91 Total Depth 483' Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PVC CasingIf Casing Strings are cemented, show amounts & types used yes- 20 SacksIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NoneDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Little water at 110', More water at 200' - FreshDepths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 483'Asbury - 146 Bags
Depths anodes placed: #1-470', #2-450', #3-440', #4-430', #5-420', #6-370'
#7-360', #8-350', #9-340', #10-330', #11-320', #12-310'Depths vent pipes placed: From Surface to 483'Vent pipe perforations: From 180 to 483'

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

CP#	P/L NAME(S), NUMBER(S)					
1164-W	San Juan 28-6 #460					
WO #	TOTAL	VOLTS	AMPS	OHMS	DATE	NAME
m272		12.4	19.0	.65	8-29-91	David Ashworth

REMARKS (space for construction log)

Hole making little water at 110' - More water at 200'
Perf - 300'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE
	ANODE			ANODE			ANODE			ANODE			ANODE	
100			295	.7		490			685					
105			300	.8		495			690					
110			305	1.6		500			695					
115			310	1.9	12	505			700					
120			315	1.3		510			ANODE	DEPTH	NO.	FULL		
125			320	1.3	11	515			"		COKE	COKE		
130			325	1.4		520			1	470	2.0	3.9		
135			330	1.7	10	525			2	450	1.9	4.6		
140			335	1.5		530			3	440	2.0	5.2		
145			340	1.9	9	535			4	430	1.9	5.2		
150			345	1.8		540			5	420	1.8	5.1		
155			350	1.6	8	545			6	370	2.0	5.3		
160			355	1.4		550			7	360	1.9	5.3		
165			360	1.8	7	555			8	350	1.7	4.9		
170			365	2.1	6	560			9	340	1.8	5.2		
175			370	1.9		565			10	330	1.7	4.9		
180			375	1.5	6	570			11	320	1.6	4.3		
185			380	1.4		575			12	310	1.7	4.3		
190			385	1.3		580			13					
195			390	1.3		585			14					
200			395	.8		590			15					
205			400	.7		595			16					
210			405	1.0		600			17					
215			410	1.0		605			18					
220			415	1.5		610			19					
225			420	1.6	8	615			20					
230			425	2.1		620			21					
235	.5		430	1.9	4	625			22					
240	.5		435	2.1		630			23					
245	.5		440	2.0	3	635			24					
250	.7		445	1.9		640			25					
255	.7		450	1.9	2	645			26					
260	.3		455	1.4		650			27					
265	.5		460	1.0		655			28					
270	.5		465	1.0		660			29					
275	.5		470	2.0	1	665			30					
280	.6		475	2.0		670								
285	.6		480	1.0		675								
290	.6		485	4837D		680								

DISTRIBUTION - original - permanent CPS FILE

— Division Correction Supervisor

— Region Correlation Statistics

API WATER ANALYSIS REPORT FORM

 Laboratory No. 25910830-1F

Company <u>MERIDIAN OIL</u>		Sample No. <u>1169W</u>	Date Sampled <u>8/29/91</u>
Field	Legal Description <u>N-21, 28-6</u>	County or Parish <u>Rio Arriba</u>	State <u>N.M.</u>
Lease or Unit	Well <u>S.J. 28-6 #460</u>	Depth <u>110'</u>	Formation <u>water table</u>
Type of Water (Produced, Supply, etc.)		Sampling Point <u>DEEPWELL GR. BED FOR C.P.</u>	Sampled By <u>D. ASHWORTH</u>

DISSOLVED SOLIDS
CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>2500</u>	<u>110</u>
Calcium, Ca	<u>490</u>	<u>25</u>
Magnesium, Mg	<u>61</u>	<u>0.5</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.3</u>
Specific Gravity, 60/60 F.	<u>1.0041</u>
Resistivity (ohm-meters) <u>70' F.</u>	<u>2.80</u>

Total Dissolved Solids (calc.)

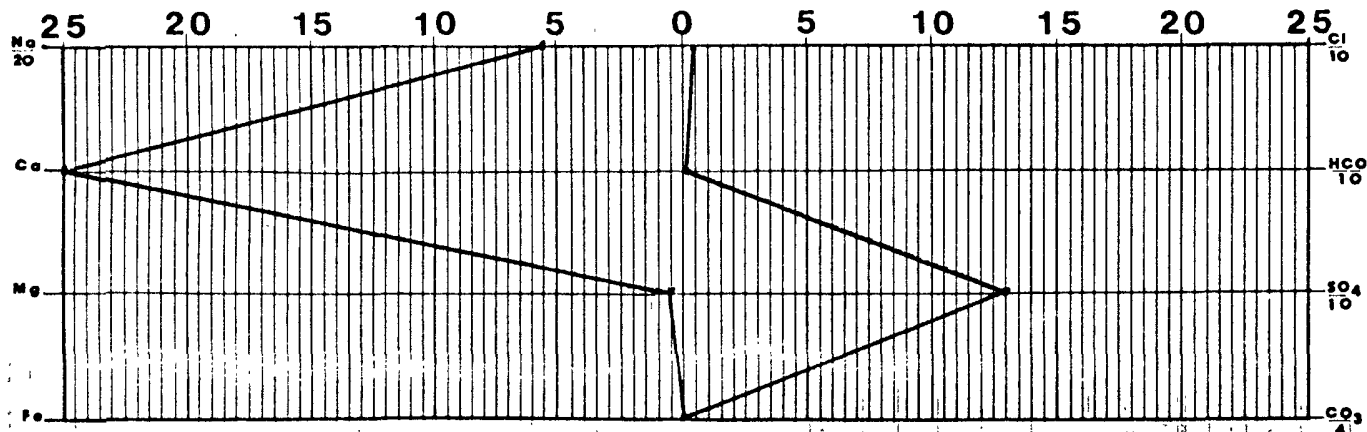
9200.
ANIONS

Chloride, Cl	<u>140</u>	<u>4.0</u>
Sulfate, So ₄	<u>6000</u>	<u>130</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>61</u>	<u>1.0</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>No</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>ES</u>
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