

184-30-039-20690

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

12-30-039-07454

Operator MERIDIAN OIL CO. Location: Unit N Sec. 7 Twp. 28 Rng. 6

Name of Well/Wells or Pipeline Serviced San Juan 28-6 # 184 & 12

Elevation Completion Date 8/31/90 Total Depth 400 Land Type

Casing Strings, Sizes, Types & Depths 20 ft. 8" PVC Casing

If Casing Strings are cemented, show amounts & types used

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

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Wet at 165' got a sample

Depths gas encountered:

Ground bed depth with type & amount of coke breeze used:

390 ft. 3900 lbs of Ashbury Petroleum Coke

Depths anodes placed: 375, 365, 355, 345, 335, 325, 285, 275, 260, 250

Depths vent pipes placed: 390 ft. 1" PVC Vent Pipe

Vent pipe perforations:

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-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

#23

Drilling Log (Attach Hereto) ☐

Completion Date 8-31-92

CPS #	Well Name, Line or Plant	Work Order #	State:	Ins. Union Check
635-W	SJ 28-6 #184			☒ Good ☐ Bad
	SJ 28-6 #12			
Location	Anode Size	Anode Type	Size Bar	
N7-28-6	2" x 60"	ANOTEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
400'	390'		3900	
Anode Depth				
#1 375'	#2 365'	#3 355'	#4 345'	#5 335'
#6 325'	#7 285'	#8 275'	#9 260'	#10 250'
Anode Output (Amps)				
#1 3.1	#2 3.7	#3 3.9	#4 4.6	#5 4.7
#6 4.5	#7 3.9	#8 5.0	#9 5.1	#10 5.1
Anode Depth				
#11	#12	#13	#14	#15
#16	#17	#18	#19	#20
Anode Output (Amps)				
#11	#12	#13	#14	#15
#16	#17	#18	#19	#20
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used
Volts 12.3		Amps 14.9		Ohms 82

Remarks: Set 20' of 8" PVC casing. Driller said wet at 165' drilled to 210' could not get cuttings out of hole. Next A.M. Blew water and got wet sample. Ran 390' of 1" PVC Vent Pipe. Left coke approximately 230'. Perforate 260' of Vent Pipe

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 135'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Stella Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH

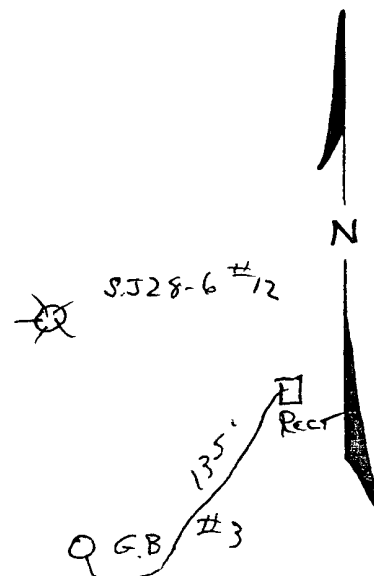
RECEIVED

SEP 19 1990

OIL CON. DIV.
DIST. 3

SJ. 28-6 #184

✗ new well



CONSTRUCTION LOGGING READINGS
Meridian 0.1

CPS #: 635-W WELL NAME: S.J. 28-6 #184+12 LOCATION: N7-28-6 DATE: 8-31-90

TOTAL VOLTS: 12.3 TOTAL AMPS: 14.9 OHMS RESISTANCE: .82

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE No.	DEEP	LOG ANODE	ANODE No.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.90		365	1.3	2	545			1	325	1.6	3.1
10			190	1.80		370	1.2		550			2	365	1.7	3.7
15			195	1.70		375	1.3	1	555			3	355	1.6	3.9
20			200	1.70		380	1.4		560			4	345	2.0	4.6
25			205	1.70		385	1.4		565			5	335	2.0	4.7
30			210	1.80		390	—	TD	570			6	325	2.2	4.5
35			215	1.3		395			575			7	285	2.2	3.9
40			220	1.70		400			580			8	275	2.9	5.0
45			225	1.80		405			585			9	265	1.4	5.1
50			230	1.2		410			590			10	250	2.1	5.1
55			235	1.6		415			595						
60			240	1.7		420			600						
65			245	1.8		425			605						
70			250	1.6	10	430			610						
75			255	1.90		435			615						
80			260	1.60		440			620						
85			265	1.3	9	445			625						
90			270	2.1		450			630						
95			275	2.0	8	455			635						
100			280	1.7		460			640						
105			285	1.6	7	465			645						
110			290	1.50		470			650						
115			295	1.30		475			655						
120			300	1.20		480			660						
125			305	1.30		485			665						
130			310	1.50		490			670						
135			315	1.60		495			675						
140			320	1.5		500			680						
145			325	1.8	6	505			685						
150			330	1.8		510			690						
155			335	1.6	5	515			695						
160			340	1.7		520			700						
165	1.5		345	1.4	4	525			705						
170	1.2		350	1.2		530			710						
175	1.80		355	1.6	3	535			715						
180	1.70		360	1.7		540			720						

REMARKS: Set 20' of 8" PVC casing Driller said not at 165' Drilled to 210' could not get cuttings out of hole. Next A.M. Blow water, Got water sample

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

Driller Brian L. Burge Tool Dresser

API WATER ANALYSIS REPORT FORM

Laboratory No.

Company MERIDIAN OIL, Inc.		Sample No. CPS 635-W		Date Sampled 8/31/90	
Field		Legal Description 12-N 7-28-6		County or Parish State	
Lease or Unit SJ 28-6		Well #184		Depth 165'	
Type of Water (Produced, Supply, etc.)		Sampling Point 165'		Water, B/D Sampled By M.D. McFARLAND	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>704</u>	<u>30.6</u>
Calcium, Ca	<u>28</u>	<u>1.4</u>
Magnesium, Mg	<u>2</u>	<u>0.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.91</u>
Specific Gravity, 60/60 F.	<u>1.0020</u>
Resistivity (ohm-meters) <u>77°</u> F.	<u>3.70</u>

Total Dissolved Solids (calc.)

2340

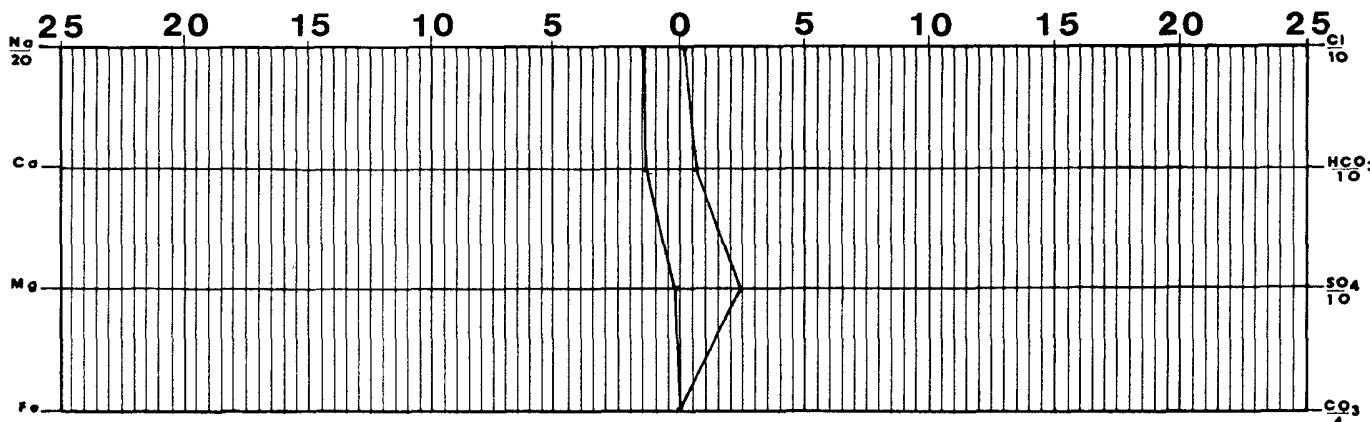
ANIONS

Chloride, Cl	<u>57</u>	<u>1.6</u>
Sulfate, SO_4	<u>1,175</u>	<u>24.5</u>
Carbonate, CO_3	<u>-</u>	<u>-</u>
Bicarbonate, HCO_3	<u>374</u>	<u>6.1</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received 9-5-90	Preserved	Date Analyzed 9-6-90	Analyzed By MKL
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