

4770

30-039-07150

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN OIL CO. Location: Unit N Sec. 8 Twp. 28 Rng. 6Name of Well/Wells or Pipeline Serviced San Juan 28-6 # 13

CDS 634W

Elevation 6817' Completion Date 9/5/90 Total Depth 260 Land Type N/ACasing Strings, Sizes, Types & Depths 20 ft. 8" PVC CasingIf Casing Strings are cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water: Fresh, Clear
Salty, Sulphur, Etc. Water @ 60 ft. got a sampleDepths gas encountered: N/AGround bed depth with type & amount of coke breeze used: 3900 lbs. of Ashbury petroleum cokeDepths anodes placed: 225, 215, 205, 175, 165, 155, 145, 135, 125, 115Depths vent pipes placed: 260 ft. 1" PVC vent pipeVent pipe perforations: Perforated 200 ft.Remarks: qb #3

RECEIVED

MAY 31 1991

OIL CON. DIV

DIS

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

Drilling Log (Attach Hereto) ☐Completion Date 9-5-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check								
634-W	ST 28-6 # 13			☒ Good ☐ Bad								
Location:	Anode Size:	Anode Type:	Size Bit:									
N8-28-6	2" X 60"	ANOTEC	6 3/4									
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used								
260'	245'		3900 #									
Anode Depth	# 1 225'	# 2 215'	# 3 205'	# 4 175'	# 5 165'	# 6 155'	# 7 145'	# 8 135'	# 9 125'	# 10 115'		
Anode Output (Amps)	# 1 6.0	# 2 6.3	# 3 5.0	# 4 4.8	# 5 4.8	# 6 4.4	# 7 6.6	# 8 5.9	# 9 4.4	# 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	Amps 18	Ohms .66										

Remarks: DRILLER Said wet at 20'. Next A.M. - Blew water. GOT water Sam.
 Ran 260' of 1" VENT PIPE. Perforated 200' of VENT PIPE
 Left coke Breeze Approximately 85'

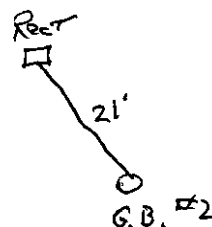
Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: _____ 10'
 Ditch & 1 Cable: _____ 21'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____ 1

All Construction Completed

William L. Wright Jr.
 (Signature)

GROUND BED LAYOUT SKETCH

G.B. #1



28-6 #13

N

CONSTRUCTION LOGGING READINGS

Meriden Oil

CPS #: 634-w WELL NAME: S.J. 28-6 #13 LOCATION: N8-28-6 DATE: 9-5-90

TOTAL VOLTS: 12.0 TOTAL AMPS: 18.0 OHMS RESISTANCE: 166

												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	1.50		365			545		1		125	3.1	6.0
10			190	1.50		370			550		2		215	3.1	6.3
15			195	1.50		375			555		3		205	2.0	5.0
20			200	1.60		380			560		4		175	2.5	4.8
25			205	1.9	3	385			565		5		165	2.0	4.8
30			210	2.2	-	390			570		6		155	1.7	4.4
35			215	2.4	2	395			575		7		145	3.2	6.6
40			220	2.5	-	400			580		8		135	2.2	5.9
45			225	2.4	1	405			585		9		125	1.5	4.4
50			230	1.7		410			590		10		115	1.3	5.4
55			235	1.90		415			595						
60			240	1.60		420			600						
65			245	-	7D	425			605						
70	1.90		250			430			610						
75	1.50		255			435			615						
80	1.40		260			440			620						
85	1.30		265			445			625						
90	1.30		270			450			630						
95	1.30		275			455			635						
100	1.30		280			460			640						
105	1.30		285			465			645						
110	1.40		290			470			650						
115	1.1	10	295			475			655						
120	1.4		300			480			660						
125	1.3	9	305			485			665						
130	1.6		310			490			670						
135	2.3	8	315			495			675						
140	2.8		320			500			680						
145	2.3	7	325			505			685						
150	1.9		330			510			690						
155	1.6	6	335			515			695						
160	1.8		340			520			700						
165	1.9	5	345			525			705						
170	2.2		350			530			710						
175	2.0	4	355			535			715						
180	1.1		360			540			720						

REMARKS: DRILLER said wet at 70'. Next A.M. Blow water
Got water sample.

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

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
SAN JUAN 28-6	13	8	28	5
WATER AT:	FEET:	HOLE MADE:		
60'		260		

[illegible]

REMARKS: HAD WATER AT 60' MORNING OF 9/5/90 GAINED WATER SAMPLE
LED TO 260'. SET 20' 8" PVC CASING - PETROLEUM CONT. TO 15'

Driller Brian E. Burge Tool Dresser _____

API WATER ANALYSIS REPORT FORM

Laboratory No. <u>MARK MCFARLAND</u>		Sample No. <u>CPB 634W</u>		Date Sampled <u>9/5/90</u>	
Company <u>MERIDIAN OIL</u>		County or Parish		State	
Field	Legal Description	Depth	Formation	Water, B/D	
	<u>N 8 - 28 - 6</u>	<u>70</u>			
Lease or Unit	Well	#			
<u>SAN JUAN</u>	<u>28-6</u>	<u>13</u>			
Type of Water (Produced, Supply, etc.)			Sampling Point		
			Sampled By		



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

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.) 3
 Calcium, Ca 40
 Magnesium, Mg 6
 Barium, Ba

mg/l

0.12
2.02
0.52

pH

Specific Gravity, 60/60 F. 1.0023
 Resistivity (ohm-meters) 26

6.58

ANIONS

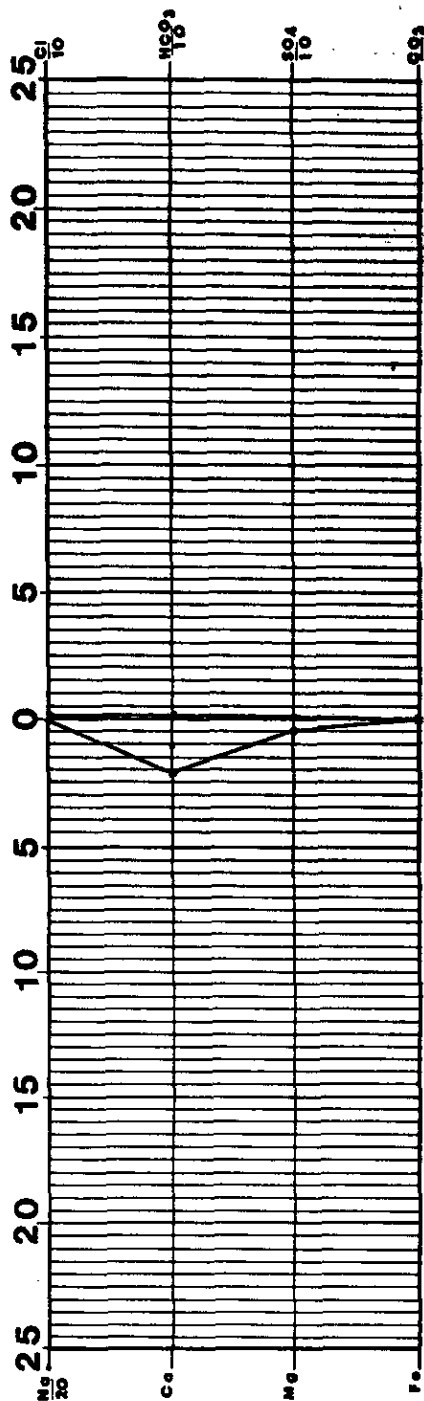
Chloride, Cl 23
 Sulfate, SO_4 41
 Carbonate, CO_3 —
 Bicarbonate, HCO_3 56

0.66
0.85
—
0.91

Iron, Fe (total)
 Sulfide, as H_2S

Total Dissolved Solids (calc.) 169

REMARKS & RECOMMENDATIONS:



Date Received <u>9-12-90</u>	Preserved	Date Analyzed <u>9-12-90</u>	Analyzed By <u>HK LANE</u>
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