

30-045-10044

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 32 Twp 31 Rng 8

Name of Well/Wells or Pipeline Serviced EPNG COM A #2

cps 253w

Elevation 6041' Completion Date 8/3/87 Total Depth 380' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

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

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 80' SAMPLE TAKEN

RECEIVED

MAY 31 1991

Depths gas encountered: HOLE MAKING A LITTLE GAS.

OIL CON. DIV
\DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 310', 290', 280', 270', 240', 230', 220', 210', 200'

Depths vent pipes placed: 380' of 1" PVC VENT PIPE

Vent pipe perforations: 300'

Remarks: gb #4

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

SAN JUAN CO.

Drilling Log (Attach Hereto) ☐

Completion Date 8/3/87

Redrill

G.R. Bed

Elev. 6041'

CPS #

Well Name, Line or Plant:

Work Order #

Standard

Ins Union Check

253 W		EPMG COM A. #2						☐ Good ☐ Bad	
Location SW 32-31-8		Anode Size 2" X 60"		Anode Type DUPON		Size Bit: 6 3/4			
Depth Drilled 380		Depth Logged 380'		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth									
# 1 320	# 2 310	# 3 290	# 4 280	# 5 270	# 6 240	# 7 230	# 8 220	# 9 210	# 10 200
Anode Output (Amps)									
# 1 3.7	# 2 4.7	# 3 3.9	# 4 4.6	# 5 3.0	# 6 4.4	# 7 4.8	# 8 4.9	# 9 4.4	# 10 3.7
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 11.9		Amps 18.6		Ohms .64					

Remarks: Water at 80'. (Took water sample) installed
380' of 1" PVC. vent pipe, perforated 300'.

Hole making a little gas.

G.B. 4300.00

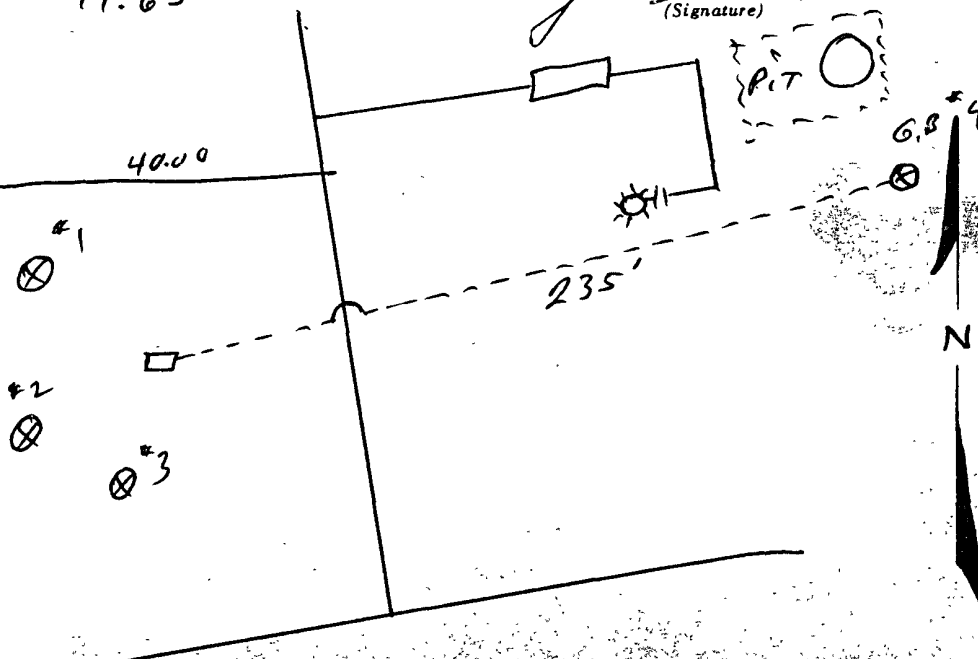
Rectifier Size: — V — A
Addn'l Depth: —
Depth Credit: - 120'
Extra Cable: 10'
Ditch & 1 Cable: 235'
Ditch & 2 Cable: —
25' Meter Pole: —
20' Meter Pole: —
10' Stub Pole: —
Junction Box: —

— 480.00
2.50
91.65

All Construction Completed

(Signature)

3954.15
TAX 197.71
TOTAL 4151.86



2536

2536

COMPANY: Meridian Oil DAILY DRILLING REPORT: 8/3 19 87

WELL NAME: EPMG Com	WELL NUMBER: A 2	SECTION: 32	TOWNSHIP: 31-N	RANGE: 8
WATER AT: 100		HOLE MADE: 20 GPM		

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

Driller

Tool Dresser

Date 8/3/87

Amperes:-

5		230	2.5- (7)	455		680	
10		235	2.3	460		685	
15		240	2.3- (6)	465		690	
20		245	1.6	470		695	
25		250	1.4	475		700	
30		255	1.4	480		705	
35		260	1.3	485		710	
40		265	1.4	490		715	
45		270	1.6- (5)	495		720	
50		275	2.2	500		725	
55		280	2.1- (4)	505		730	
60		285	2.1	510		735	
65		290	1.9- (3)	515		740	
70		295	1.4	520		745	
75		300	1.2	525		750	
80	WATER	305	1.0	530		755	
85		310	2.2- (2)	535		760	
90		315	2.4	540		765	
95		320	1.7- (1)	545		770	11.9 V 18.6 A
100		325	1.5	550		775	.64 Ω
105		330	1.0	555		780	
110		335	.9	560		785	
115		340	1.2	565		790	1-220-2.2 3
120	.9	345	1.2	570		795	2-310-3.5 4
125	.7	350	.8	575		800	3-290-2.4 3
130	.6	355	1.1	580		805	4-280-2.7 4
135	.6	360	.9	585		810	5-270-1.8 3
140	.6	365	.8	590		815	6-240-2.7 4
145	.8	370	.8	595		820	7-230-3.1 4
150	.6	375	.6	600		825	8-220-2.8 4
155	.8	380	Drilled To	605		830	9-210-2.7 4
160	.7	385	4 T.D	610		835	10-200-2.6 3
165	.7	390		615		840	
170	.9	395		620		845	
175	1.2	400		625		850	
180	.9	405		630		855	
185	.6	410		635		860	
190	.2	415		640		865	
195	1.3	420		645		870	
200	2.4- (10)	425		650		875	
205	2.4	430		655		880	
210	2.2- (9)	435		660		885	
215	2.2	440		665		890	
220	2.4- (8)	445		670		895	
225	2.3	450		675		900	

API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL COMPANY		Sample No. 1	Date Sampled 08-03-87
Field Blanco	Legal Description		County or Parish San Juan State NM
Lease or Unit	Well E.P.N.G. Com. A #2	Depth 80'	Formation Water, B/D
Type of Water (Produced, Supply, etc.) Surface		Sampling Point 80'	Sampled By J.E.

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	133	5.8
Calcium, Ca	480	23.9
Magnesium, Mg	104	8.6
Barium, Ba		

OTHER PROPERTIES

pH	7.92
Specific Gravity, 60/60 F.	1.0053
Resistivity (ohm-meters) 71.6° F.	3.80
Conductivity	$2.6 \times 10^3 \mu\text{mho}$
Total Dissolved Solids (calc.)	2610 mg/l

ANIONS

Chloride, Cl	28	0.8
Sulfate, SO ₄	1570	32.7
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	293	4.8
Hydroxide	0	0

Iron, Fe (total)	
Sulfide, as H ₂ S	0

REMARKS & RECOMMENDATIONS:

