

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

4486

30-045-27452

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit H Sec. 32 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced EPNG COM #1R,

CAPERTON #1, CAPERTON COM #310 cps 32w

Elevation 6118' Completion Date 8/3/87 Total Depth 430' 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. 180' & 330' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 405', 388', 357', 347', 337', 298', 232', 214', 200'

Depths vent pipes placed: 430' OF 1" PCV PIPE

Vent pipe perforations: BOTTOM 260'

Remarks: gb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 8-3-87

already in computer

CPS #	Well Name, Line or Plane	Work Order #	Status:	Ins. Union Check
32-W	EPNG COM #1 H 32-30-8			☒ Good ☐ Bad
	CAPER TON #1 A 32-30-8			
Location	Anode Size:	Anode Type:	Size Bit:	
H 32-30-8	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat Used
500'	430'			
Anode Depth				
# 1 405'	# 2 388'	# 3 357'	# 4 347'	# 5 337'
# 6 298'	# 7 232'	# 8 223'	# 9 214'	# 10 200'
Anode Output (Amps)				
# 1 2.7	# 2 2.3	# 3 2.0	# 4 4.4	# 5 3.6
# 6 2.0	# 7 3.8	# 8 4.3	# 9 3.8	# 10 3.5
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 12.5 Ohms .98	ELEVATION = 6162'			

Remarks: Drilled to 500'; LOGGED 430' DRILLER SAID WATER AT 180' + 330' CAUGHT SAMPLE FROM WATER AT 330' INSTALLED 430' OF 1" PVC VENT PIPE PERFORATED BOTTOM 260' OF VENT PIPE

Rectifier Size: V A
 Add'l Depth:
 Depth Credit: 70' ✓
 Extra Cable: 10' ✓
 Ditch & 1 Cable: 20'
 Ditch & 2 Cable:
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole:
 Junction Box: 70

All Construction Completed

Michael R. Williams
(Signature)

☀ H
CAPERTON
#1

4300 ✓

- 280.00 ✓

2.50 ✓

7.80 ✓

40.00 ✓

4070.30 ✓

TAX 203.52

4273.82

□ 32-W
○ NEW GROUND
13ED

☀ H

00.00 00.00 00.00

CPS 32 w

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

COMPANY Meridian DAILY DRILLING REPORT 0-2 19 81

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
EP 110	1	32	30N	8W
WATER AT:		FEET:	HOLE MADE:	
300 ft			6 3/4 500 ft	

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: Went back & drilled from 440 to 500 to see if there was any shale.

Grant Gunn

Driller

Tool Dresser

5		230	1.6	455		680	①405-1.5-2.5
10		235	.9	460		685	②388-1.2-2.5
15		240	.6	465		690	③357-1.1-2.0
20		245	.5	470		695	④347-2.4-4.4
25		250	.5	475		700	⑤337-2.0-3.6
30		255	.6	480		705	⑥298-1.2-2.0
35		260	.7	485		710	⑦232-1.4-3.8
40		265	.8	490		715	⑧223-1.7-4.3
45		270	.7	495		720	⑨214-1.5-3.8
50		275	.7	500		725	⑩200-1.5-3.5
55		280	.5	505		730	
60		285	.6	510		735	
65		290	.6	515		740	
70		295	.9	520		745	
75		300	1.0	525		750	
80		305	.8	530		755	
85		310	.5	535		760	
90		315	.5	540		765	
95		320	.5	545		770	
100		325	.4	550		775	
105		330	.3	555		780	
110		335	.8	560		785	
115		340	2.0	565		790	
120		345	2.0	570		795	
125		350	2.0	575		800	
130		355	1.5	580		805	
135		360	.9	585		810	
140		365	.8	590		815	
145		370	.9	595		820	
150	1.1	375	.8	600		825	
155	1.2	380	.9	605		830	
160	1.0	385	1.0	610		835	
165	.8	390	1.0	615		840	
170	.7	395	.9	620		845	
175	.6	400	.9	625		850	
180	.6	405	1.2	630		855	
185	.5	410	1.2	635		860	
190	.5	415	1.0	640		865	
195	.6	420	.8	645		870	
200	1.4	425	1.3	650		875	
205	1.1	430		655		880	
210	.8	435		660		885	
215	1.6	440		665		890	
220	1.9	445		670		895	
225	1.6	450		675		900	

API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL COMPANY		Sample No. 4	Date Sampled 08-02-87
Field Blanco	Legal Description H-32-30-08	County or Parish San Juan	State NM
Lease or Unit	Well EPNG COM #1	Depth 300'	Formation Mesa Verde
Type of Water (Produced, Supply, etc.) Ground Bel		Water, B/D 1/4	Sampled By M. Williams

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	419	18.2
Calcium, Ca	398	19.8
Magnesium, Mg	29	2.4
Barium, Ba		

OTHER PROPERTIES

pH	8.00
Specific Gravity, 60/60 F.	1.0049
Resistivity (ohm-meters) 71.6° F.	4.2
Conductivity	2.4x10 ³ umho

Total Dissolved Solids (calc.) 2820

ANIONS

Chloride, Cl	28	0.8
Sulfate, SO ₄	1760	36.6
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	185	3.0
Hydroxide	0	0

Iron, Fe (total) _____
Sulfide, as H₂S 0

REMARKS & RECOMMENDATIONS:

