

#6R 30-045-26773 3908

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

Operator MERIDIAN OIL INC. Location: Unit K Sec. 16 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC D COM E #6R

cps 1939w

Elevation 6468' Completion Date 4/26/88 Total Depth 440' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" CASING

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. 220'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

OIL CON. DIV
DIST. 3

Depths anodes placed: 410', 400', 392', 384', 376', 270', 260', 250', 240', 230'

Depths vent pipes placed: 437'

Vent pipe perforations: 300'

Remarks: gb #1

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 4/26/88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1939 W	ATLANTIC D COM E-6R	2676 H 071040600	600 S = 1.1V	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
15 16-30-10	2" X 60"	DURION	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
440	437			
Anode Depth				
# 1 410	# 2 400	# 3 392	# 4 384	# 5 376
# 6 270	# 7 260	# 8 250	# 9 240	# 10 230
Anode Output (Amps)				
# 1 3.7	# 2 3.4	# 3 4.9	# 4 4.0	# 5 3.1
# 6 4.9	# 7 5.2	# 8 4.0	# 9 3.8	# 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.F. Cable Used		No. 2 D.P. Cable Used	
Volts 12.1	Amps 18.3	Ohms .66		

Remarks: Drilled To 400', HAD TO START IN. BEFORE WE HIT WATER BECAUSE OF SAND IN HOLE. NEXT AM. HOLE HAD CAVED IN BACK TO 300', WATER STANDING IN HOLE AT 220'. CLEARED HOLE TO 440', LOGGED 437'. SET 20' of 8" P.V.C. CASING, 1 Hr. setting. INSTALLED 437' of 1" P.V.C. VENT pipe, PERFORATED 300'.

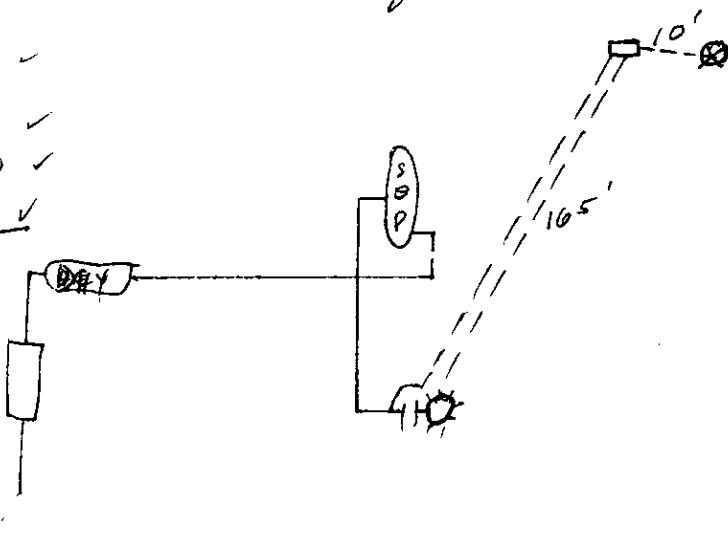
G.B. = 4074.00 ✓
 Rectifier Size: 40V 16A 669.00 ✓
 Addn'l Depth: _____
 Depth Credit: -63' -220.50 ✓
 Extra Cable: 195' 46.80 ✓
 Ditch & 1 Cable: 175' 122.50 ✓

All Construction Completed

25' Meter Pole: _____
 20' Meter Pole: 1 297.00 ✓
 10' Stub Pole: _____
 Junction Box: 1 225.00 ✓
 1 20' Joint of 8" P.V.C. 100.00 ✓
 1 Hr. Setting Time 138.00 ✓

~~#5551.80~~
~~TAX 222.59~~
~~#5821.39~~
 #5451.80 ✓
 TAX 272.59
 #5724.39 ✓

64168



D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

1939 W
S. P. No. ATLANTIC D CON E 6th Date 4-26-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mexico

If hole is a redrill or if moved from original staked position show distance
and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
<u>0</u>	<u>20</u>	<u>SAND</u>
<u>20</u>	<u>30</u>	<u>Shale</u>
<u>30</u>	<u>140</u>	<u>SAND</u>
<u>140</u>	<u>160</u>	<u>Shale</u>
<u>160</u>	<u>240</u>	<u>SAND</u>
<u>240</u>	<u>280</u>	<u>SANDY Shale</u>
<u>280</u>	<u>340</u>	<u>SAND</u>
<u>340</u>	<u>360</u>	<u>SANDY Shale</u>
<u>360</u>	<u>375</u>	<u>SAND</u>
<u>375</u>	<u>430</u>	<u>Shale</u>
<u>430</u>	<u>440</u>	<u>SANDY Shale</u>

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 220 Ft.

Driller Ronnie Brown

Catholic Protection Services Co.
1608 Schenfield Ln.
P.O. Box 8
Farmington, NM 87499
(505) 327-9215
(505) 325-1946

Date 4/20/88

Company Meridian

Well No. ATLANTIC D COM E-GR

Location K 16-30-10

Volts Applied 12.1

Amperes 18.3

5		230	2.3	⑩	455		680	
10		235	2.5		460		685	
15		240	2.6	⑨	465		690	
20		245	2.4		470		695	1-410-2.1-3.2
25		250	2.6	⑧	475		700	2-400-2.3-3.4
30		255	2.6		480		705	3-392-3.4-4.9
35		260	3.1	⑦	485		710	4-384-2.3-4.0
40		265	2.0		490		715	5-376-2.2-3.1
45		270	2.1	⑥	495		720	6-270-2.7-4.9
50		275	1.0		500		725	7-260-3.4-5.2
55		280	.4		505		730	8-250-2.6-4.0
60		285	.4		510		735	9-240-2.5-3.8
65		290	.3		515		740	10-230-2.5-3.7
70		295	.3		520		745	
75		300	.3		525		750	
80		305	.7		530		755	
85		310	1.0		535		760	
90		315	.9		540		765	
95		320	1.1		545		770	
100		325	1.3		550		775	
105		330	1.4		555		780	
110		335	1.6		560		785	
115		340	1.4		565		790	
120		345	1.2		570		795	
125		350	1.2		575		800	
130		355	1.2		580		805	
135		360	1.7		585		810	
140		365	1.3		590		815	
145		370	1.5		595		820	
150		375	2.0		600		825	
155		380	1.9	⑤	605		830	
160		385	2.0	④	610		835	
165		390	2.0	③	615		840	
170		395	2.4	②	620		845	
175		400	2.4	①	625		850	
180		405	2.3		630		855	
185		410	2.1	①	635		860	
190		415	1.9		640		865	
195		420	1.8		645		870	
200		425	1.6		650		875	
205		430	1.7		655		880	
210		435	4.37	T.R	660		885	
215		440		Drilled To	665		890	
220	1.1	445			670		895	
225	1.8	450			675		900	