

3932

30-045-26429

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 A Sec. 12 Twp 26 Rng 10Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #185E

cps 1850w

Elevation 6669' Completion Date 9/24/87 Total Depth 440' Land Type* N/ACasing, Sizes, Types & Depths 40' OF PVC CASINGIf 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. 200' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 365', 355', 345', 325', 315', 305', 295', 285', 270', 260'Depths vent pipes placed: N/AVent pipe perforations: 340'Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV

DIST. 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.

MERIDIAN OIL INC.
WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9-24-87

CPS #	Well Name, Line or Plant	Work Order #	State	Ins. Union Check
1850W	Huertano 185E		81 IV	☒ Good ☐ Bad
Location: <u>NE 12-26-10</u> Anode Size: <u>3" x 60"</u> Anode Type: <u>Duriron</u> Size Bit: <u>6 3/4"</u>				
Depth Drilled	Depth Logged	Drilling Rig Type	Total Lbs. Cables Used	Loss Circulation Mat'l Used
440	391	Whis		
No. Sacks Mud Used <u>Elev. 6669</u>				
Anode Depth				
# 1 365 # 2 355 # 3 345 # 4 325 # 5 315 # 6 305 # 7 295 # 8 285 # 9 270 # 10 260				
Anode Output (Amps)				
# 1 6.5 # 2 6.4 # 3 4.9 # 4 5.3 # 5 5.8 # 6 4.8 # 7 5.6 # 8 5.6 # 9 4.9 # 10 5.6				
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. 6 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.7 Amps 19.3 Ohms 7.61				

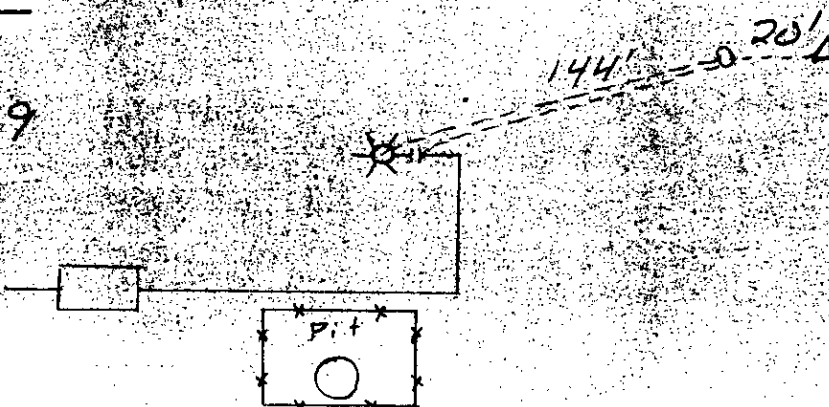
Remarks: Driller said water was at 200'. No water sample was taken. Vent pipe is perforated up to 180'. 40' of p.c. casing was set.

Rectifier Size: 40 V 16 A 4300
Addn'l Depth 880.00 casing
Depth Credit: 109 ✓ 5180
Extra Cable: 30 ✓ 4361
Ditch & 1 Cable: 20 ✓ 4744
Ditch & 2 Cable: 144 ✓ 7501
25' Meter Pole: 7801
20' Meter Pole: 7489
10' Stub Pole: 15000
Junction Box: 4000

5074.18
fx 251.21
5275.39

All Construction Completed

Pandy Laniel
(Signature)



6669

MERIDIAN OIL

P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 9-24-87

DEEP WELL GROUND BED LOG

Company Meridian Oil (Berge Corp.)

Well No. 185E Location Huertano Volts Applied 11.76 Amperes 19.3

Depth	Time	Current	Pressure	Temperature	Remarks
230	1.4				
235	.9				
240	.8				
245	.7				
250	.8				
255	1.7				
260	2.9				
265	2.5				
270	2.8				
275	2.8				
280	2.8				
285	2.7				
290	2.4				
295	2.9				
300	2.9				
305	2.6				
310	2.7				
315	2.8				
320	3.0				
325	2.7				
330	2.5				
335	2.0				
340	1.8				
345	2.5				
350	2.6				
355	2.8				
360	3.0				
365	3.0				
370	2.8				
375	2.4				
380	2.5				
385	3.0				
390	TD 391				
395					
400					
405					
410					
415					
420					
425					
430					
435					
440					
445					
450					
455					
460	1 265 4.1				
465	2 355 3.9				
470	3 345 3.1				
475	4 325 2.9				
480	5 315 3.0				
485	6 305 2.8				
490	7 295 2.8				
495	8 285 2.8				
500	9 270 2.8				
505	10 260 2.8				
510					
515					
520					
525					
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815					
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835					
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845					
850					
855					
860					
865					
870					
875					
880					
885					
890					
895					
900					

FINALS

- 6.5
- 6.4
- 4.9
- 5.3
- 5.8
- 4.8
- 5.6
- 5.6
- 4.9
- 5.6

BURGE CORROSION SYSTEMS, INC.

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

005 1850 W

COMPANY Meridian DAILY DRILLING REPORT 4-23 1987

WELL NAME: <u>Huerfano</u>	WELL NUMBER: <u>175 E</u>	SECTION: <u>12</u>	TOWNSHIP: <u>26 N</u>	RANGE: <u>10 W</u>
WATER AT: <u>160ft + 200 ft</u>		FEET: <u>6 3/4</u>	HOLE MADE: <u>400</u>	

DESCRIPTION OF FORMATION

FROM	TO	FORMATION IS	COLOR
0	10	Sand	Brown
10	40	Sand & Sand stone	tan
40	60	Shale	dk Grey
60	70	Sand stone	Brown
70	100	Shale	dk Grey
100	110	Sand stone	lt Grey
110	130	Sandy shale	dk Grey
130	140	Sand stone	lt Grey
140	140 160	Watersand	md Grey
140 160	170 170	Shale	dk Grey
150 170	200	Watersand	md Grey
200	240	Shale	dk Grey
240	250	Sand stone	lt Grey
250	400 390	Shale	dk Grey - Purple
390	400	Sand stone	md Grey
		T.O. 400 ft	
		SET 40 ft P.U.C Casing	

REMARKS: No water sample. Set 40ft. casing

Robert Burn

Driller

Tool Dresser