

30-045-20448

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

Operator MERIDIAN OIL Location: Unit M Sec. 6 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #188

cps 897w

Elevation 6981' Completion Date 7/15/88 Total Depth 260' 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. 40', 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 240', 230', 220', 210', 200'

Depths vent pipes placed: 260' OF 1" PVC VENT PIPE

Vent pipe perforations: BOTTOM 240'

Remarks: qb #2

RECEIVED
MAY 31 1991
OIL CO.

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

01693
comp 7-22-88

Drilling Log (Attach Hereto) ☒Completion Date 7-15-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check:	
897W		Hurricane unit 188-DK		52310A				☐ Good ☐ Bad	
Location		Anode Size:		Anode Type:		Size Bit:			
MO6-25-09		1/2" x 20"		Lida		6"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Goke Used		Lost Circulation Mat'l Used	
260'		255'							
Anode Depth									
# 1 240' to 2 200'		# 3		# 4		# 5		# 6	
# 1		# 2		# 3		# 4		# 5	
Anode Output (Amps)									
# 1		# 2		# 3		# 4		# 5	
Anode Depth									
# 11		# 12		# 13		# 14		# 15	
# 11		# 12		# 13		# 14		# 15	
Anode Output (Amps)									
# 11		# 12		# 13		# 14		# 15	
Total Circuit Resistance									
Volts 11.9		Amps 17.8		Ohms .66		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: Driller said water to at 40' and 100'. No surface casing. Installed 260' of 1" PVC vent pipe, bottom 240 perforated. 1 five anode string, 10' center to center, total length 40'. Hole logged with 2 1/2" x 2' duriron anode Corbo 60 cde with anodes (75') from bottom to 170'. Metallurgical Coke to surface.

Q B 4073.00¢ including junction box

Rectifier Size: 40 V 16 A

Addn'l Depth

Depth Credit: 240' @ 3.50Extra Cable: 10' @ .24Ditch & 1 Cable: 170' @ .70

25' Meter Pole:

20' Meter Pole:

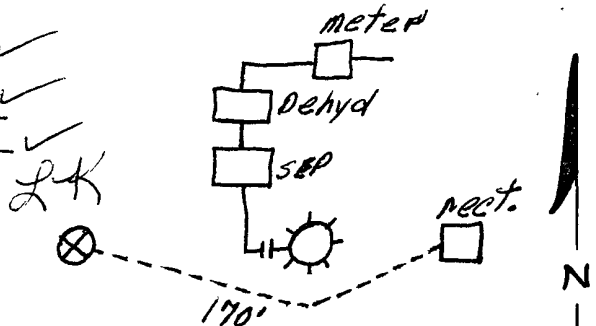
10' Stub Pole:

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH

3355.40	3354.40 ✓
164.77	167.72 ✓
<u>3523.17</u>	<u>3522.12</u> ✓



D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Huerfano #188 Date 7-15-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	40	Shale
40	50	SAND ✓
50	90	Shale
90	105	SAND ✓
105	145	Shale
145	155	SANDY Shale
155	260	Shale

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 40' & 100'

Driller Ronnie Brown

WELL TYPE GROUND BED DATA

C/A SHEET NO. _____

COMPANY DEERLEMAN OIL JOB NO. 131385 DATE: 7-15-88WELL: ABERFARNO # 188 PIPELINE: _____LOCATION: SEC 6 TWP 25 ROL. 3 CO. SAN JUAN STATE NMEXELEV. _____ FT.: ROTARY 260 FT: CABLE TOOL 0 FT: CASING 0 FTGROUND BED: DEPTH _____ FT. DIA. 6 IN. CAS _____ LBS. ANODES 5 KIDDA STRIP

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE				NO COKE		WITH COKE		ANODE NO.	DEPTH TOP OF ANODES
		E	I	R	I	I	I	I	I		
50	First chapter 40										
55											
60											
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490											
495											
500											

GROUND BED RESISTANCE: (1) VOLTS 11.9 - AMPS 17.8 - OHMS 66

EM VISAOROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

LURENS 3000