

3198

E

30-045-26663

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 M Sec. 19 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #101E

cps 1983w

Elevation 5947' Completion Date 7/29/88 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF 8" PVC 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. 40' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 370', 355', 335', 295', 275', 185', 175', 125', 100', 80'

Depths vent pipes placed: 400'

Vent pipe perforations: 360'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. ?

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.

405
300 ps

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

comp
8-2-88

Drilling Log (Attach Hereto) ☒

Completion Date 7-29-88

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1983W	Thurman 101E	54570A	600N = 776	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
M 19-27-10	9" x 60"	Duriron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Goke Used	Lost Circulation Mat'l Used
400'	395'			
Anode Depth				
# 1 370	# 2 355	# 3 335	# 4 295	# 5 275
# 6 185	# 7 175	# 8 125	# 9 100	# 10 80
Anode Output (Amps)				
# 1 4.0	# 2 5.0	# 3 6.3	# 4 3.5	# 5 5.6
# 6 4.2	# 7 4.8	# 8 6.4	# 9 8.4	# 10 7.8
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 11.8	Amps 29.4	Ohms 40		

Remarks: Duriron said water to be at 40'. Installed 40' of 8" PVC surface casing, Installed 400' of 1" PVC vent pipe, bottom 360' perforated. no water sample.

Rectifier Size: 40 V 16 A G.B. 4074.00
669.00

Add'l Depth -367.50

Depth Credit: 105' @ 3.50 27.60

Extra Cable: 115' @ .24 27.60

Ditch & 1 Cable: 245' @ .70 171.50

25' Meter Pole: 297.00

20' Meter Pole: 297.00

10' Stub Pole: 297.00

1 function box 225.00

40' surface casing 220.00

2 hrs rig time 276.00

5592.60

299.63

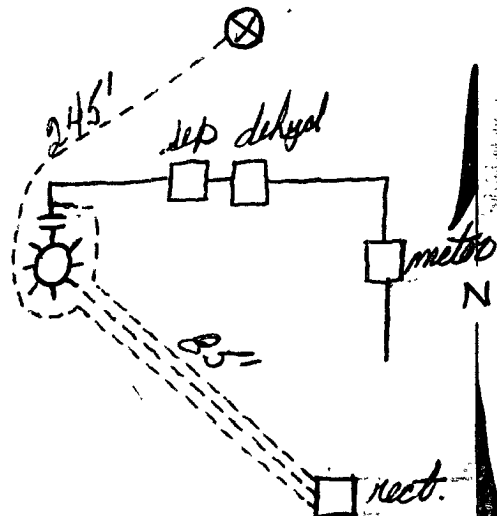
5892.23

5947

All Construction Completed

Chas Redman
(Signature)

GROUND BED LAYOUT SKETCH



20' solid

380' perforated

WE' TYPE GROUNDED CATH

DATA SHEET NO. _____

COMPANY Meridian Oil JOB No. 13128 DATE: 7-29-88
 WELL: Huerfano Unit #101 E PIPELINE: _____
 LOCATION: SEC. 19 TWP. 27 RGE. 10 CO. San Juan STATE NM
 ELEV. _____ FT: ROTARY 400 FT: CABLE TOOL _____ FT: CASING 40'
 GROUNDED: DEPTH 400 FT. DIA. 6 3/4 IN. GAS 4000 LBS. ANODES 10-2"x60" Type

DEPTH. FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			ANODE NO.	DEPTH TOP OF ANODE
		E	I	R		
50	First water 40' Shale	3.8				
5		3.7				
60		3.9				
5		3.6				
70		3.4				
5		3.6				
80		3.7	7.8	5.3	10.	80.
5		3.3				
90		3.3				
5		3.1				
100		3.6	8.4	4.9	9.	100
5		3.2				
10		3.0				
5		3.4				
20		3.5				
5		3.0	6.4	4.0	8.	125.
30		2.5				
5		2.1				
40		1.8				
5		2.1				
50	Sand	1.6				
5		1.4				
60		1.4				
5		1.2				
70		1.6				
5		2.6	4.8	2.9	7.	175.
80		2.5				
5		2.2	4.2	2.8	6.	185
90		1.5				
5		1.3				
200		1.8				
5		1.3				
10		1.3				
5		1.3				
20		1.1				
5		1.2				
30		1.3				
5		1.1				
40		1.1				
5		.9				
50	Sand	.8				
5		.9				
60		1.6				

GROUNDED RESISTANCE: (1) VOLTS 11.8 - AMPS 29.4 - .40 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY

DATA SHEET NO.

GROUNDED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANCHORS _____

(2) VIBROGROUND. _____ CHMS

LUKENS COMPANY

D. Crass DRILLING CO.

Drill No. 3

1983

DRILLER'S WELL LOG

S. P. No. HUCR FAW #100-E Date 7-29-88

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	30	SAND
30	90	Shale
90	95	SAND
95	150	Shale
150	170	SAND
170	210	SANDY shale
210	245	SANDSTONE
245	260	SANDY shale
260	295	Shale
295	320	SANDY shale
320	385	Shale
385	400	SANDY shale

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @

40' CASING 2 Hrs. 40'

Driller Ronnie Brown