

3185

E

30-045-26909

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 B Sec. 29 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced CEDAR HILL SWD #1

cps 1996w

Elevation 6059' Completion Date 9/19/88 Total Depth 360' Land Type* N/A

Casing, Sizes, Types & Depths 25' 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. 130'

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: 320', 285', 275', 265', 245', 230', 215', 200', 185', 170'

Depths vent pipes placed: 350'

Vent pipe perforations: 280'

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.

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

Comp
9-28-88

Drilling Log (Attach Hereto) ☒

Completion Date 9-19-88

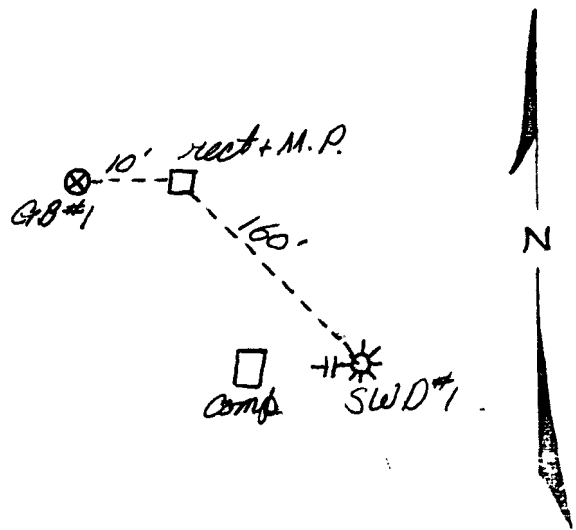
CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
1996W	Cedar Hill SWD #1	3088A		☐ Good ☒ Bad
Location	Anode Size	Anode Type	Size Bit	
B29-32-10	2" x 60"	Diviron	634	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
360'	350'			
Anode Depth				
# 1 320	# 2 285	# 3 275	# 4 265	# 5 245
# 6 230	# 7 215	# 8 200	# 9 185	# 10 170
Anode Output (Amps)				
# 1 3.7	# 2 4.0	# 3 4.5	# 4 4.3	# 5 3.4
# 6 4.3	# 7 4.2	# 8 4.2	# 9 4.0	# 10 4.6
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. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.87	Amps 23.1	Ohms .51		

Remarks: Static water was at 130'. Installed 350' of 1" PVC vent pipe, bottom 360' perforated. Union at well head is not insulated, static test was run. Installed 25' of surface casing 1 1/2 hours rig time.

GB 4074.00 ✓
Rectifier Size: 40 V 16 A 669.00 ✓
Add'l Depth
Depth Credit: 130' @ 3.50 - 525.00 ✓
Extra Cable: 20' @ .24 4.80 ✓
Ditch & 1 Cable: 170' @ .70 119.00 ✓
Ditch & 2 Cable:
25' Meter Pole:
20' Meter Pole: 1 @ 294.00 294.00 ✓
10' Stub Pole:
Junction Box: 1 @ 225 225.00 ✓
25' of casing 137.50 ✓
1 1/2 hour rig time 207.00 ✓
5208.30 ✓
tax 260.42 ✓
5468.72 ✓
LK

All Construction Completed

Calvin Rodman
(Signature)



Leosy

CR# 196W

D. Crass DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Cedar Hill SWD#1 Date 9-19-88

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	25	SAND
25	55	Shale
55	70	SAND
70	120	Shale
120	130	SAND
130	160	Shale

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Set 25' casing 1.5 Hrs.
Water @ 130'

Driller Rennie Brown

D. SHEET NO. _____

CPS #1996W

COMPANY _____ JOB No. _____ DATE: _____

WELL: _____ PIPELINE: _____

LOCATION: SEC _____ TWP. _____ RGE. _____ CO. _____ STATE _____

ELEV. _____ FT. ROTARY _____ FT. CABLE TOOL 0 FT. CASING 25

GROUNDLESS: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R				
	<u>First water 130</u>							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
200								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								

GROUNDLESS RESISTANCE: (1) VOLTS 11.87 - AMPS 23.1 - .51 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A. LUKENS COMPANY

COMPANY _____ JOB No. _____ DATE: _____

WELL: _____ PIPELINE: _____

LOCATION: SEC _____ TWP _____ RGE _____ CO. _____ STATE _____

ELEV. _____ FT.: ROTARY _____ FT.: CABLE TOOL _____ FT.: CASING _____

GROUNDING: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH F.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO	WITH	ANODE	DEPTH TOP OF ANODES
		E	I	R	COKE	COKE	NO.	
					I	I		
60			2.7					
65			2.6		3.3	4.3	4	265
70			2.9					
75			2.8		2.9	4.5	3	275
80			2.6					
85			2.7		3.0	4.0	2	285
90			2.3					
95			2.3					
300			2.0					
5			1.8					
10			1.7					
15			1.8					
20			2.6		2.8	3.7	1	320
25			2.4					
30			2.2					
35			2.0					
40			1.7					
45			1.5					
50	TD 350'		1.6					
55								
60								
65								
70								
75								
80								
85								
90								
95								
400								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								

GROUNDING RESISTANCE (1) VOLTS _____ - AMPS _____ - OHMS _____

(2) VIBROGROUND _____ OHMS _____

GENERAL CATHODIC PROTECTION SERVICES CO.