

#2E 30-045-26246 3935

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 D Sec. 20 Twp 27 Rng 11

Name of Well/Wells or Pipeline Serviced ANGEL PEAK #2E

cps 1853w

Elevation 6189' Completion Date 11/13/87 Total Depth 300' 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. 30' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 265', 205', 170', 160', 150', 140', 130', 120', 110', 100'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

X Remarks: gb #1

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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.
 Farmington Region
 Post Office Box 4239
 Farmington, New Mexico 87499
 (505) 327-0251

General X

Drilling Log (Attach Here) ☐ WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 11-13-87
 DAILY LOG

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1853W	Angel Peak 2E		79 N.W.	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
D20-27-11	2" x 60"	Duriron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Loss Circulation Mat'l Used
300	295	4 hrs		
Anode Depth				
#1 265	#2 205	#3 170	#4 160	#5 150
#6 140	#7 130	#8 120	#9 110	#10 100
Anode Output (Amps)				
#1 5.6	#2 5.0	#3 7.0	#4 6.8	#5 7.8
#6 8.1	#7 7.6	#8 7.0	#9 5.7	#10 6.4
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 11.9	Amps 32	Ohms .37		

Remarks: Driller said water was at 40'. No water sample was taken. Vent pipe is perforated up to 40'.

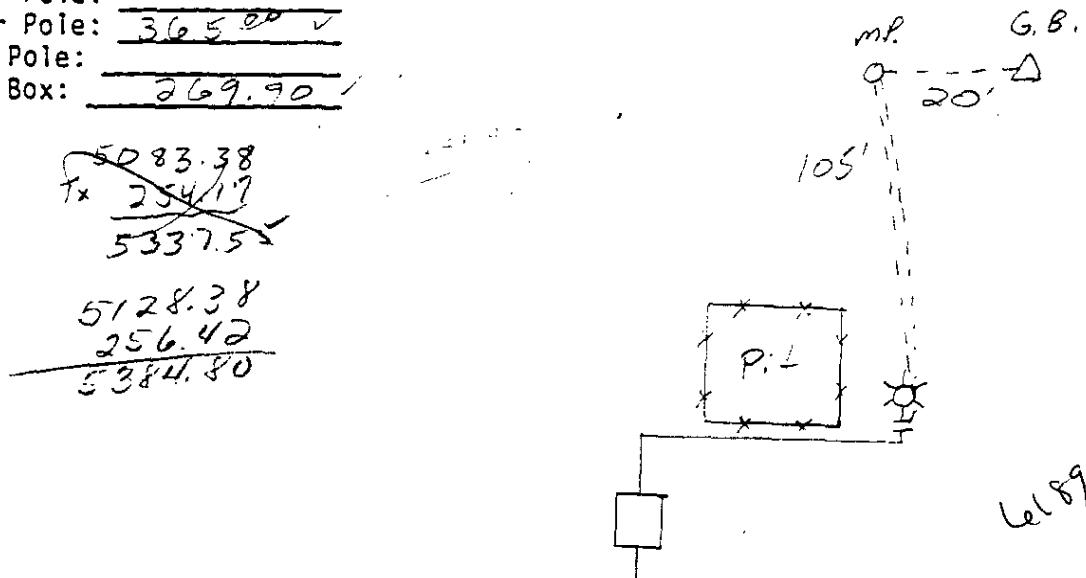
Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: 205 ✓
 Extra Cable: 30 ✓
 Ditch & 1 Cable: 20 ✓
 Ditch & 2 Cable: 105
 25' Meter Pole: _____
 20' Meter Pole: 365.00 ✓
 10' Stub Pole: _____
 Junction Box: 269.90 ✓

799.98
 4399.00
 - 8200.00
 4378.98
 6.00 ✓
 14.00 ✓
 94.00 ✓

All Construction Completed

Randy Smith
 (Signature)

GROUND BED LAYOUT SKETCH



[illegible]

GENERAL CPS
CATHODIC PROTECTION SERVICES
WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

COMPANY _____ JOB No. _____ DATE: _____

WELL: ANGER PGM #2E PIPELINE: _____

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

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

GROUND BED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	DEPTH TOP OF ANODES	
		E	I	R			NO.	FT.
5	FIRST WATER AT 35'							
10	SAND							
15								
20								
25								
30								
35								
40								
45								
50								
55								
60								
65	SHALE							
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80	SAND							
85								
90								
95								
100								
5	SHALE & SAND							
10								
15								

GROUND BED RESISTANCE: (1) VOLTS _____ - AMPS _____ - OHMS

(2) VIBROGROUND _____ OHMS

GENERAL

CATHODIC PROTECTION SERVICES

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

COMPANY _____ JOB No. _____ DATE: _____

WELL: _____ PIPELINE: _____

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

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

GROUND BED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	DEPTH TOP OF ANODES	
		E	I	R			NO.	FT.
20	SHALE & SAND							
25								
30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
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95								
400								
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25								
30								

GROUND BED RESISTANCE: (1) VOLTS _____ - AMPS _____ - _____ OHMS

(2) VIBROGROUND _____ OHMS