

30-045-24817

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 I Sec. 27 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced MURPHY D #4

cps 1929w

Elevation 5976' Completion Date 4/11/88 Total Depth 340' 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. 160'

RECEIVED
MAY 21 1988

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 13

Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 245', 235', 220', 205', 195', 185', 175', 165'

Depths vent pipes placed: 326'

Vent pipe perforations: 286'

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.

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☐

Prop. I.D. 071038800 Completion Date 4/10/88
Comp 4-13-88

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check					
1929 W	MURPHY D #4	2638A	.88V	5					
Location: SE 27-30-11	Anode Size: 2" X 60"	Anode Type: DURIUM	Size Box: 6 3/4"						
Depth Drilled: 340'	Depth Logged: 326'	Drilling Rig Time	Total Lbs. Gelco Used	Lost Circulation Mat'l Used					
Anode Depth	#1 300'	#2 290'	#3 245'	#4 235'	#5 220'	#6 205'	#7 195'	#8 185'	#9 175'
Anode Output (Amps)	#1 5.1	#2 5.5	#3 5.5	#4 6.3	#5 6.8	#6 5.9	#7 6.4	#8 6.6	#9 6.2
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19
Anode Output (Amps)	#11	#12	#13	#14	#15	#16	#17	#18	#19
Total Circuit Resistance	Volts 11.8 V	Amps 29.6 A	Ohms .4	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used				

Remarks: Drilled to 300', on 4/8, damp spots in hole from 50' to 80'.
hole had a knot in it at 50'. Vent back in hole on 4/8. Water
standing at 160'. took water sample. Drilled to 340', logged 326', installed
326' of 1" p.v.c. vent pipe, perforated to 286'.

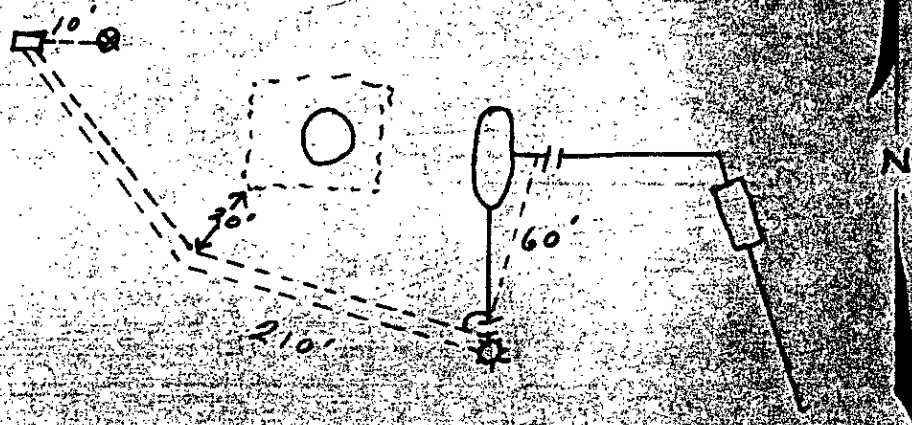
G.B. = \$4074.00

Rectifier Size: 40V 16A	669.00
Add'l Depth 0	
Depth Credit: -174'	-609.00
Extra Cable: 250'	60.00
Ditch & Cable: 280'	196.00
25' Meter Pole: -	
20' Meter Pole: 1	297.00
10' Stub Pole: -	
Junction Box: 1	225.00

All Construction Completed

JE Stalter
(Signature)

4912.00
TX 24560
TOTAL 5157.60
TOTAL 4912.00
TAX



2176

MERIDIAN OIL

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

Date 4/11/85

DEEP WELL GROUND BED LOG

Company Meridian Oil

Well No. 27-30-11

Location 27-30-11

Volts Applied 1680

5					230	2.5				455					680
10					235	1.4	0			460					685
15					240	2.5				465					690
20					245	2.3	0			470					695
25					250	2.2				475					700
30					255	2.0				480					705
35					260	2.1				485					710
40					265	1.5				490					715
45					270	1.5				495					720
50					275	1.2				500					725
55					280	1.4				505					730
60					285	1.6				510					735
65	1.6				290	2.3	0			515					740
70	1.6				295	2.3				520					745
75	1.7				300	2.2	0			525					750
80	1.5				305	2.0				530					755
85	1.1				310	2.0				535					760
90	1.1				315	2.1				540					765
95	1.9				320	2.7				545					770
100	1.0				325	2.6	0			550					775
105	1.6				330					555					780
110	1.4				335					560					785
115	1.3				340					565					790
120	1.2				345					570					795
125	1.2				350					575					800
130	1.1				355					580					805
135	1.1				360					585					810
140	1.1				365					590					815
145	1.1				370					595					820
150	1.1				375					600					825
155	1.1				380					605					830
160	1.1				385					610					835
165	2.1	0			390					615					840
170	2.1	0			395					620					845
175	2.1	0			400					625					850
180	2.1	0			405					630					855
185	2.1	0			410					635					860
190	2.1	0			415					640					865
195	2.1	0			420					645					870
200	2.1	0			425					650					875
205	2.1	0			430					655					880
210	2.1	0			435					660					885
215	2.1	0			440					665					890
220	2.1	0			445					670					895
225	2.1	0			450					675					900

D. C. IRSS

DRILLING CO. 1922

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Murphy D #4 Date 4-10-88

Client _____ Prospect _____

County _____ State New Mexico

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

FROM	TO	FORMATION -- COLOR -- HARDNESS
<u>0</u>	<u>10</u>	<u>Shale</u>
<u>10</u>	<u>90</u>	<u>SAND</u>
<u>90</u>	<u>100</u>	<u>Shale</u>
<u>100</u>	<u>130</u>	<u>SOFT SANDSTONE</u>
<u>130</u>	<u>285</u>	<u>Shale</u>
<u>285</u>	<u>340</u>	<u>SAND & Shale</u>
		<u>Water at 160 Ft.</u>

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller Ronnie Brown