

#2 = 30-045-07016
#3 = 30-045-20827
#1A = 30-045-26487

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

Operator MERIDIAN OIL Location: Unit NW Sec. 32 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced PHILLIPS #2, #3, #1A

cps 646w

Elevation 6739' Completion Date 10/5/73 Total Depth 700' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 9000 lbs.

Depths anodes placed: 525', 515', 495', 485', 440', 430', 420', 355', 335'

Depths vent pipes placed: N/A

Vent pipe perforations: 487'

Remarks: qb #2

RECEIVED

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

W-07-0235 Rev. 10-81

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

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
646-w	PHILLIPS # 1-A PHILLIPS # 2 PHILLIPS # 3			☒ Good ☐ Bad
Location: A-32-28-8	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled: 540'	Depth Logged: 530'	Drilling Rig Type:	Total Lbs. Cable Used:	Lost Circulation Mat'l Used:
No. Sacks Mud Used:				
Anode Depth:				
# 1 380	# 2 372	# 3 364	# 4 356	# 5 348
# 6 340	# 7 272	# 8 244	# 9 200	# 10 190
Anode Output (Amps):				
# 1 3.6	# 2 3.8	# 3 4.8	# 4 4.8	# 5 3.9
# 6 3.1	# 7 3.3	# 8 3.4	# 9 3.9	# 10 3.2
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:				
Volts 12.05	Amps 15.2	Ohms .79	No. 8 C.P. Cable Used:	
No. 2 C.P. Cable Used:				

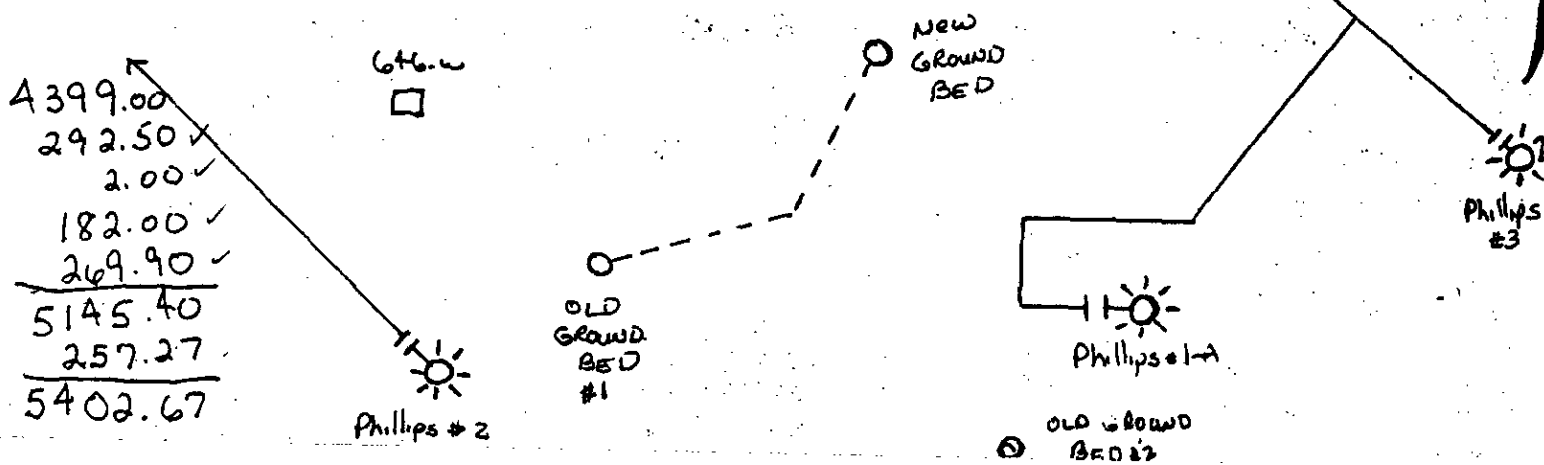
Remarks: DRILLED 540, LOGGED 530'. HIT WATER BETWEEN 160' - 180'.
 NOT ENOUGH FOR SAMPLE. INSTALLED 535' of 1" PVC VENT
 PIPE; PERFORATED 460'.

Rectifier Size: — V — A
 Addn'l Depth: 30' ✓
 Depth Credit: —
 Extra Cable: 10' ✓
 Ditch & 1 Cable: 260'
 Ditch & 2 Cable: —
 25' Meter Pole: —
 20' Meter Pole: —
 10' Stub Pole: —
 Junction Box: —

All Construction Completed


 (Signature)

GROUND BED LAYOUT SKETCH



MERIDIAN OIL

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

Date 11-11-87

DEEP WELL GROUND BED LOG

Company MERIDIAN OIL
Well No. Phillips#1-A Location NW 32-28-8 Volts Applied 12.05 Amperes 7.9

Depth (ft)	Log Reading	Depth (ft)	Log Reading	Depth (ft)	Log Reading
5		230	.7	455	1.1
10		235	.9	460	.6
15		240	.9	465	.4
20		245	.6	470	.4
25		250	1.0	475	.3
30		255	.9	480	.4
35		260	1.2	485	.5
40		265	1.7	490	.5
45		270	1.6	495	.5
50		275	1.1	500	.5
55		280	.8	505	.7
60		285	.8	510	1.0
65		290	1.0	515	1.0
70		295	.8	520	.9
75		300	.9	525	.8
80		305	.9	530	.8 TD 530
85		310	.8	535	
90		315	.8	540	
95		320	.9	545	
100		325	.8	550	
105		330	.8	555	
110		335	1.0	560	
115		340	1.7	565	
120		345	1.6	570	
125		350	2.2	575	
130		355	2.1	580	
135		360	1.9	585	
140		365	2.3	590	
145		370	1.8	595	
150		375	1.6	600	
155		380	1.5	605	
160		385	.6	610	
165		390	.5	615	
170		395	.4	620	
175		400	.7	625	
180	1.0	405	.5	630	
185	1.2	410	.4	635	
190	1.6	415	.4	640	
195	2.5	420	.4	645	
200	1.8	425	.6	650	
205	1.0	430	.5	655	
210	.8	435	.5	660	
215	.7	440	.6	665	
220	.7	445	1.0	670	
225	.7	450	1.2	675	
				680	0 330-17 - 3.6
				685	0 372-18 - 3.8
				690	0 364-26 - 4.8
				695	0 356-24 - 4.8
				700	0 348-22 - 3.9
				705	0 340-20 - 3.1
				710	0 272-18 - 3.3
				715	0 264-21 - 3.2
				720	0 200-24 - 3.9
				725	0 190-20 - 3.5
				730	
				735	
				740	
				745	
				750	
				755	
				760	
				765	
				770	
				775	
				780	
				785	
				790	
				795	
				800	
				805	
				810	
				815	
				820	
				825	
				830	
				835	
				840	
				845	
				850	
				855	
				860	
				865	
				870	
				875	
				880	
				885	
				890	
				895	
				900	