

30-045-26886

3884

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 A Sec. 25 Twp 30 Rng 8Name of Well/Wells or Pipeline Serviced HOWELL L #301

cpa 1961w

Elevation 6130' Completion Date 6/10/88 Total Depth 480' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 80' & 160'**RECEIVED**

MAY 8 1 1991

Depths gas encountered: N/A**OIL CON. DIV.**
DIST. 3Type & amount of coke breeze used: N/ADepths anodes placed: 420', 410', 380', 370', 360', 275', 265', 190', 180', 170'Depths vent pipes placed: 465'Vent pipe perforations: 380'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.

1966
D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S P No. Howell L 301 Date 6-10-89
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	20	SANDstone
20	60	Shale
60	80	SANDstone
80	90	SAND
90	110	SANDy Shale
110	160	SANDstone
160	170	SAND
170	230	Shale
230	260	SANDstone
260	320	Shale SANDy
320	410	SAND & SANDstone
410	425	SANDy Shale
425	480	SAND
Mud		Brn
		Lime

Rock Bit Number _____ Make _____

Remarks: _____

80' + 160' Water

Driller RONNIE BROWN

Catholic Protection Services Co.
1608 Ashfield Ln.
P.O. Box 8
Farmington, NM 87499
(505) 327-9215
(505) 325-1946

Date 6/10/88

Company Meridian O.C.

Well No. Howell L-301 Location A-25-30-8 Volts Applied 12.11 Amperes 12.4

5		230	.8	455	.7	680	
10		235	.7	460	.7	685	
15		240	.7	465		690	
20		245	.7	470		695	
25		250	.7	475		700	1-420 - 1.8 - 2.9
30		255	.7	480	Drilled To	705	2-410 - 2.0 - 2.8
35		260	.8	485		710	3-380 - 1.4 - 2.3
40		265	1.0 - (7)	490		715	4-370 - 1.6 - 2.2
45		270	1.4	495		720	5-360 - 1.4 - 1.8
50		275	1.4 - (6)	500		725	6-275 - 1.7 - 1.2
55		280	.9	505		730	7-265 - 1.7 - 2.3
60		285	.5	510		735	8-190 - 2.4 - 3.7
65		290	.4	515		740	9-180 - 2.3 - 3.3
70		295	.4	520		745	10-170 - 2.5 - 3.0
75		300	.5	525		750	
80		305	.5	530		755	
85	WATER	310	.7	535		760	
90		315	.6	540		765	
95		320	.6	545		770	
100		325	.5	550		775	
105		330	.6	555		780	
110		335	.7	560		785	
115		340	.8	565		790	
120		345	.9	570		795	
125		350	.9	575		800	
130		355	.9	580		805	
135		360	1.0 - (5)	585		810	
140		365	1.1	590		815	
145		370	1.1 - (4)	595		820	
150		375	1.3	600		825	
155		380	1.3 - (3)	605		830	
160		385	1.0	610		835	
165		390	.8	615		840	
170	1.9 - WATER	395	.8	620		845	
175	1.7	400	.8	625		850	
180	1.8 - (2)	405	.9	630		855	
185	1.8	410	1.5 - (2)	635		860	
190	1.9 - (2)	415	1.3	640		865	
195	1.4	420	1.2 - (1)	645		870	
200	1.1	425	.9	650		875	
205	0.8	430	.8	655		880	
210	0.6	435	.9	660		885	
215	.8	440	.8	665		890	
220	.6	445	.8	670		895	
225	.7	450	.7	675		900	