

3537

2 = 30-045-09519
300 = 30-045-26918

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. 14 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL E #2, #300

cps 2096w

Elevation 5704' Completion Date 2/13/89 Total Depth 440' Land Type* N/A

Casing, Sizes, Types & Depths 72' OF 8" STEEL 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. 70' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 415', 405', 395', 385', 375', 265', 255', 245', 235', 225'

Depths vent pipes placed: 440'

Vent pipe perforations: 380'

Remarks: gb #5



OIL CON. DIV.
DIST. 8

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) ☒

Completion Date 2-13-89

CPS #	Well Name, Line or Plant: <u>#2</u>	Work Order #	Static:	Ins. Union Check
2096-w	Hawell "E" #300	3238A	600' E = .793	☒ Good ☐ Bad
Location: <u>A 14-30-8</u>		Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4"</u>
Depth Drilled: <u>440'</u>	Depth Logged: <u>435'</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth				
# 1 <u>415'</u>	# 2 <u>405'</u>	# 3 <u>395'</u>	# 4 <u>385'</u>	# 5 <u>375'</u>
# 6 <u>265'</u>	# 7 <u>255'</u>	# 8 <u>245'</u>	# 9 <u>235'</u>	# 10 <u>225'</u>
Anode Output (Amps)				
# 1 <u>5.5</u>	# 2 <u>5.0</u>	# 3 <u>5.4</u>	# 4 <u>4.9</u>	# 5 <u>4.4</u>
# 6 <u>4.7</u>	# 7 <u>4.2</u>	# 8 <u>4.4</u>	# 9 <u>4.8</u>	# 10 <u>4.3</u>
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 <u>11.96</u>		Amps <u>21.8</u>		Ohms <u>.549</u>

Remarks: DRILLED 440' ; LOGGED 435' DRILLER SAID WATER AT 70' NO SAMPLE. CABLE TOOL RIG SET 72' of 8" STEEL CASING. INSTALLED 440' of 1" PVC VENT PIPE, perforated BOTTOM 380'

Rectifier Size: 40 v 16 A
 Addn'l Depth _____
 Depth Credit: 65' 3.50
 Extra Cable: 360' .24
 Ditch & 1 Cable: 235' .70
 25' Meter Pole: _____
 20' Meter Pole: 1
 10' Stub Pole: _____
 Junction Box: 1

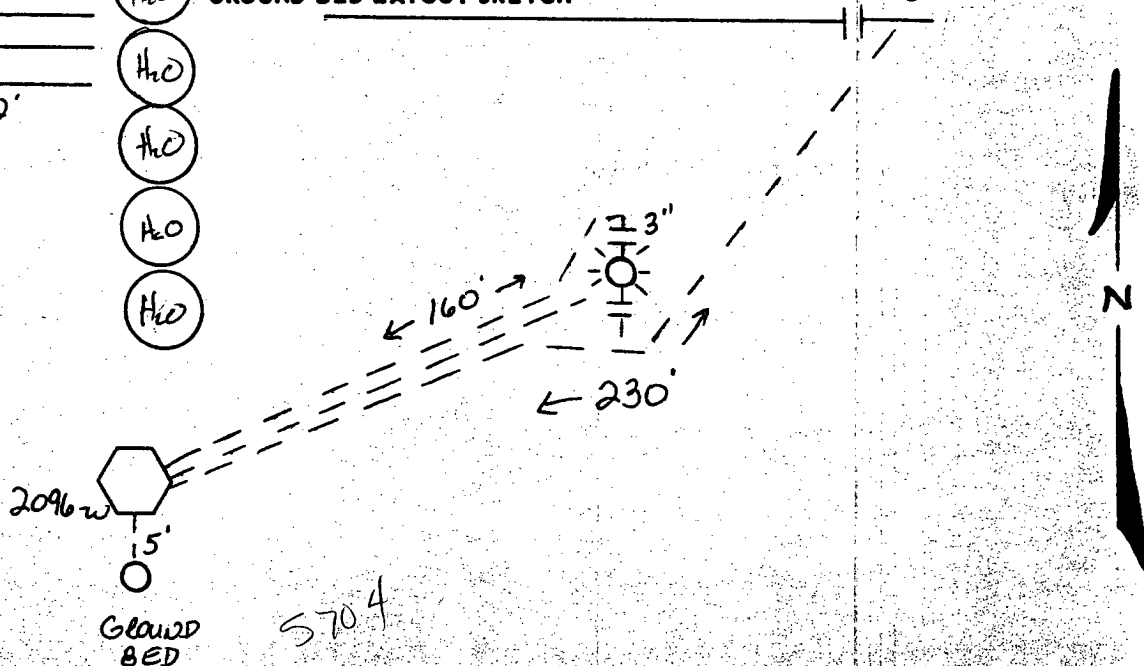
CABLE TOOL 27.50 x 72'

All Construction Completed

M. J. Williams
 (Signature)

EPN6 →

GROUND BED LAYOUT SKETCH



4074.00
 669.00
 - 227.50 ✓
 86.40 ✓
 164.50 ✓
 297.00 ✓
 225.00 ✓
 1980.00 ✓
 7268.40 ✓
 363.42 ✓
 7631.82 OK

GROUND BED

5704

2094
Danell Cross DRILLING CO.
Drill No. 0-1

DRILLER'S WELL LOG

S. P. No. Howell E 300 Date 2-13-89
Client Meridian oil Prospect _____
County San Juan State N. Mex

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	80	steel casing
80	90	Sandstone
90	160	Sandy shale
160	220	Sandstone, sand
220	265	sandy shale
265	370	Sandstone
370	420	Shale
420	440	Sandstone

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 70'

Driller Ron Matt