

1421

30-045-27080

E

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 M Sec. 29 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL E #301

cps 2154w

Elevation 5930' Completion Date 6/21/89 Total Depth 320' 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. 90'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 265', 255', 245', 235', 225', 195', 180', 170', 160', 150'

Depths vent pipes placed: 320'

Vent pipe perforations: 260'

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.

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

WELL CASING PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Here) ☒

Comp 7-12-89

Completion Date 6-21-89

CPS #		Well Name: Line or Plant:		Work Order #		Size:		Ins. Union Check	
2154-w		Howell "E" #301		3363A		600' N = .929		☒ Good ☐ Bad	
Location: M29-30-8		Anode Size: 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4"			
Depth Drilled: 320'		Depth Logged: 315'		Drilling Rig Type:		Total Lbs. Coke Used:		Lost Circulation Mat'l Used:	
Anode Depth:								No. Sacks Mat'l Used:	
# 1 265'	# 2 255'	# 3 245'	# 4 235'	# 5 225'	# 6 195'	# 7 180'	# 8 170'	# 9 160'	# 10 15
Anode Output (Amps):									
# 1 5.5	# 2 5.9	# 3 5.0	# 4 4.4	# 5 4.5	# 6 2.4	# 7 2.9	# 8 3.4	# 9 4.4	# 10 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:									
Volts: 11.72		Amps: 17.5		Ohms: .670		No. 8 C.P. Cable Used:		No. 2 C.P. Cable Used:	

Remarks: DRILLED 320' LOGGED 315'. DRILLER SAID WATER AT 90'. INSTALLED 320' of 1" PVC VENT PIPE PERFORATED BOTTOM 260'

* Build Power

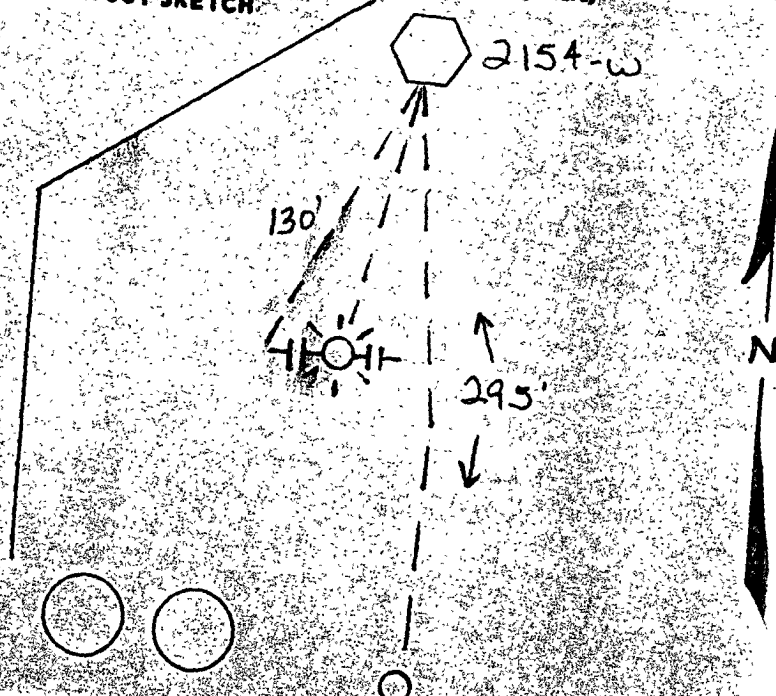
Rectifier Size: 40 V 16 A
Addn'l Depth: 185' 3.75 ✓
Extra Cable: 290' .20 ✓
Ditch & 1 Cable: 295' .70 ✓
25' Meter Pole: 1 ✓
20' Meter Pole: 1 ✓
10' Stub Pole: 1 ✓
Junction Box: 1 ✓

3870.00 ✓
599.00 ✓
-693.75 ✓
58.00 ✓
206.50 ✓
312.50 ✓
237.00 ✓
4589.25
229.46
4818.71 OKGZ

All Construction Completed

MR. D. Williams
(Signature)

GROUND-BED LAYOUT SKETCH



2154
D. CIASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Hewall E #301 Date 6-21-89
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
<u>0</u>	<u>100</u>	<u>SANDstone</u>
<u>100</u>	<u>200</u>	<u>shale</u>
<u>200</u>	<u>210</u>	<u>SANDstone</u>
<u>210</u>	<u>270</u>	<u>shale</u>
<u>270</u>	<u>300</u>	<u>SANDy shale</u>
<u>300</u>	<u>320</u>	<u>SANDstone</u>

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 90'

Driller Lennie Brown