

30-045-21775

5195

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. 29 Twp 31 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL D #2A

cps 942w

Elevation 6524' Completion Date 7/30/76 Total Depth 593' 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. WET AT 300'

Depths gas encountered: N/A

Type & amount of coke breeze used: 56 SACKS

Depths anodes placed: 525', 515', 450', 442', 434', 426', 416', 408', 400', 325'

Depths vent pipes placed: N/A

Vent pipe perforations: 500'

Remarks: 69gb#1

RECEIVED
MAY 31 1991
OIL CON. D.
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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Ref 942

Drilling Log (Attach Hereto) ☐

Completion Date 7-30-76

Well Name <u>Howell D # 2A</u>		Location <u>NW 29-31-8</u>		CPS No. <u>942W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>57042</u>	
Anode Hole Depth <u>Log 593</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>56</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>525</u>	<u>515</u>	<u>450</u>	<u>442</u>	<u>434</u>
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	<u>426</u>	<u>416</u>	<u>408</u>	<u>400</u>	<u>325</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>12.5</u>	Amps <u>12.0</u>	Ohms <u>1.04</u>			

Remarks: Drill to 200' - Dry Next A.M. - Drill to 300, Driller said
Wet, Start injection, Drill to 520 - Log & Not Enough
Dig Pit & Change to Mud Drill to 600
Vent Perforated 500.
Slurry 56 Coke

All Construction Completed

Donels
(Signature)

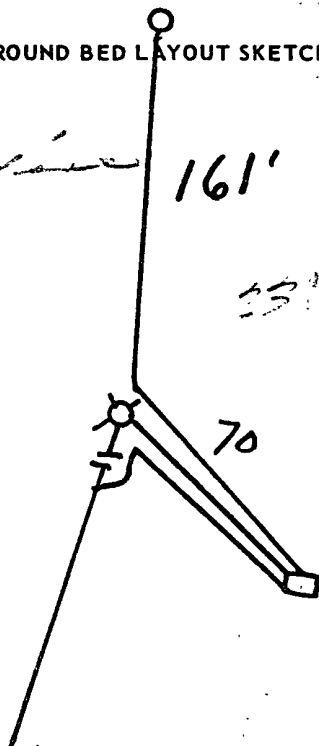
GROUND BED LAYOUT SKETCH

2248.50
1166.40 Depth
63.14 Cable
170.00 Anodes
217.25 Tank

3865.29
154.61 Tax

4019.90
215.40 Corp.
336.00 Equip
192.50 Rent

4763.80



LEASE

Howell CPS # 942 W
D WELL NO. # 24 CONT

WELL NO.

CONTRACTOR

Below

RIG NO.

38

REPORT NO.

DATE

7/30

19 76

MORNING

DAYLIGHT

EVENING

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

MW	gals/mol	
16.04	C ₁	6.4
30.07	C ₂	10 12
44 10	C ₃	10 42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17 2
100.21	C ₇	17.46
114.23	C ₈	19 39
28.05	C ₂ ²⁻	9.64
42.08	C ₃ ²⁻	9.67

MW	MISC.	
	gals/mol	
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

200 3
195 3 942 w

[illegible]