

E

768

1A-30-045-21719

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 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL E #1A

cps 1087w

Elevation 5865' Completion Date 6/3/77 Total Depth 480' 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. 135'

Depths gas encountered: N/A

Type & amount of coke breeze used: 54 SACKS

Depths anodes placed: 455', 445', 380', 370', 360', 350', 340', 330', 320', 260'

Depths vent pipes placed: 477'

Vent pipe perforations: 320'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 2

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

Rect Log

Drilling Log (Attach Hereto). ☐

Completion Date 6-3-77

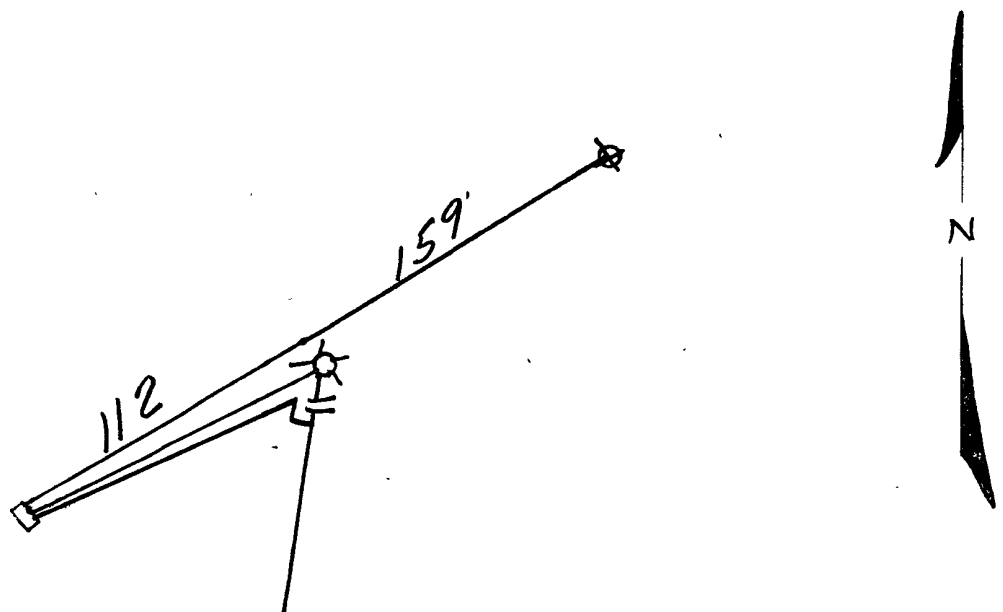
Well Name HOWELL E#1A		Location NW 29-30-8		CPS No. 1087W	
Type & Size Bit Used 63/4				Work Order No. 57027	
Anode Hole Depth 480 X 477		Total Drilling Rig Time		Total Lbs. Coke Used	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	455	445	380	370	360
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	4.9	4.7	4.8	4.6	4.9
Anode Depth	# 6	# 7	# 8	# 9	# 10
	350	340	330	320	260
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	5.3	5.1	5.1	5.0	5.2
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.9		Amps 24.2		Ohms 0.49
				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: **STATIC .89 600' WEST. DRILL TO 320. WATER**
NEXT AM. AT 135 - DRILLED TO 480' - WATER
AT 195 in 40 MINUTES
VENT TO 477, PERFORATED 320'
SLURRY 54 COKE

All Construction Completed

[Signature]
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
 YELLOW - Area Corrosion Office
 PINK - Originator File

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

_____, Company Supervisor

Static 0.39

NW 22-22-7

57027

HOWELL E#1A 1087W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 10.2
44	C ₃ 12.38
58	IC ₄ 11.93
72	IC ₅ 13.85
86	IC ₆ 15.50
100	IC ₇ 17.2
114	C ₈ 17.46
128	C ₉ 19.31
142	C ₁₀ 21.67

135	315	24	Dr. 11 320
40	30	25	Wtr Alex. 11/11 at 125
		25	Dr. 11 480
20	30	29	Wtr at 105 in 40 min
		27	
65	25	25	
		26	
70	50	28	477
		29	Wtr at 320
		27	54 coke
	60	27	
		25	
	70	21	1 4.55 - 3.0 4.9
		25	2 4.25 - 3.4 4.7
17		25	3 3.80 - 3.5 4.8
300 17	80	25	4 3.10 - 3.4 4.6
17		21	5 3.60 - 3.9 4.9
14	90	18	6 2.50 - 4.0 5.3
1.0		15	7 2.10 - 3.7 5.1
60 10	400	14	8 3.25 - 3.8 5.1
1.0		15	9 3.10 - 3.7 5.0
11	10	16	10 3.60 - 4.0 5.2
17		17	
13	20	20	
13		17	
50 15	30	15	11.90V 24.2A = 0.49
22		15	
60 26	40	15	
27		23	
70 24	50	25	
21		23	
20 15	60	19	
15		23	
90 15	70	26	
15		477 TD	
300 15	80		
16			
17 2			

MW	MISC	gas/mol
44	CO ₂	5.38
34	H ₂ S	1.7
28	N ₂	4.16
2	H ₂	3.38