

30-045-20268

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator ARCO Oil and Gas Company Location: Unit 0 Sec. 16 Twp 29N Rng 10W
Name of Well/Wells or Pipeline Serviced State E Com #1

Elevation 5589' Completion Date 11/12/69 Total Depth 200' Land Type* S-E2940
Casing, Sizes, Types & Depths Open hole, 6-3/4"

If Casing is cemented, show amounts & types used

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OIL CON. DIV
DIST. 3

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. Not available.

Depths gas encountered: None

Type & amount of coke breeze used: Hole filled with metallurgical coke breeze from bottom to surface
by slurry method.

Depths anodes placed: Anode tops at 188', 180', 165', 130', 120', 110', 100', 90'

Depths vent pipes placed: 200' to 1.5' above ground

Vent pipe perforations: 1/8" holes every 6" from 200' to 90'

Remarks: 1.5" x 60" cast iron anodes

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.

COMPANY ATLANTIC RICHFIELD CO JOB No. 4960 DATE: 11-12-69
 WELL: STATE "E" COMM No. 1 PIPELINE: _____
 LOCATION: SEC. 16 TWP. 29N RGE. 12W CO. SAN JUAN STATE NEW MEXICO
 ELEV. _____ FT. ROTARY ✓ FT. CABLE TOOL _____ FT. CASING _____ FT.
 GROUNDBED: DEPTH 199.5 FT. DIA. 6 3/4 IN. GAS TO SURFACE _____ ANODES B-TYPE CD DISCAL

DEPTH. FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH. TOP OF ANODES
		E	I	R	E	I	R	
0-24	SAND							0
25-36	SAND WITH SOME BROWN CLAY							5
37-38	BOULDERS							10
39-41	SAND WITH SOME BROWN CLAY							15
42-43	BOULDERS & SAND							20
45-47	SAND							25
48-49	SAND & BOULDERS							30
50-51	HARD SAND				11.7	1.6		35
51-52	BLUE SHALE					1.6		40
52-55	GRAY SHALE (STICKY)					1.2		45
55-57.5	HARD SAND / BENTONITE					1.0		50
57.5-59.5	SANDSTONE	11.6	2.4	0.49		.70		55
						.70		60
						.70		65
						1.10		70
						.90		75
						.90		80
						1.30		85
						2.50		90
						2.50		95
						2.70		100
						2.30		105
						2.10		110
						2.10		115
						2.40		120
						2.30		125
						1.70		130
						1.50		135
						.80		140
						.90		145
						1.10		150
						1.70		155
						1.30		160
						1.40		165
						1.50		170
						2.20		175
						2.70		180
						2.60		185
						2.10		190

ATLANTIC RICHFIELD

JF-4960

Rectifier/Groundbed for
State "E" Well

Farmington, New Mexico

GROUNDBED RESISTANCE: (1) VOLTS 8.0 - AMPS 13.0 - 0.61 OHMS

(2) VIBROGROUND _____ OHMS



cathodic protection service