

#39/30-045-10061

#1/30-045-27340

#447/30-045-27136

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 Copies to OCD Aztec Office)

Operator: BLACKWOOD & NICHOLS CO. Location: Unit K, Sec. 36, Twp 31N, Rng 8W.Name of Well/Wells or Pipeline Served NEBU 447, 39, Pump Mesa SWD #1Elevation 6424' Completion Date 7-25-93 Total Depth 478' Land Type* Surface: S Mineral: E-3150-1Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100' , 7 7/8" OPEN HOLEIf Casing is cemented, show amounts & types used 20 sks Portland Zia I-IIIf Cement or Bentonite Plugs have been placed, show depths & amounts used N/A

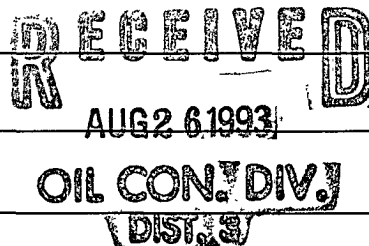
Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Damp, 140' - 170' - 270'No water sample.Depths gas encountered: N/AType & amount of coke breeze used: Asbury Flo-CokeDepths anodes placed: 109' - 457'Depths vent pipes placed: 490' to 4' above ground levelVent pipe perforations: Bottom 480' of vent pipeRemarks: Groundbed located 170' S 2° E of Pump Mesa SWD #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.

Signed by: James K. AllenTitle: Operations EngineerDate: 8/11/93

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

HP# P-18 WELL# NEB4-1147, 503+39

S 36 T 21N R 24

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
5'					
10'					
15'					
20'					
25'					
30'					
35'					
40'					
45'					
50'					
55'					
60'					
65'					
70'					
75'					
80'					
85'					
90'					
95'					
100'					

DRILLER Gene Muntz

INSPECTOR Joe Mitych

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# P-18 WELL# N.F.P.U. 447, 39, 503

5 S 36 T 51 R 5

[illegible]

WILLER 

INSPECTOR *MDM*