

#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)

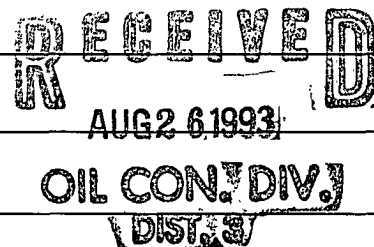
Operator: BLACKWOOD & NICHOLS CO. Location: Unit K, Sec. 36, Twp 31N, Rng 8W.Name of Well/Wells or Pipeline Served NEBU 447, 39, Pump Mesa SWD #1Elevation 6424' Completion Date 7-25-93 Total Depth 478' Land Type* Surface: S Mineral: E-3150-1Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100' , 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

CP# P-18 WELL# NEBU-7147, 503439

S 36 T 2/11 R 24

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

RILLER gene marketing

INSPECTOR Joe Mitzel

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

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

K S 5/2 T 5/1 R 5

[illegible]

RILLER *JB*

INSPECTOR MDM