

4382
30-045-12139

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

Operator MERIDIAN OIL Location: Unit NE Sec. 7 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL C #3

cps 14w

Elevation 6039' Completion Date 2/28/ 69 Total Depth 420' 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. 180' TO 200'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST 3

Type & amount of coke breeze used: 7400 lbs.

Depths anodes placed: 356', 350', 344', 338', 332', 326', 320', 314'

Depths vent pipes placed: N/A

Vent pipe perforations: 340'

Remarks: gb #2 ABANDONED GB #1. RECOVERED 3 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 2-28-69

Well Name <u>Howell #3C</u>		Location <u>NE 7-30-8</u>		CPS No. <u>14W</u>	
Type & Size Bit Used <u>7 7/8 - 68717 = 420' - 4 3/4" 5943 = 420'</u>				Work Order No. <u>184-52028</u>	
Anode Hole Depth <u>420</u>	Total Drilling Rig Time <u>40 1/2</u>	Total Lbs. Coke Used <u>7400</u>	Lost Circulation Mat'l Used <u>50 lbs</u>	No. Sacks Mud Used <u>1 - Quick Gel</u>	
Anode Depth					
# 1 <u>356</u>	# 2 <u>350</u>	# 3 <u>344</u>	# 4 <u>338</u>	# 5 <u>332</u>	# 6 <u>326</u>
# 7 <u>320</u>	# 8 <u>314</u>	# 9	# 10		
Anode Output (Amps)					
# 1 <u>4.3</u>	# 2 <u>5.2</u>	# 3 <u>5.5</u>	# 4 <u>5.1</u>	# 5 <u>4.9</u>	# 6 <u>4.8</u>
# 7 <u>4.7</u>	# 8 <u>4.0</u>	# 9	# 10		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 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>14.0</u>	Ohms <u>0.9</u>	<u>2240 ANODES 75 Cu./AC = 2915</u>		<u>0</u>

Remarks: 3/4" Hose to No. 1 Anode - Perforated 340'
50 lbs Borafos

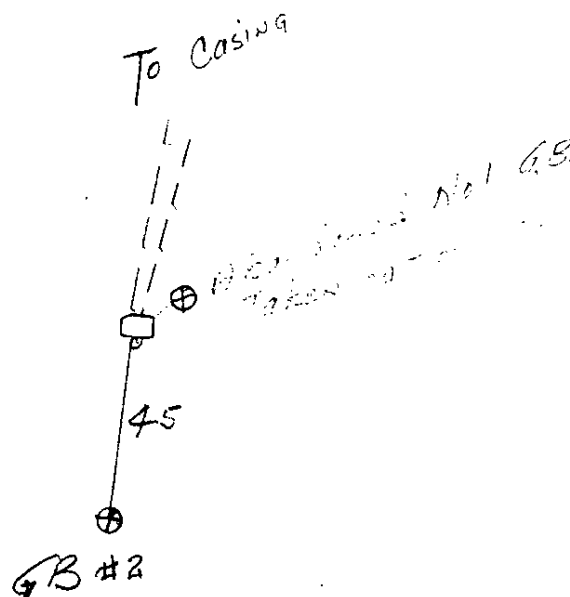
NOTE Abandoned GND BED No. 1

Recovered 3 Anodes -

All Construction Completed

Anneke
(Signature)

GROUND BED LAYOUT SKETCH



CONTRACTOR *Demarche Inc* RIG NO. *146* REPORT NO. DATE
WELL NO. *146* LEASE

MORNING										DAYLIGHT										EVENING									
Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew					Driller				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.					
0	25	33			45	120	55 shale etc			360	420	55 shale etc			360	420	55 shale etc												
25	40	34 shale			120	230	55																						
40	65	33			250	520	55 shale etc																						
65	85	34 shale			320	360	55 shale																						
NO. DC					NO. DC					NO. DC					NO. DC					NO. DC					NO. DC				
SIZE					SIZE					SIZE					SIZE					SIZE					SIZE				
STANDS					STANDS					STANDS					STANDS					STANDS					STANDS				
SINGLES					SINGLES					SINGLES					SINGLES					SINGLES					SINGLES				
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY				
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				
MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED				
TIME					TIME					TIME					TIME					TIME					TIME				
Wt.					Wt.					Wt.					Wt.					Wt.					Wt.				
Vis.					Vis.					Vis.					Vis.					Vis.					Vis.				
REMARKS					REMARKS					REMARKS					REMARKS					REMARKS					REMARKS				
2-24-69- 1100-200 ft. good section					2-24-69- 6 hrs.					2-24-69- 6 hrs.					2-24-69- 6 hrs.					2-24-69- 6 hrs.					2-24-69- 6 hrs.				
2-25-69- 200-400 ft. good section					2-25-69- 4 hrs.					2-25-69- 4 hrs.					2-25-69- 4 hrs.					2-25-69- 4 hrs.					2-25-69- 4 hrs.				
2-26-69- 400-600 ft. good section					2-26-69- 4 hrs.					2-26-69- 4 hrs.					2-26-69- 4 hrs.					2-26-69- 4 hrs.					2-26-69- 4 hrs.				
2-27-69- 600-800 ft. good section					2-27-69- 4 hrs.					2-27-69- 4 hrs.					2-27-69- 4 hrs.					2-27-69- 4 hrs.					2-27-69- 4 hrs.				
2-28-69- 800-1000 ft. good section					2-28-69- 4 hrs.					2-28-69- 4 hrs.					2-28-69- 4 hrs.					2-28-69- 4 hrs.					2-28-69- 4 hrs.				
2-29-69- 1000-1200 ft. good section					2-29-69- 4 hrs.					2-29-69- 4 hrs.					2-29-69- 4 hrs.					2-29-69- 4 hrs.					2-29-69- 4 hrs.				
2-30-69- 1200-1400 ft. good section					2-30-69- 4 hrs.					2-30-69- 4 hrs.					2-30-69- 4 hrs.					2-30-69- 4 hrs.					2-30-69- 4 hrs.				
2-31-69- 1400-1600 ft. good section					2-31-69- 4 hrs.					2-31-69- 4 hrs.					2-31-69- 4 hrs.					2-31-69- 4 hrs.					2-31-69- 4 hrs.				
2-32-69- 1600-1800 ft. good section					2-32-69- 4 hrs.					2-32-69- 4 hrs.					2-32-69- 4 hrs.					2-32-69- 4 hrs.					2-32-69- 4 hrs.				
2-33-69- 1800-2000 ft. good section					2-33-69- 4 hrs.					2-33-69- 4 hrs.					2-33-69- 4 hrs.					2-33-69- 4 hrs.					2-33-69- 4 hrs.				
2-34-69- 2000-2200 ft. good section					2-34-69- 4 hrs.					2-34-69- 4 hrs.					2-34-69- 4 hrs.					2-34-69- 4 hrs.					2-34-69- 4 hrs.				
2-35-69- 2200-2400 ft. good section					2-35-69- 4 hrs.					2-35-69- 4 hrs.					2-35-69- 4 hrs.					2-35-69- 4 hrs.					2-35-69- 4 hrs.				
2-36-69- 2400-2600 ft. good section					2-36-69- 4 hrs.					2-36-69- 4 hrs.					2-36-69- 4 hrs.					2-36-69- 4 hrs.					2-36-69- 4 hrs.				
2-37-69- 2600-2800 ft. good section					2-37-69- 4 hrs.					2-37-69- 4 hrs.					2-37-69- 4 hrs.					2-37-69- 4 hrs.					2-37-69- 4 hrs.				
2-38-69- 2800-3000 ft. good section					2-38-69- 4 hrs.					2-38-69- 4 hrs.					2-38-69- 4 hrs.					2-38-69- 4 hrs.					2-38-69- 4 hrs.				
2-39-69- 3000-3200 ft. good section					2-39-69- 4 hrs.					2-39-69- 4 hrs.					2-39-69- 4 hrs.					2-39-69- 4 hrs.					2-39-69- 4 hrs.				
2-40-69- 3200-3400 ft. good section					2-40-6																								

SIGNED: Toolpusher

Company Supervisor