

24401

30-045-09277

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 23 Twp 30 Rng 8Name of Well/Wells or Pipeline Serviced HOWELL L #1Elevation 6132' Completion Date 10/1/69 Total Depth 560' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.

DIST. ?

Type & amount of coke breeze used: 8250 lbs.Depths anodes placed: 51', 481', 475', 469', 463', 436', 430', 424'Depths vent pipes placed: 481' 3/4" HOSEVent pipe perforations: 340'Remarks: qb #2 PLASTIC MOLD USED TO CAP 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

5 1/8" #134 = 210'
5" # 62498 = 210'
5" # 78739 = 180'

NO 2 GND BED

Completion Date 10-1-69

Well Name Howell #16		Location 2W 23-30-8		CPS No. 23W	
Type & Size Bit Used 7 1/8" # 74738 = 560				Work Order No. 184-52038-50-20	
Anode Hole Depth 560	Total Drilling Rig Time 43 1/2 Hrs	Total Lbs. Coke Used 75 sks 8250	Lost Circulation Mat'l Used 0	No. Sacks Mud Used 1	
Anode Depth					
# 1 511	# 2 481	# 3 475	# 4 469	# 5 463	# 6 436
# 7 430	# 8 424	# 9	# 10		
Anode Output (Amps)					
# 1 3.6	# 2 4.7	# 3 5.3	# 4 5.6	# 5 5.3	# 6 4.5
# 7 5.0	# 8 4.9	# 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 12.2	Amps 13.0	Ohms 0.93	4090	4090 0	

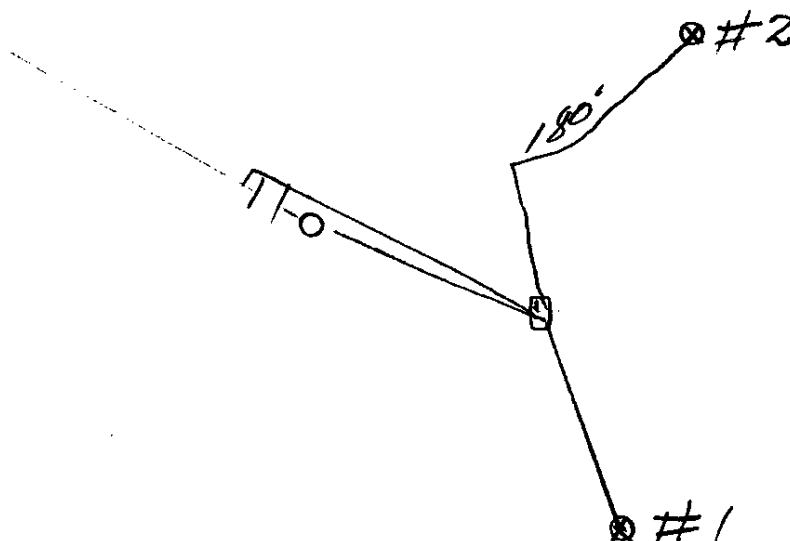
Remarks: 3/4" Hose to No 2 Anode, Perforated 340'
50 lbs Joragos used-

Plastic Mold used to Cap Anodes -

All Construction Completed

[Signature]
(Signature)

GROUND BED LAYOUT SKETCH



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE Tractor #134 (210 ft.) WELL NO. 234 CONTRACTOR Memorah Const. RIG NO. 146 REPORT NO. 19 DATE 19

MORNING

DAYLIGHT

EVENING

Total Men In Crew				Total Men In Crew				Total Men In Crew							
Driller	TO	FROM	WT-BIT	R.P.M.	FORMATION	TO	FROM	WT-BIT	R.P.M.	FORMATION	TO	FROM	WT-BIT	R.P.M.	
0	290	53	shale	270	55	410	435	410	55	55	410	435	410	55	
290	303	53	shale	270	55	410	435	410	55	55	410	435	410	55	
303	320	53	shale	270	55	410	435	410	55	55	410	435	410	55	
320	425	53	shale	270	55	410	435	410	55	55	410	435	410	55	
NO. DC				NO. DC				NO. DC				NO. DC			
SIZE				SIZE				SIZE				SIZE			
LENG.				LENG.				LENG.				LENG.			
STANDS				STANDS				STANDS				STANDS			
SINGLES				SINGLES				SINGLES				SINGLES			
DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY			
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			
TIME				TIME				TIME				TIME			
WT.				WT.				WT.				WT.			
Vis.				Vis.				Vis.				Vis.			
REMARKS				REMARKS				REMARKS				REMARKS			

9-27-69 - 6:15 Hrs - Drilled 120 ft. 5" hole. Left rig 5:50 PM. Went in hole & drilled 5" hole from 100 ft. to 425 ft. Left rig 5:50 PM. Went in hole & drilled 5" hole from 425 ft. to 400 ft. Came out & rained down with 1" sand quick gel 50 lbs. Barite. 9-28-69 - 10 Hrs - Drilled 120 ft. 5" hole. Left rig 5:50 PM. Went in hole & drilled 5" hole from 100 ft. to 425 ft. Left rig 5:50 PM. Went in hole & drilled 5" hole from 425 ft. to 400 ft. Came out & rained down with 1" sand quick gel 50 lbs. Barite. 9-29-69 - 10 Hrs - Drilled 120 ft. 5" hole. Left rig 5:50 PM. Went in hole & drilled 5" hole from 100 ft. to 425 ft. Left rig 5:50 PM. Went in hole & drilled 5" hole from 425 ft. to 400 ft. Came out & rained down with 1" sand quick gel 50 lbs. Barite. 9-30-69 - 12 Hrs - Drilled 120 ft. 5" hole. Left rig 5:50 PM. Went in hole & drilled 5" hole from 100 ft. to 425 ft. Left rig 5:50 PM. Went in hole & drilled 5" hole from 425 ft. to 400 ft. Came out & rained down with 1" sand quick gel 50 lbs. Barite. 10-1-69 - 4 Hrs - Drilled 120 ft. 5" hole. Left rig 5:50 PM. Went in hole & drilled 5" hole from 100 ft. to 425 ft. Left rig 5:50 PM. Went in hole & drilled 5" hole from 425 ft. to 400 ft. Came out & rained down with 1" sand quick gel 50 lbs. Barite.

SIGNED: Toolpusher

Company Supervisor

Darrin