

44/00

30045-20130

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. 22 Twp 30 Rng 8

Name of Well/Wells or Pipeline Served HOWELL K #2R

cps 22w

Elevation 5833' Completion Date 12/6/67 Total Depth 5833' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 9840 lbs.

Depths anodes placed: 447', 441', 435', 429', 423', 417'

Depths vent pipes placed: 3/4" PLASTIC HOSE 441'

Vent pipe perforations: 441'

Remarks: HOWELL K #2 PLUGGED AND ABANDONED. MOVED RECTIFIER TO HOWELL K #2R.

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST. 3

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

File

Date 12-6-67

Well Name <u>Howell # 2KY</u>			CPS No. <u>22W</u>		
Location <u>SW 22-30-8</u>			Work Order No. <u>184-54531-50-20</u>		
Anode Hole Depth	Total Drilling Rig Time	Type & Size Bit Used		No. Sacks Mud Used	
No. Sacks Lost Circulation Mat'l Used	Anode Depth	# 1	# 2	# 3	# 4
		# 5	# 6		
Total Lbs. Coke Used	Anode Output (Volts)	# 1	# 2	# 3	# 4
		# 5	# 6		
Total Circuit Resistance	No. Ft. Surface Cable Conduit				
Volts	Amps	Ohms	<u>2300'</u>		

Drilling Log (Attach Hereto). ☐

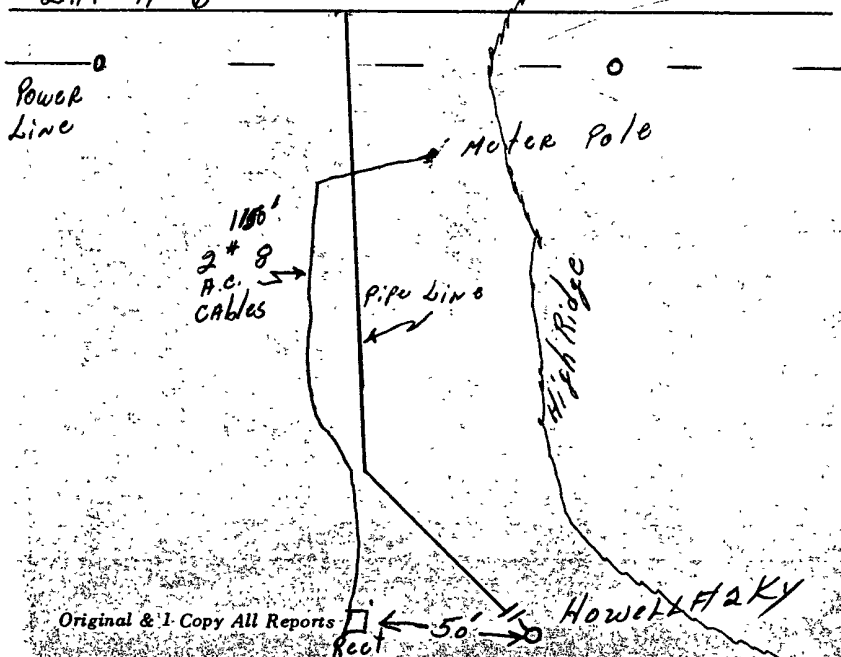
Remarks: Well # Howell # 2K Plugged & Abandoned. Moved Rectifier to Howell # 2KY (28-6)

All Construction Completed

Wilbur Z. Lott
(Signature)

Lat 4 6

GROUND BED LAYOUT SKETCH



WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Date 9-19-68

Well Name <u>Howell K24</u>			CPS No. <u>22 w</u>		
Location <u>5W22-30-8</u>			Work Order No. <u>184-54531-50-20</u>		
Anode Hole Depth <u>480</u>	Total Drilling Rig Time <u>38 1/2 Hrs</u>	Type & Size Bit Used <u>1631043 = 130'</u> <u>778, 1631073 = 350'</u>		No. Sacks Mud Used <u>4</u>	
No. Sacks Lost Circulation Mat'l Used <u>1</u>	Anode Depth	#1 <u>447</u>	#2 <u>441</u>	#3 <u>435</u>	#4 <u>429</u>
Total Lbs. Coke Used <u>9840</u>	Anode Output (Volts)	#1 <u>4.5</u>	#2 <u>4.9</u>	#3 <u>4.9</u>	#4 <u>5.2</u>
Total Circuit Resistance Volts <u>12.3</u>	Amps <u>14.0</u>	Ohms <u>0.87</u>	No. Ft. Surface Cable Conduit <u>35680 ft Anodes 450 Surface = 4018</u>		

Drilling Log (Attach Hereto) ☐

Remarks:

Static 600' w = 0.83

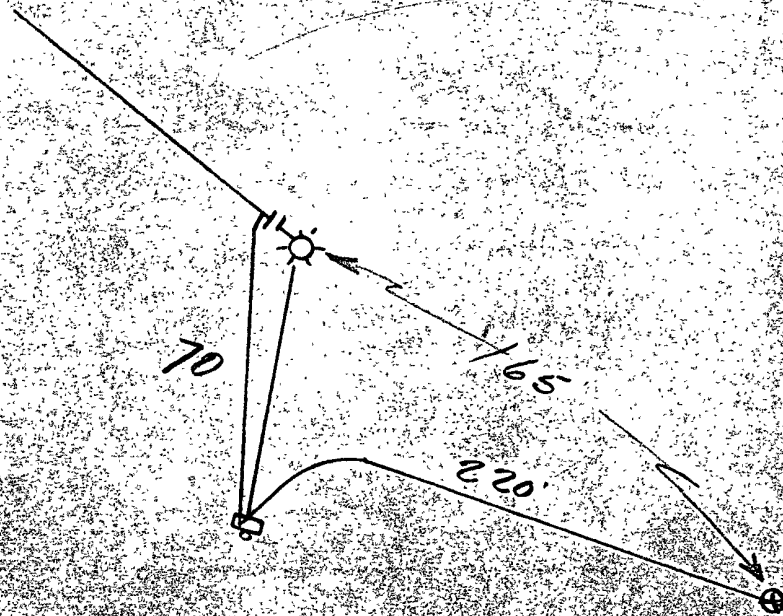
3/4" Plastic Hose to No. 2 Anode - Perforated 441'
50 lbs Barafos flushed thru hole

Note - Howell K24 under Protection this Date
Good All Rectifier 230 VAC Ser. # 611679
orig. 28-6 Now Modified 28-12

All Construction Completed

Arrels
(Signature)

GROUND BED LAYOUT SKETCH



Drill # 504 (180 ft)

WELL NO. 22W

CONTRACTOR: Monarch Cont.

RIG NO. 146

REPORT NO.

DATE

MORNING										DAYLIGHT										EVENING									
Driller		TO		FORMATION		WT. BIT		R.P.M.		Driller		TO		FORMATION		WT. BIT		R.P.M.		Driller		TO		FORMATION		WT. BIT		R.P.M.	
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
0	60	590	480	sand	shale																								
60	160			23 + shale																									
160	240			35																									
240	300			22 + shale																									
BIT NO.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE	
SERIAL NO. 49604		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE	
SIZE 1" (200 ft)		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE	
TYPE		STANDS		SINGLES		DOWN ON KELLY		STANDS		SINGLES		DOWN ON KELLY		STANDS		SINGLES		DOWN ON KELLY		STANDS		SINGLES		DOWN ON KELLY		STANDS		SINGLES	
MAKE		TOTAL DEPTH		MUD. ADDITIVES USED AND RECEIVED		MUD. ADDITIVES USED AND RECEIVED		TOTAL DEPTH		MUD. ADDITIVES USED AND RECEIVED		MUD. ADDITIVES USED AND RECEIVED		TOTAL DEPTH		MUD. ADDITIVES USED AND RECEIVED		MUD. ADDITIVES USED AND RECEIVED		TOTAL DEPTH		MUD. ADDITIVES USED AND RECEIVED		MUD. ADDITIVES USED AND RECEIVED		TOTAL DEPTH		MUD. ADDITIVES USED AND RECEIVED	
4 saw changed		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs		9-14-68		4 1/2 hrs	
1 saw changed		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs	
100 lbs (50 ft)		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs	
50 lbs (50 ft)		9-18-68		4 hrs		9-18-68		4 hrs		9-18-68		4 hrs		9-18-68		4 hrs		9-18-68		4 hrs		9-18-68		4 hrs		9-18-68		4 hrs	
Hole sawing from 40-60 ft drill		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
with air changed to water to get pipe		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
Lower saw from 0-60 ft + 60 to 160 ft		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
shale with 25 g tanks with pipe		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
55 ppm 160 ft to 240 ft		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
REMARKS -		9-14-68		10 hrs		9-14-68		10 hrs		9-14-68		10 hrs		9-14-68		10 hrs		9-14-68		10 hrs		9-14-68		10 hrs		9-14-68		10 hrs	
9-14-68 - Left off for 10 min. Monday 9-14-68		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs		9-16-68		10 hrs	
+ 60 ft. saw changed to water to get pipe		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs		9-17-68		10 hrs	
9-16-68 - Left off 60 ft. saw changed to water to get pipe		9-18-68		10 hrs		9-18-68		10 hrs		9-18-68		10 hrs		9-18-68		10 hrs		9-18-68		10 hrs		9-18-68		10 hrs		9-18-68		10 hrs	
Drilling at 100 ft from 60 ft to 160 ft		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
9-17-68 - Left off 60 ft. saw changed to water to get pipe		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
9-18-68 - Left off 60 ft. saw changed to water to get pipe		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	
9-19-68 - Left off 60 ft. saw changed to water to get pipe		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs		9-19-68		10 hrs	

SIGNED: T. G. Fisher

Company Supervisor

Amelia