

#2 30-045-07538
#8 30-045-21146

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. 9 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced HARDIE E #2, #8

cps 649w

Elevation 6227' Completion Date 4/28/64 Total Depth 260' 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: 4150 lbs.

Depths anodes placed: 228', 222', 216', 159', 153', 125', 119'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST 2

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

Date 4-28-64

Well Name <u>Hardie 2-E</u>			CPS No. <u>649 W</u>		
Location <u>SW 9-28N-8W</u>			Work Order No. <u>54192</u>		
Anode Hole Depth <u>260</u>	Total Drilling Rig Time <u>10 1/2 hrs</u>	Type & Size Bit Used <u>7 7/8" # 39818X</u>	No. Sacks Mud Used <u>0</u>		
No. Sacks Lost Circulation Mat'l Used <u>0</u>	Anode Depth				
	# 1 <u>228</u>	# 2 <u>222</u>	# 3 <u>216</u>	# 4 <u>159</u>	# 5 <u>153</u>
Total Lbs. Coke Used <u>4150 165</u>	Anode Output (Volts)				
	# 1 <u>1.7</u>	# 2 <u>1.8</u>	# 3 <u>1.5</u>	# 4 <u>2.1</u>	# 5 <u>2.2</u>
Total Circuit Resistance	No. Ft. Surface Cable Conduit				
Volts <u>11.1</u>	Amps <u>5.8</u>	Ohms <u>1.92</u>	<u>559' 30' 3/4" conduit</u>		

Drilling Log (Attach Hereto). ☐

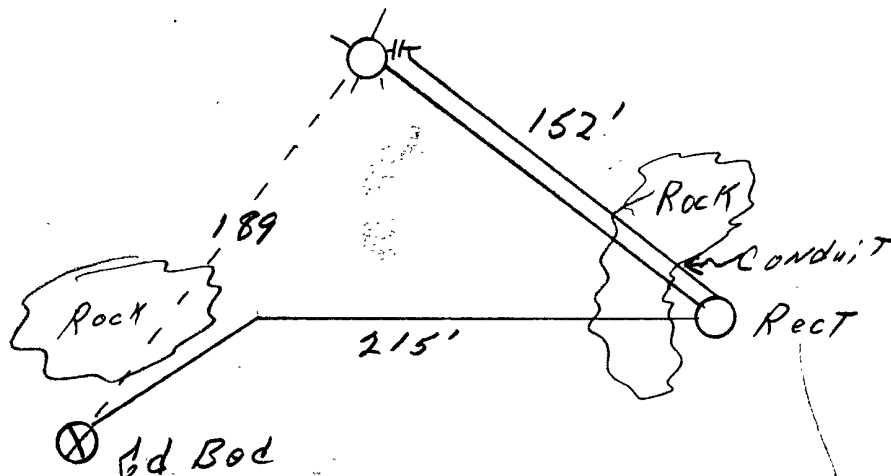
Remarks: Static % = 1.82 600' W

Installed PEM 40V 12A #637340

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



LEASE **Hardie "E."** WELL NO. **2** CONTRACTOR **E. Wilson** RIG NO. **D-2** REPORT NO. **4-** DATE **4-27-28** 19**64**

MORNING										DAYLIGHT										EVENING									
Driller		Total Men In Crew				Driller		Total Men In Crew				Driller		Total Men In Crew															
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	180	SS		3000																									
180	260	SS + S.E. STAY																											
BIT NO.		NO. OC		SIZE	LENG.		BIT NO.		NO. OC		SIZE	LENG.																	
SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS															
SIZE		DOWN ON KELLY		TOTAL DEPTH		SIZE		DOWN ON KELLY		TOTAL DEPTH		SIZE		DOWN ON KELLY															
TYPE		MUD, ADDITIVES USED AND RECEIVED		MUD, ADDITIVES USED AND RECEIVED		TYPE		MUD, ADDITIVES USED AND RECEIVED		TYPE		MUD, ADDITIVES USED AND RECEIVED		TYPE															
MAKE		TIME <td colspan="2">WT.</td> <td colspan="2">V/S.</td> <td colspan="2">MAKE</td> <td colspan="2">TIME<td colspan="2">WT.</td><td colspan="2">V/S.</td></td>		WT.		V/S.		MAKE		TIME <td colspan="2">WT.</td> <td colspan="2">V/S.</td>		WT.		V/S.															
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO															
4-27-64		MOVE + SET UP TIME 1 1/2 hr.		Rig Time 10 1/2 hrs.		4-27-64		MOVE + SET UP TIME 1 1/2 hr.		Rig Time 10 1/2 hrs.		4-27-64		MOVE + SET UP TIME 1 1/2 hr.															
4-26-64		LEFT YARD 6:00 AM.		Arrived at rig 7:30 AM.		4-26-64		LEFT YARD 6:00 AM.		Arrived at rig 7:30 AM.		4-26-64		LEFT YARD 6:00 AM.															
4-26-64		Finished hole 5:00 PM.		Finished hole 5:00 PM.		4-26-64		Finished hole 5:00 PM.		Finished hole 5:00 PM.		4-26-64		Finished hole 5:00 PM.															
REMARKS		4-27-64, Drilled To 80', 1 load water.				REMARKS		4-27-64, Drilled To 80', 1 load water.				REMARKS		4-27-64, Drilled To 80', 1 load water.															
4-28-64		From 80' to 260. 3 Loads water. 8 hrs.				4-28-64		From 80' to 260. 3 Loads water. 8 hrs.				4-28-64		From 80' to 260. 3 Loads water. 8 hrs.															
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