

30-045-20192

4347

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. 25 Twp 26 Rng 11

Name of Well/Wells or Pipeline Serviced P L DAVIS #1

cps 1024w

Elevation 6433 Completion Date 9/23/75 Total Depth 400' 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. WET 184' - 220'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4000 lbs.

Depths anodes placed: 355', 345', 335', 325', 315', 305', 295', 285', 275', 265'

Depths vent pipes placed: N/A

Vent pipe perforations: 208'

Remarks: gb #1)

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Handwritten signature

Drilling Log (Attach Hereto) ☐

Completion Date **9-23-75**

Well Name PL. DAVIS #1		Location SW 25-26-11		CPS No. 1024-W																																																																																					
Type & Size Bit Used 6 3/4				Work Order No. 54545																																																																																					
Anode Hole Depth 400	Total Drilling Rig Time	Total Lbs. Coke Used 4000	Lost Circulation Mat'l Used	No. Sacks Mud Used																																																																																					
<table border="1"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 1 355</td> <td># 2 345</td> <td># 3 335</td> <td># 4 325</td> <td># 5 315</td> <td># 6 305</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 1 4.5</td> <td># 2 3.7</td> <td># 3 5.6</td> <td># 4 5.0</td> <td># 5 6.0</td> <td># 6 5.0</td> </tr> <tr> <td colspan="2">Anode Depth</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 7 295</td> <td># 8 285</td> <td># 9 275</td> <td># 10 265</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 7 5.8</td> <td># 8 5.1</td> <td># 9 5.1</td> <td># 10 4.9</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Anode Depth</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> </tr> <tr> <td colspan="2">Total Circuit Resistance</td> <td colspan="2"></td> <td colspan="2">No. 8 C.P. Cable Used</td> </tr> <tr> <td>Volts 11.5</td> <td>Amps 20.0</td> <td>Ohms 0.57</td> <td colspan="2">3400</td> <td>No. 2 C.P. Cable Used</td> </tr> </table>						Anode Depth						# 1 355	# 2 345	# 3 335	# 4 325	# 5 315	# 6 305	Anode Output (Amps)						# 1 4.5	# 2 3.7	# 3 5.6	# 4 5.0	# 5 6.0	# 6 5.0	Anode Depth						# 7 295	# 8 285	# 9 275	# 10 265			Anode Output (Amps)						# 7 5.8	# 8 5.1	# 9 5.1	# 10 4.9			Anode Depth						# 11	# 12	# 13	# 14	# 15	# 16	Anode Output (Amps)						# 11	# 12	# 13	# 14	# 15	# 16	Total Circuit Resistance				No. 8 C.P. Cable Used		Volts 11.5	Amps 20.0	Ohms 0.57	3400		No. 2 C.P. Cable Used
Anode Depth																																																																																									
# 1 355	# 2 345	# 3 335	# 4 325	# 5 315	# 6 305																																																																																				
Anode Output (Amps)																																																																																									
# 1 4.5	# 2 3.7	# 3 5.6	# 4 5.0	# 5 6.0	# 6 5.0																																																																																				
Anode Depth																																																																																									
# 7 295	# 8 285	# 9 275	# 10 265																																																																																						
Anode Output (Amps)																																																																																									
# 7 5.8	# 8 5.1	# 9 5.1	# 10 4.9																																																																																						
Anode Depth																																																																																									
# 11	# 12	# 13	# 14	# 15	# 16																																																																																				
Anode Output (Amps)																																																																																									
# 11	# 12	# 13	# 14	# 15	# 16																																																																																				
Total Circuit Resistance				No. 8 C.P. Cable Used																																																																																					
Volts 11.5	Amps 20.0	Ohms 0.57	3400		No. 2 C.P. Cable Used																																																																																				

Remarks: **Starting at 220' - Drilled 290' - Water Next A.M. at 180' -**

Vent Perforated 208'

Slurry 40 Sack Coke 10 hr

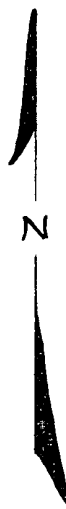
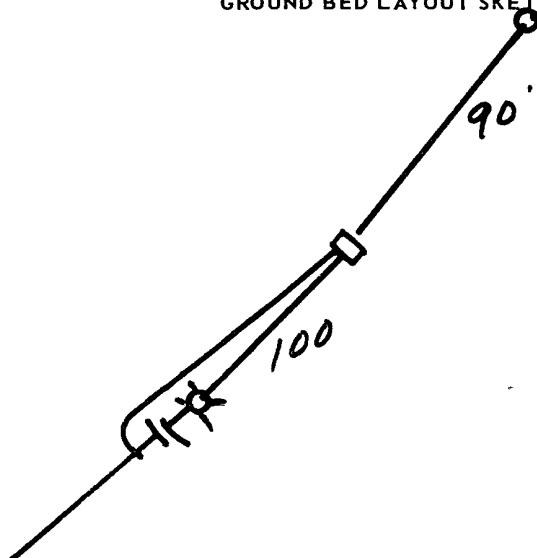
Handwritten signature

All Construction Completed

Handwritten signature: Daniels

(Signature)

GROUND BED LAYOUT SKETCH



1024w

MW	MISC.	gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

180	.5	360	2.7				
	.5		2.4				
90	.4	70	2.4				
	.4		375 T.D				
200	.4						
	.5						
10	.6	90					
	.5						
20	.3	400					
	.5						
30	.5						
	.6						
40	.9						
	1.0						
50	.9						
	.8						
60	1.0						
	2.0						
70	2.2			1	3.55	3.0	4.5
	2.4			2	3.45	2.8	3.7
80	2.4			3	3.35	3.0	5.6
	2.4			4	3.25	2.8	5.0
90	2.4			5	3.15	3.1	6.0
	2.8			6	3.05	3.0	5.0
300	2.7			7	2.95	3.0	5.8
	2.7			8	2.85	2.7	5.1
10	2.3			9	2.75	2.7	5.1
	2.7			10	2.65	2.6	4.9
20	2.6						
	2.4						
30	2.6						
	2.8						
40	2.5						
	2.5						
50	2.5						
	2.6						

31.00

3.45

200 / 11.5N 20.0A =

9-22-75 DAILY DRILLING REPORT

LEASE										WELL NO. 102-2-23-75										RIG NO. 3991										REPORT NO.										DATE										19									
MORNING										DAYLIGHT										EVENING																																							
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.																															
0.0		5'		Sand						287'		245'		Shale						306'		320'		Shale																																			
5'		275'		Sandstone						295'		297'		Sandstone						320'		325'		Sandstone																																			
275'		285'		Shale						297'		303'		Shale						325'		335'		Shale																																			
285'		287'		Sandstone						303'		306'		Sandstone						335'		349'		Sandstone																																			
BIT NO.		NO. DC		SIZE		LENG.				BIT NO.		NO. DC		SIZE		LENG.				BIT NO.		NO. DC		SIZE		LENG.																																	
SERIAL NO.		NO. DC		SIZE		LENG.				SERIAL NO.		NO. DC		SIZE		LENG.				SERIAL NO.		NO. DC		SIZE		LENG.																																	
SIZE		STANDS		SINGLES		DOWN ON KELLY				SIZE		STANDS		SINGLES		DOWN ON KELLY				SIZE		STANDS		SINGLES		DOWN ON KELLY																																	
TYPE		TOTAL DEPTH		MUD, ADDITIVES USED AND RECEIVED		MUD, ADDITIVES USED AND RECEIVED				TYPE		TOTAL DEPTH		MUD, ADDITIVES USED AND RECEIVED		MUD, ADDITIVES USED AND RECEIVED				TYPE		TOTAL DEPTH		MUD, ADDITIVES USED AND RECEIVED		MUD, ADDITIVES USED AND RECEIVED																																	
MAKE		MUD RECORD		MUD RECORD		MUD RECORD				MAKE		MUD RECORD		MUD RECORD		MUD RECORD				MAKE		MUD RECORD		MUD RECORD		MUD RECORD																																	
Time		Wt.		Vis.		Time		Wt.		Time		Wt.		Vis.		Time		Wt.		Time		Wt.		Vis.		Time		Wt.																															
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN																															
349'		355'		Shale		400'		TD		349'		355'		Shale		400'		TD		349'		355'		Shale		400'		TD																															
355'		359'		Sandstone						355'		359'		Sandstone						355'		359'		Sandstone																																			
359'		361'		Shale						359'		361'		Shale						359'		361'		Shale																																			
361'		363'		Sandstone						361'		363'		Sandstone						361'		363'		Sandstone																																			
363'		367'		Shale						363'		367'		Shale						363'		367'		Shale																																			
367'		400'		Sandstone						367'		400'		Sandstone						367'		400'		Sandstone																																			
REMARKS -										REMARKS -										REMARKS -										REMARKS -																													
Pump 175-184										Pump 175-184										Pump 175-184										Pump 175-184																													
Net 184-220										Net 184-220										Net 184-220										Net 184-220																													
Inject 220-400										Inject 220-400										Inject 220-400										Inject 220-400																													
Net 2780-7-23-75										Net 2780-7-23-75										Net 2780-7-23-75										Net 2780-7-23-75																													

SIGNED: Toolpusher

Jimmy Jones

Company Supervisor