

30-045-20192

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

Operator MERIDIAN OIL CO. Location: Unit L Sec. 25 Twp 26 Rng 11

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

Elevation _____ Completion Date 8/7/90 Total Depth 400 Land Type _____

Casing Strings, Sizes, Types & Depths 18 ft. 8" Casing set

If Casing Strings are cemented, show amounts & types used _____

If Cement or Bentonite Plugs have been placed, show depths & amounts used _____

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. wet at 120 ft, water at 210 ft. no sample

Depths gas encountered: _____

Ground bed depth with type & amount of coke breeze used: _____

3300 lbs of Ashbury Petroleum Coke

Depths anodes placed: 370, 360, 350, 340, 330, 320, 310, 300, 290, 280

Depths vent pipes placed: 400 ft.

Vent pipe perforations: perforated 200 ft.

Remarks: _____

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 8-7-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1024-W	P.L. Davis #1			☒ Good ☐ Bad
Location: <u>L25-26-11</u> Anode Size: <u>2" X 60"</u> Anode Type: <u>ANOTEC</u> Size Bit: <u>6 3/4"</u>				
Depth Drilled <u>400'</u>	Depth Logged <u>385'</u>	Drilling Rig Time	Total Lbs. Coke Used <u>3300</u>	Lost Circulation Mat'l Used
No Sacks Mud Used				
Anode Depth				
# 1 370	# 2 360	# 3 350	# 4 340	# 5 330
# 6 320	# 7 310	# 8 300	# 9 290	# 10 280
Anode Output (Amps)				
# 1 5.5	# 2 5.9	# 3 6.3	# 4 6.5	# 5 6.0
# 6 6.2	# 7 5.9	# 8 6.6	# 9 5.6	# 10 5.9
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>12.16</u>	Amps <u>17.6</u>	Ohms <u>.69</u>		

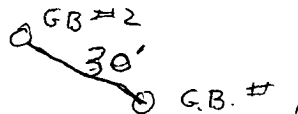
Remarks: DRILLER said wet at 120', waited 30 minutes, NO WATER. DRILLER said hit WATER at 210', Blew mud out of hole while drilling, caught 5 gal. Sample, but WATER would NOT settle out. Did NOT get WATER Sample. Installed 400' of 1" VENT PIPE. Perforated 200' of VENT PIPE. Left COKE APPROXIMATELY 230' down in hole.

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 30'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

William Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



RECEIVED

AUG 28 1990

OIL CON. DIST. 3

☐ Rectifier

PL. Davis #1

N

CONSTRUCTION LOGGING READINGS

CPS #: 1024-W WELL NAME: P.L. Davis #1 LOCATION: L25-26-11 DATE: 8-7-90

TOTAL VOLTS: 12.16 TOTAL AMPS: 17.6 OHMS RESISTANCE: .69

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185			365	2.8		545			1	370	2.5	5.5
10			190			370	2.4		550			2	360	2.6	5.9
15			195			375	2.3		555			3	350	2.6	6.3
20			200	.30		380	2.8		560			4	340	2.9	6.5
25			205	.70		385	2.8	T.O.	565			5	330	2.5	6.0
30			210	.90		390			570			6	320	2.9	6.2
35			215	1.0		395			575			7	310	2.7	5.9
40			220	1.60		400			580			8	300	3.0	6.6
45			225	.50		405			585			9	290	2.7	5.6
50			230	.70		410			590			10	280	2.8	5.9
55			235	1.2		415			595						
60			240	1.4		420			600						
65			245	1.9		425			605						
70			250	1.9		430			610						
75			255	1.5		435			615						
80			260	1.0		440			620						
85			265	1.4		445			625						
90			270	2.4		450			630						
95			275	2.3		455			635						
100			280	2.6		460			640						
105			285	2.5		465			645						
110			290	2.4		470			650						
115			295	2.3		475			655						
120			300	2.8		480			660						
125			305	2.7		485			665						
130			310	2.7		490			670						
135			315	2.3		495			675						
140			320	2.7		500			680						
145			325	2.6		505			685						
150			330	2.3		510			690						
155			335	2.6		515			695						
160			340	2.7		520			700						
165			345	2.6		525			705						
170			350	2.5		530			710						
175			355	2.6		535			715						
180			360	2.6		540			720						

REMARKS: DRILLER SAID WET AT 120', WAITED 30 MINUTES, NO WATER. DRILLER SAID HIT WATER AT 210'. BLEW MUD OUT OF HOLE WHILE DRILLING. CAUGHT 2 SAMPLE, BUT IT DID NOT SETTLE OUT. DID NOT GET WATER SAMPLE.

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
PL DAVIS #1	#1	SW 25	26	11

WATER AT:

FEET:

HOLE MADE:

[illegible]

REMARKS:

REMARKS: Water @ 210' 5 gpm. Went to injection
after water sample. Pulled to 400'

Driller

Driller Brian E. Burge

Tool Dresser