

30045-20537

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

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

Name of Well/Wells or Pipeline Serviced P. L. Davis # 2

Elevation _____ Completion Date 8/6/90 Total Depth 420 Land Type _____

Casing Strings, Sizes, Types & Depths Set 20 ft. 8" PVC Casing

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

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 @ 80 ft., water at 280 ft.

Depths gas encountered: _____

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

410 ft. , 3300 lbs of Ashbury Petroleum Coke

Depths anodes placed: 400, 390, 380, 370, 360, 345, 335, 325, 315, 305

Depths vent pipes placed: 410 ft.

Vent pipe perforations: 220 ft. perforated

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

#9.

Drilling Log (Attach Hereto) ☐

Completion Date 8-6-90

CPS #		Well Name, Line or Plant:		Work Order #		State:		Ins. Union Check	
1023-W		P.L. Davis #2						☒ Good ☐ Bad	
Location:		Anode Size:		Anode Type:		Size Bit:			
B25-26-11		2" x 60"		ANOTEC		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
420'		410'				3300#			
Anode Depth									
# 1 400'	# 2 390'	# 3 380'	# 4 370'	# 5 360'	# 6 345'	# 7 335'	# 8 325'	# 9 315'	# 10 305'
Anode Output (Amps)									
# 1 3.6	# 2 5.7	# 3 6.6	# 4 5.9	# 5 5.5	# 6 3.7	# 7 5.3	# 8 4.6	# 9 5.6	# 10 4.1
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 12.14		Amps 17.2		Ohms .70					

Remarks: DRILLER said wet at 80', no water, wet at 180' waited 30 min. NO WATER. STARTED INJECTING AT 200'. DRILLER said hot water at 280', Did NOT get water sample. Installed 410' of 1" VENT PIPE. PERFORATED 220' of VENT PIPE. Left COKE BREEZE APPROXIMATELY 250'

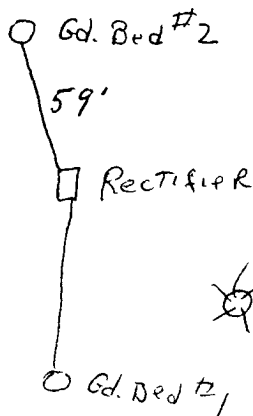
Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 59'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: /

All Construction Completed

Stellis Knight, Jr.
(Signature)

GROUND BED LAYOUT SKETCH

RECEIVED
AUG 28 1990
OIL CON. DIV
DIST. 3



* P.L. Davis #2

N

CONSTRUCTION LOGGING READINGS

Needham 011

CPS #: 1023-W WELL NAME: P.L. DAVIS #2 LOCATION: B25-26-11 DATE: 8-6-90

TOTAL VOLTS: 12.14 TOTAL AMPS: 17.3 OHMS RESISTANCE: 70

												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	2.1		545			1	400	2.8	3.6
10			190			370	2.1	4 ⁷²	550			2	390	2.4	5.7
15			195			375	2.2		555			3	380	2.5	6.6
20		-	200	.80		380	2.3	3	560			4	370	2.3	5.9
25			205	2.0		385	2.0		565			5	360	2.3	5.5
30			210	1.0		390	2.1	2	570			6	345	1.1	3.7
35			215	.70		395	2.1		575			7	335	2.3	5.3
40			220	1.0		400	2.3	1	580			8	325	1.2	4.6
45			225	1.5		405	2.5		585			9	315	2.3	5.6
50			230	1.4		410	2.6	T.D	590			10	305	1.2	4.1
55			235	1.5		415			595						
60			240	1.2		420			600						
65			245	1.2		425			605						
70			250	1.2		430			610						
75			255	1.2		435			615						
80			260	.70		440			620						
85			265	.50		445			625						
90			270	.40		450			630						
95			275	.40		455			635						
100			280	.40		460			640						
105			285	.50		465			645						
110			290	.40		470			650						
115			295	.50		475			655						
120			300	.70		480			660						
125			305	1.2	10	485			665						
130			310	1.9		490			670						
135			315	2.3	9	495			675						
140			320	1.9		500			680						
145			325	1.0	8	505			685						
150			330	2.0		510			690						
155			335	2.1	7	515			695						
160			340	1.5		520			700						
165			345	1.0	6	525			705						
170			350	.80		530			710						
175			355	.80		535			715						
180			360	1.7	505	540			720						

REMARKS: DRILLER said wet at 100', NO WATER, wet at 180' waited 30 min, NO WATER. STARTED INJECTING at 200'. DRILLER said hit water at 280'

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

Tool Dresser

BURGE CORROSION SYSTEMS INC
P.O. BOX 1359
AZTEC, NEW MEXICO 87410
DRILLING AND LOGGING LOG

JOB NUMBER 0390

WELL NAME

COMPANY NAME MERIDIAN OIL

LEGAL DESCRIPTION 1/4 S T R

HOLE DIAMETER 6 3/4 IN

HOLE DEPTH 420 FT

NUM OF ANODES

WATER DEPTH 280 FT

DATE 8/6/90

FINAL READING 1 VOLTS

FINAL READING AMPS

FINAL READING OHMS

HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS
---------------	--------------	-------------	-----------------	---------------	---------------	--------------	-------------	-----------------	---------------	---------------	--------------	-------------	-----------------	---------------

5					245					485				
10					250					490				
15	8" CASING				255					495				
20					260					500				
25					265					505				
30					270					510				
35					275					515				
40					280					520				
45	Sand/clay				285					525				
50					290					530				
55					295					535				
60					300					540				
65					305					545				
70					310					550				
75					315					555				
80					320					560				
85					325					565				
90	Sand				330					570				
95	Blue				335					575				
100					340					580				
105					345					585				
110					350					590				
115					355					595				
120					360					600				
125					365					605				
130	Shale				370					610				
135					375					615				
140					380					620				
145					385					625				
150					390					630				
155					395					635				
160					400					640				
165					405					645				
170					410					650				
175					415					655				
180					420					660				
185					425					665				
190					430					670				
195					435					675				
200					440					680				
205					445					685				
210					450					690				
215					455					695				
220					460					700				
225					465					705				
230					470					710				
235					475					715				
240					480					720				

Bentrite

water

sand
shale
streamer

shale
sandy
area

sand
shale
mix

vented
at 200

Bentrite
sandy
blue