

E

803
30-045-20537

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec 25 Twp 26 Rng 11

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

cps 1023w

Elevation 6433' Completion Date 9/22/75 Total Depth 440' 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. 220'

Depths gas encountered: N/A

Type & amount of coke breeze used: 300 lbs.

Depths anodes placed: 400', 390', 380', 370', 360', 350', 340', 330', 320', 310', 300', 290'

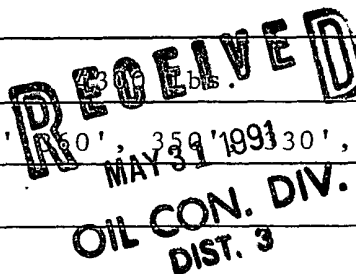
Depths vent pipes placed: N/A

Vent pipe perforations: 210'

Remarks: gb #1

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 9-22-75

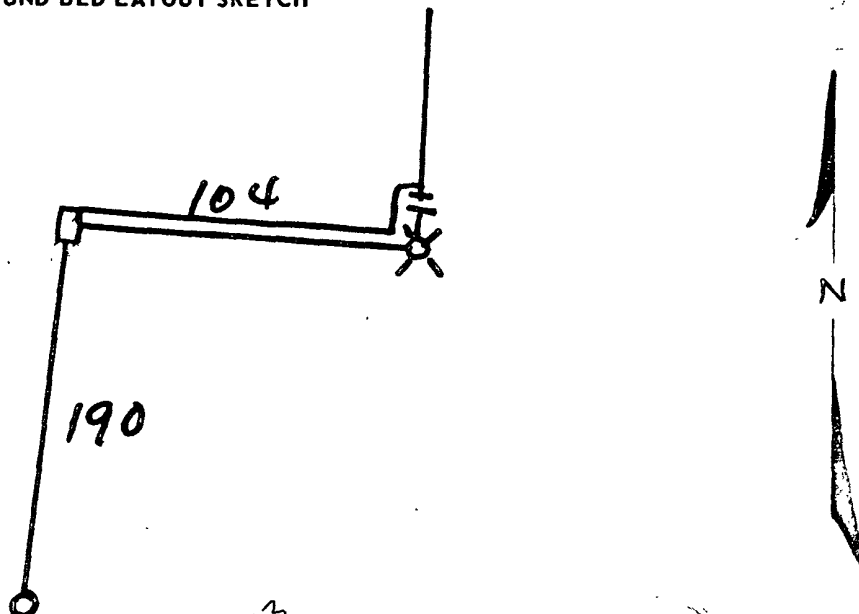
Well Name <u>P.L. Davis #2</u>		Location <u>NE25-26-11</u>		CPS No. <u>1023W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>54581</u>	
Anode Hole Depth <u>440</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>4300</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>400</u>	# 2 <u>390</u>	# 3 <u>380</u>	# 4 <u>370</u>	# 5 <u>360</u>	# 6 <u>350</u>
# 7 <u>330</u>	# 8 <u>310</u>	# 9 <u>300</u>	# 10 <u>290</u>		
Anode Output (Amps)					
# 1 <u>4.2</u>	# 2 <u>4.6</u>	# 3 <u>5.0</u>	# 4 <u>4.2</u>	# 5 <u>4.6</u>	# 6 <u>4.0</u>
# 7 <u>3.5</u>	# 8 <u>3.6</u>	# 9 <u>4.3</u>	# 10 <u>3.8</u>		
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>10.5</u>	Amps <u>18.0</u>	Ohms <u>0.58</u>	<u>3780</u>		

Remarks: Start water injection at 220' - Blow out 10-15
G.P.M. at 300' Drill to 440' - water at 220' in
30 Min -
vent Perforated 210

Construction Completed

Darrela
(Signature)

GROUND BED LAYOUT SKETCH



1023W - 9-22-75

MW	gas/mol
16	C ₂ 6.4
30	C ₃ 10.12
44	C ₄ 10.42
58	C ₅ 12.38
72	NC ₄ 11.93
86	IC ₆ 13.85
100	NC ₆ 13.71
114	IC ₇ 15.80
128	CA 15.57
142	IC ₈ 17.2
156	C ₉ 17.46
170	C ₁₀ 19.72
184	C ₁₁ 19.64
198	C ₁₂ 19.67

MW	MBC	gas/mol
44	CO ₂	0.38
34	H ₂ S	5.17
28	N ₂	4.18
2	H ₂	3.38

220	5	400	1.8	Start inj at 220 Blowing out 10-15 GPM. VENT PERFEZIO Slurry 43 Coke
	.6		1.9	
30	7	10	1.9	
	1.0		1.9	
40	1.0	20	418' TD	
	1.2 -			
50	1.1	30		
	.7			
60	.5	40		
	.4			
70	.3			
	.5			
80	.5			
	.7			
90	1.6 -			
	1.7			
300	1.7 -			
	1.7			
10	1.5 -			
	1.1			
20	.8	1 400	2.2	4.2
	.9	2 390	2.4	4.6
30	1.4 -	3 380	2.3	5.0
	1.2	4 370	2.1	4.2
40	.5	5 360	2.4	4.6
	.5	6 350	2.2	4.0
50	1.6 -	7 330	1.7	3.5
	1.6	8 310	2.0	3.6
60	1.8 -	9 300	2.1	4.3
	1.9	10 290	2.1	3.8
70	1.7 -			
	1.7			
80	1.8 -			
	1.8			
90	1.8 -			
	1.8			

$$180 / 10.5V \quad 18.0A = 0.58u$$

$$1900$$

$$1500$$

DAILY DRILLING REPORT

LEASE WELL NO. 193-10 CONTRACTOR RIG NO. # 3991 REPORT NO. DATE 9-22-1975

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
00	225'	Sand			326'	345'	Sandstone			370'	382'
225'	229'	Shale			345'	355'	Shale			382'	390'
229	300'	Sandstone			355'	365'	Sandstone			390'	395'
300'	326'	Shale			365'	370'	Shale			395'	405'
NO. DC SIZE LENG.				NO. DC SIZE LENG.				NO. DC SIZE LENG.			
BIT NO.				BIT NO.				BIT NO.			
SERIAL NO.				SERIAL NO.				SERIAL NO.			
SIZE				SIZE				SIZE			
TYPE				TYPE				TYPE			
TOTAL DEPTH				TOTAL DEPTH				TOTAL DEPTH			
MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED			
Time				Time				Time			
FROM				FROM				FROM			
TO				TO				TO			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
405'	440'	Sandstone									
440'	-	TD									

REMARKS -

REMARKS -

REMARKS -

Ramp at 125 - 140
Net 190 - 220
Depth 220 - 440

SIGNED: Toolpusher

Company Supervisor

[Signature]