

E

763
1A-30-045-21636
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 12 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced VANDERWART #1A

cps 1063w

Elevation 6250' Completion Date 9/16/76 Total Depth 378' 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. DAMP AT 135' WET AT 180'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 340', 330', 260', 252', 244', 236', 228', 195', 185', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: 234'

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

Drilling Log (Attach Hereto). ☐

Completion Date 9-16-76

Well Name Vanderwart No. 1A		Location NW 12-29-8		CPS No. 10634	
Type & Size Bit Used 6 3/4				Work Order No. 57003	
Anode Hole Depth Log 378	Total Drilling Rig Time	Total Lbs. Coke Used 40	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 340	# 2 330	# 3 260	# 4 252	# 5 244	# 6 236
# 7 228	# 8 195	# 9 185	# 10 175		
Anode Output (Amps)					
# 1 2.2	# 2 2.3	# 3 2.6	# 4 2.9	# 5 3.3	# 6 3.3
# 7 2.8	# 8 2.4	# 9 2.7	# 10 2.4		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 12.2	Amps 11.7	Ohms 1.04	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: Drill to 180 with air - Change to Water.
No Mud, Driller said Damp at 132 &
Got water to 180. Water Next A.M.
at 163 - T.D. 360 - Logged 325 - Went Back in
Hole & Clean out. & Drilled to 400
Went Perforated 234' - Slurry 40 Sacks
Note Anodes 3 thru 7 on 8' spacing. All Construction Completed

2248.50

134.40 Depth
78.24 Surf Cable
170.00 Anodes
112.09 Lead Wire

2743.23

109.72 Tax

\$2852.95

213.40 Insp.

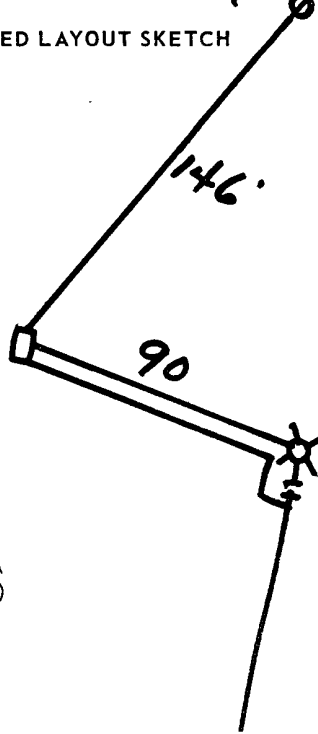
50.00

\$3116.35

194.50 Rect

\$3310.85

GROUND BED LAYOUT SKETCH



Daniel Hines
(Signature)

1063W
 SANDWATER #1-A TOM O'BRIEN DR-19 #1
 LEASE WELL NO. CONTRACTOR RIG NO. REPORT NO. DATE 8-16 1976

MORNING					DAYLIGHT					EVENING				
Driller Total Men In Crew					Driller TOM O'BRIEN 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.

BIT NO. 6 3/4 RT		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -			REMARKS -			REMARKS -		
0-10	Sh	Blk Dry	127-132	Sh	W	235-270	Sh	
10-12	S	D	132-181	Sh	Wet	270-303	Sh	Coarse
12-28	Sh	Bl	181-205	Sh	Pump	303-312	Blk	Sh. r f
28-29	S		205-216	S	Wet	312-322	S	
29-65	Sh	bl	216-235	Sh	Wet	322-333	Sh	
65-110	S	dry	235-242	Sh	Wet	333-336	Sh	Coarse
110-118	Sh	R	242-248	Sh		336-342	Sh	
118-127	S	Wet	248-254	Sh		342-348	S	

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet. _____ of _____

Date _____

By _____

File _____

57003

170-511
175-1114

VANDE WART No 1A NW 12-29-8 - 1063W

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	iC ₄ 12.38
58.12	nC ₄ 11.93
72.15	iC ₅ 13.85
72.15	nC ₅ 13.71
86.18	iC ₆ 15.50
86.18	C ₆ 15.57
100.21	iC ₇ 17.2
100.21	C ₇ 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 9.67

Drilled to 280 w air
Change to wtr. No Mud
Driller said Damp 132
Got water to 180-

wtr Next A 11 at 163

wtr @ 163

Vent Perf 234

Starry 40 sock

260
250
230
220
210

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

180	1.3	1.6	
	1.4	1.5	
150	1.5	1.5	
	1.2	1.2	
200	9	9	
	6	7	
10	5	6	
	6	8	
30	7	9	
	9	1.1	
50	1.4	1.6	
	1.8	1.7	
	1.5	1.6	
	1.6	1.6	
30	1.4	1.4	
	1.2	1.4	
60	1.2	1.4	
	8	8.9	
70	7	8	
	7	7	
80	6	7	
	6	7	
70	7	8	
	8	8	
300	8	8	
	8	8	
10	8	8	
	8	9	
50	8	9	
	9	1.0	
50		1.2	
		1.4	
40		1.2	
		9	
50		8	
		8	
60		8	
		8	
70		7	
	378	TD.	
50			
40			
200			

1	340	1.4	2.2
2	230	1.5	2.3
3	260	1.6	2.6
4	252	1.6	2.9
5	204	1.9	3.3
6	236	1.9	3.3
7	228	1.6	2.8
8	195	1.4	2.4
9	185	1.7	2.7
10	175	1.7	2.4

12.2V 11.7A 104