

#2 = 30-045-07284
#10 = 30-045-21129 4763

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. 20 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced FLORANCE C #2, #16

cps 549w

Elevation 5759' Completion Date 12/3/82 Total Depth 300' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF 10" PVC CASING.

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. 40' SAMPLE TAKEN.

Depths gas encountered: N/A

Type & amount of coke breeze used: 3000 lbs.

Depths anodes placed: 275', 265', 255', 240', 225', 215', 205', 195', 185', 175'

Depths vent pipes placed: 295' OF 1" PVC VENT PIPE

Vent pipe perforations: 260'

Remarks: gb #2

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 LOGDrilling Log. (Attach Hereto) ☐Completion Date 12-3-82

CPS #	Well Name, Line or Plant:	Work Order #	Static	Ins. Union Check
549-W	FLORENCE C#2 FLORENCE C#14	20032-19-50-20-63 55280-19-50-20-63		☐ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
SW 20-28-8	2"	DURON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300'	295'		APPROX 3000	
Anode Depth				
#1 275	#2 265	#3 255	#4 240	#5 225
#6 215	#7 205	#8 195	#9 185	#10 175
Anode Output (Amps)				
#1 2.25	#2 1.80	#3 1.80	#4 1.95	#5 2.25
#6 1.80	#7 1.90	#8 2.00	#9 2.60	#10 3.20
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 12.4	Amps 9.45	Ohms 1.3		

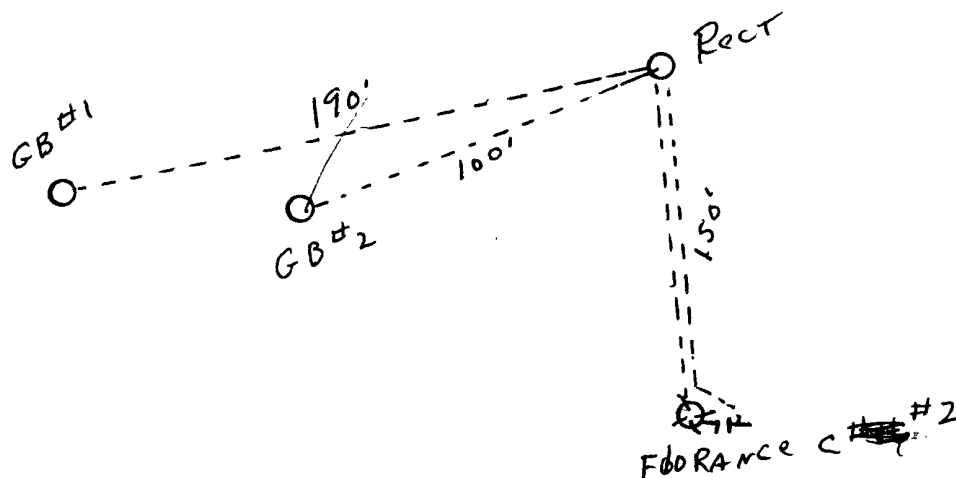
Remarks: DRILLER SAID HIT GRAVEL AT 30'. SET 40' OF 10" PVC CASING. DRILLER SAID HIT WATER AT 40'. GOT WATER SAMPLE. INSTALLED 295' OF 1" VENT PIPE PERFORATED 260' OF VENT PIPE. SLURRIED 3000' COKE DREZZE

Rectifier Size: V A
 Addn'l Depth
 Depth Credit: 205'
 Extra Cable: 10
 Ditch & 1 Cable: 100
 25' Meter Pole:
 20' Meter Pole:
 10' Sub Pole:
 2 Hrs. Set Casing

All Construction Completed

Willis Knight Jr
 (Signature)

GROUND BED LAYOUT SKETCH



CPS-549-W

LEASE *Florence C# 25/16* WELL NO. *C-25/16* CONTRACTOR *3-C % Corrosion Cont* FIG NO. *2* REPORT NO. *16* DATE *Dec 3* 19*82*

[illegible]

SIGNED: Toolpusher Brian Bunge

____ Company Supervisor _____

CPS 549-W
FLORENCE #2
FLORENCE #16
W/O 20032-19-56-20-63
W/O 55180-19-56-20-63

1	40	1.15	45	1.15	DRILLER SAID HOT GRAVEL
2	45	1.20	50	1.10	AT 30' SET 40' OF 10"
3	50	1.00	55	1.30 ③	PVC CASING
4	55	.90	60	1.25	DRILLER SAID HIT WATER
5	60	.85	65	1.30 ②	AT 40' GOT WATER SAMPLE
6	65	.80	70	1.70	INSTALLED 195' OF 1" VENT
7	70	.85	75	1.40 ①	PIPE. PERFORATED 260' OF
8	75	1.05	80	1.15	VENT PIPE. SURVEYED
9	80	1.95	85	1.00	APPROX 3000' OF COKE
10	85	1.90	90	1.45	BREEZE
11	90	2.35	95	1.40	
12	95	1.50	300		
13	100	1.75	05		
14	05	1.25	10		
15	10	1.75	15		
16	15	1.90	20		
17	20	1.40	25		
18	25	.95	30		
19	30	.95	35		
20	35	2.35	40		
21	40	2.55	45		
22	45	2.65	50		
23	50	2.70	55		
24	55	2.85	60		
25	60	2.70	65		
26	65	2.80	70		
27	70	2.80	75		
28	75	2.65 ⑩	80		
29	80	2.30	85		
30	85	2.00 ⑨	90		
31	90	1.65	95		
32	95	1.55 ⑧	400		
33	200	1.40			
34	05	1.35 ⑦			
35	10	1.30			
36	15	1.20 ⑥			
37	20	1.20			
38	25	1.80 ⑤			
39	30	2.25			
40	35	1.85			
41	40	1.50 ④			

Req	O.T.
12-2-82	2
12-3-82	8

①	275	1.50	2.25
②	265	1.30	1.80
③	255	1.30	1.80
④	240	1.50	1.95
⑤	225	1.80	2.25
⑥	215	1.30	1.80
⑦	205	1.40	1.90
⑧	195	1.60	2.00
⑨	185	2.10	2.60
⑩	175	2.75	3.20

V 12.4 A 9.45 - 1.3

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10682 Date January 20, 1983
 Operator El Paso Natural Gas Well Name Florence C #2, Florence C #16
 Location SW 20-28-8 County San Juan State New Mexico
 Field Blanco Formation

Sampled From CPS 549W

Date Sampled December 20, 1982 By

Tbg. Press.		Csg.	Surface Csg. Press.	
ppm	epm		ppm	epm
Sodium <u>677</u>	<u>29.4</u>	Chloride <u>32</u>	<u>0.9</u>	
Calcium <u>364</u>	<u>18.2</u>	Bicarbonate <u>112</u>	<u>1.8</u>	
Magnesium <u>61</u>	<u>5.0</u>	Sulfate <u>2400</u>	<u>49.9</u>	
Iron <u></u>	<u></u>	Carbonate <u>0</u>	<u>0</u>	
H ₂ S <u></u>	<u></u>	Hydroxide <u>0</u>	<u>0</u>	

cc: R. A. Ullrich
 E. R. Paulek
 J. W. McCarthy
 J. D. Evans
 W. B. Shropshire
 D. C. Adams
 File

Total Solids Dissolved 3850
 pH 7.6
 Sp. Gr. 1.0010 At 60°F
 Resistivity 225 ohm-cm at 70°F

Dennis P. Bird
 Chemist

RZE

