

778

1R- 30-045-24424

9- 30-045-21547

10- 30-045-09209

E

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. 27 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced RIDDLE B #9, #10, #1R

cps 1033w

Elevation 6230' Completion Date 11/4/76 Total Depth 355' 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. WET AT 148'

Depths gas encountered: N/A

Type & amount of coke breeze used: 55 SACKS

Depths anodes placed: 325', 275', 220', 210', 195'

Depths vent pipes placed: N/A

Vent pipe perforations: 210'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Logged

Drilling Log (Attach Hereto). ☐

Completion Date **11-4-76**

Well Name Riddle B-9, 10, 12		Location NE 27-30-10		CPS No. 1033W	
Type & Size Bit Used 6 3/4				Work Order No. 55984	
Anode Hole Depth Log 355	Total Drilling Rig Time	Total Lbs. Coke Used 55	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 325	# 2 275	# 3 220	# 4 210	# 5 195	# 6
Anode Output (Amps)					
# 1 2.9	# 2 2.8	# 3 3.7	# 4 3.7	# 5 3.5	# 6
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 11.5	Amps 9.1	Ohms 1.26	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: **Driller said met at 148' Drill 360 Log 255'-**
Vent Perforated 210'
Slurry 55 Coke

#2, 642.00
34.00 X C.P. Cable
54.25

#2, 726.25
109.05 TAX

2, 235.30
330.00 Coke
213.40 WSP.
59.00 Misc

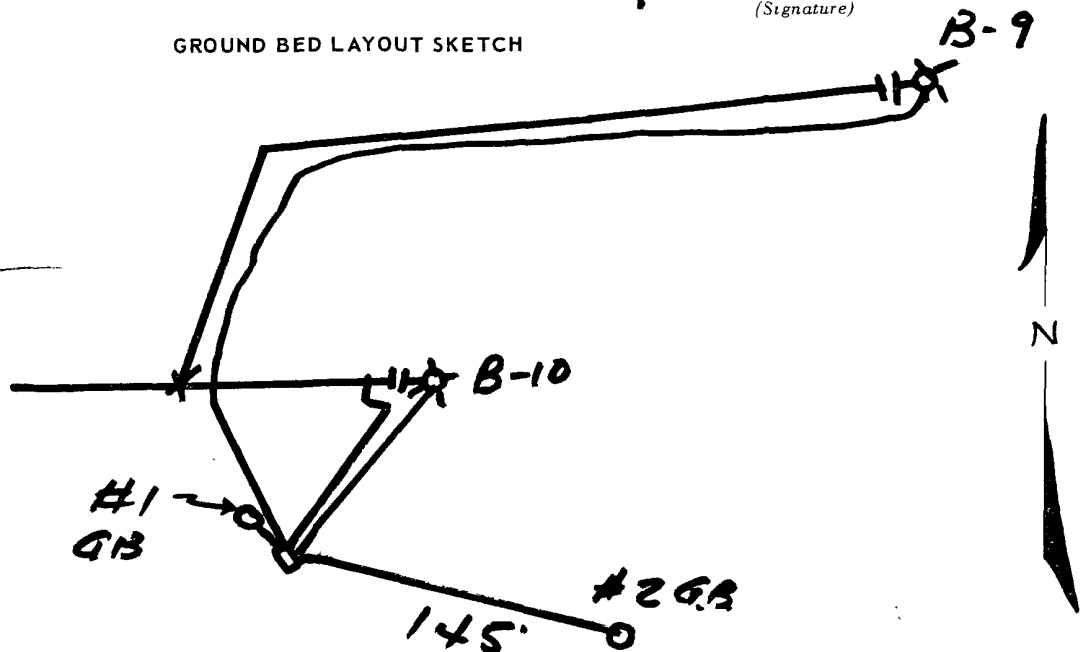
#3, 728.70

2230

All Construction Completed

Danels
(Signature)

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

1033W

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

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

150 .6
60 1.0
70 6
20 4
2.1
2.1
2.0
2.0
2.1
2.3
2.2
1.9
1.5
1.4
1.2
1.2
50 1.1
9
60 6
7
70 8
60 1.6
1.4
1.2
1.3
1.2
300 1.1
1.1
10 1.2
1.2
20 1.2
1.5
30 1.5
1.1
40 1.6
2.1
50 2.2

355 T.D.

55 cake

vent Perf 210

1	325	1.8	2.9
2	275	2.0	2.8
3	220	2.9	3.7
4	210	2.9	3.7
5	195	2.9	3.5

26
11.50 9.1A 1.26-2

226
152
580

5.6
5.0
13.5

LEASE

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

DATE

1976

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	FORMATION	WT-BIT	R.P.M.	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.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		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	
0	45	Sh		170	193	Sh		282	305	Sh	
45	55	Sh		193	204	Sh		308	337	Sh	
55	95	Sh	very damp	204	215	Sh		337	360	Sh	w/so streaks
95	140	Sh		215	224	Sh					
140	148	Sh	damp	224	231	Sh					
148	170	Sh	oily	231	282	Sh	wet				

REMARKS -				REMARKS -				REMARKS -			

SIGNED: Toolpusher

Company Supervisor