

1215

30-045-23053

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. 32 Twp 32 Rng 11

Name of Well/Wells or Pipeline Serviced SINCLAIR COM #1A

cps 1453w

Elevation 6503' Completion Date 7/25/79 Total Depth 420' 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. 160'

Depths gas encountered: N/A

Type & amount of coke breeze used: 49 SACKS

Depths anodes placed: 365', 355', 345', 335', 325', 290', 280', 270', 240', 230'

Depths vent pipes placed: 405'

Vent pipe perforations: 320'

Remarks: gb #1

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

Drilling Log (Attach Hereto). ☐

CONTRACT #2 (2" X 60" DURATION)

Completion Date 7/25/79

Well Name SINCLAIR COM #1A		Location SW 32-32-11		CPS No. 1453 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57403-21	
Anode Hole Depth 420' T.D. 405'	Total Drilling Rig Time	Coke Used 49 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 365'	2 355'	3 345'	4 335'	5 325'	6 290'
7 280'	8 270'	9 240'	10 230'		
Anode Output (Amps)					
1 4.9	2 5.1	3 5.4	4 4.8	5 4.5	6 4.1
7 3.8	8 3.8	9 4.4	10 4.6		
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. 6 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.6 V	Amps 18.9 A	Ohms .612			

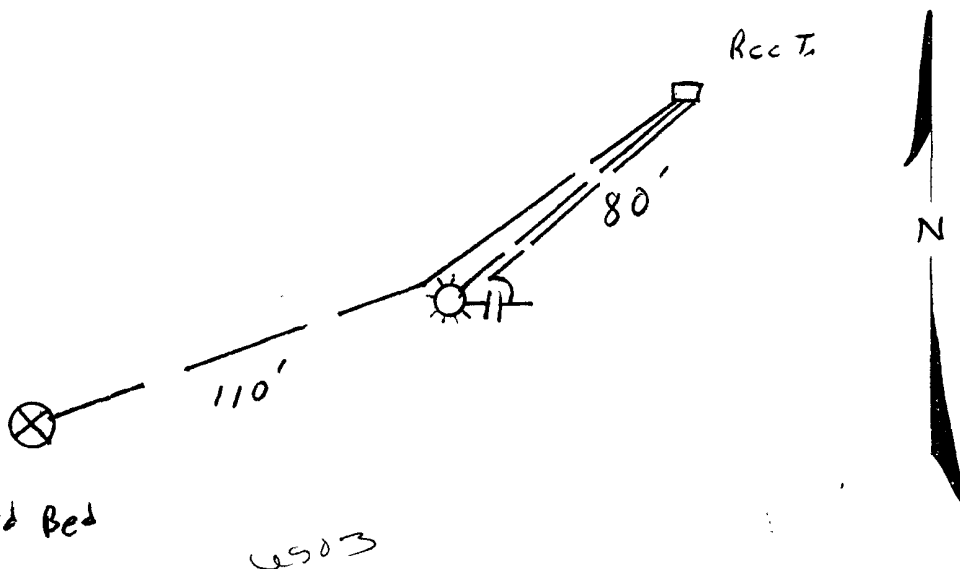
Remarks: STATIC 600' W. = .79V DRILLER SAID WATER AT 160'. APPROX. 1 GAL./MIN. DRILLED TO 180'. BLEW WATER OUT OF HOLE NEXT A.M. BUT WOULD NOT SETTLE OUT FOR WATER SAMPLE. DRILLED 420' LOGGED 405' NEXT A.M. INSTALLED 405' OF 1" P.V.C. VENT PIPE PERFORATED 320'.

DITCH + 1 CABLE = 190'
EXTRA CABLE = 180'
HOLE DEPTH - 95'
20' METER LOOP POLE
40V 16A RECT.

All Construction Completed

(Signature)
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

LEASE _____ WELL NO. _____ CONTRACTOR *Posey* RIG NO. _____ REPORT NO. _____ DATE *7-25-* 19 *79*

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.
BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____			BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____			BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____		
SER. NO. _____		STANDS _____			SERIAL NO. _____		STANDS _____			SERIAL NO. _____		STANDS _____		
SIZE _____		SINGLES _____			SIZE _____		SINGLES _____			SIZE _____		SINGLES _____		
TYPE _____		DOWN ON KELLY _____			TYPE _____		DOWN ON KELLY _____			TYPE _____		DOWN ON KELLY _____		
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.		
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN		
0	10	SURFACE (SANDSTONE)			168	180	SANDY SHALE			370	420	SANDY SHALE		
10	20	SANDSTONE			180	230	SHALE							
20	50	SHALE			230	290	SANDY SHALE							
?	75	SANDY SHALE			290	305	SHALE							
?	160	SANDSTONE			305	327	SANDY SHALE							
160	168	SAND MAKING WATER			327	370	SHALE & SAND STREAKS							
REMARKS -					REMARKS -					REMARKS -				
										MAKING WATER @ 160'				
										APPROXIMATELY 1 GAL PER MIN				
										a/b Posey				

SIGNED: Toolpusher

Posey

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

SINGLAI R COM #1A

CPS #1453 W

SW 32-32-11

57403-21

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

160-

360-2.5

2.4 - ①

70-

70-2.2

1.8

80-2.1

80-1.6

2.3

1.7

90-2.7

90-2.1

2.9

2.4

200-2.9

400-2.4

3.0

T.D.

10-2.9

10-

2.9

20-2.8

20-

2.8

30-2.5 - ①

2.4

40-2.4 - ③

2.2

50-2.0

1.8

60-1.9

2.2

70-2.2 - ③

2.3

80-2.2 - ③

2.1

90-2.3 - ③

2.1

300-1.8

1.5

10-1.6

1.6

20-1.6

2.5 - ⑤

30-2.4

2.5 - ④

40-2.8

2.9 - ⑦

50-2.6

2.5 - ②

Driller said water at
 160' Drilled To 180' New
 water out of hole next
 A.M. But would not settle
 out for water sample. Approx
 1 gal./min. Drilled 420'
 Logged 405, installed 405
 of 1" P.V.C. vent pipe, perforate
 320'.

7/24/79 8 hr.
 7/25/79 10 hr.

11.6 V. 18.9 A. = .61 Ω
 7/25/79

1-365-3.6-4.9
 2-355-3.8-5.1
 3-345-3.8-5.4
 4-335-3.7-4.8
 5-325-3.7-4.5
 6-290-3.1-4.1
 7-280-3.1-3.8
 8-270-3.1-3.8
 9-240-3.3-4.4
 10-230-3.5-4.6