

1044
15 30-039-07042
40-30-039-20228
20228
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. 16 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #40, #15
cps 1707

Elevation 6690' Completion Date 9/22/83 Total Depth 340' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF PLASTIC 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. 160' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 295', 285', 240', 230', 220', 210', 160', 150', 140', 130'

Depths vent pipes placed: 340'

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED
MAY 31 1981
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.

Drilled to 40' approx 30' sugar sand
 at top of hole - Rammed to 37' + set
 40' of plastic casing - 2 1/2 hrs.
 Drilled to 160' waited 30 min.
 caught water sample. Caught
 second water sample next am
 water standing at 85' - water
 formation at 110' Drilled to 340'
 Logged 340' 38 sacks coke
 340' vent pipe with 260 port

- ① 295-1.10-2.27
- ② 285-1.32-2.63
- ③ 240-1.10-3.20
- ④ 230-1.80-4.10
- ⑤ 220-1.88-4.39
- ⑥ 210-1.45-3.39
- ⑦ 160-1.04-2.12
- ⑧ 150-1.51-2.84
- ⑨ 140-1.89-3.55
- ⑩ 130-1.87-3.41

11.57V 12.15 A = .95 ohms

340

10 hrs

1.13 ← 3

1.39 ← 2

.96 ← 1

1.92
 .42
 .33
 .28
 .30
 .35
 .38
 .74
 1.39
 1.21
 .96
 .45
 .42
 .34
 .30
 .30
 .38
 .37
 .35

26	110	.41	1.00	.87	250	240	1.13 ← 3
25	120	.87	1.30	.42			
24	130	1.75-10	.33	.28			
23	140	1.63	.30	.35			
22	150	1.78-9	.38	.74			
21	160	1.04-8	.89	1.39 ← 2			
20	170	1.03-7	.65	1.21			
19	180	.38	.46	.96 ← 1			
18	190	.77	.46	.42			
17	200	.46	.46	.34			
16	210	.46	.46	.30			
15	220	.71	.64	.30			
14	230	1.24	.71	.37			
13	240	1.53-6	.35	.38			
12	250	1.95-5	.37	.45			
11	260	2.11	.42	.42			
10	270	1.59-4	.46	.42			
9	280	1.95-5	.46	.42			
8	290	2.20	.46	.42			
7	300	2.30	.46	.42			
6	310	2.10	.46	.42			
5	320	1.79	.46	.42			
4	330	1.59-4	.46	.42			
3	340	1.95-5	.46	.42			
2	350	2.20	.46	.42			
1	360	2.30	.46	.42			

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

ANALYSIS NO.: 1-10908
OPERATOR: EPNG
LOCATION: 16-27-5
FIELD: BLANCO
SAMPLED FROM: 110 FEET CPS 1707
DATE SAMPLED: 10-26-83
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: 11-3-83
WELL NAME: S. J. 27-5 #40 CPS 1707W
COUNTY: R.A. STATE: NM
FORMATION:
BY: ROBERT J. BABNICK
CASING PRESSURE:

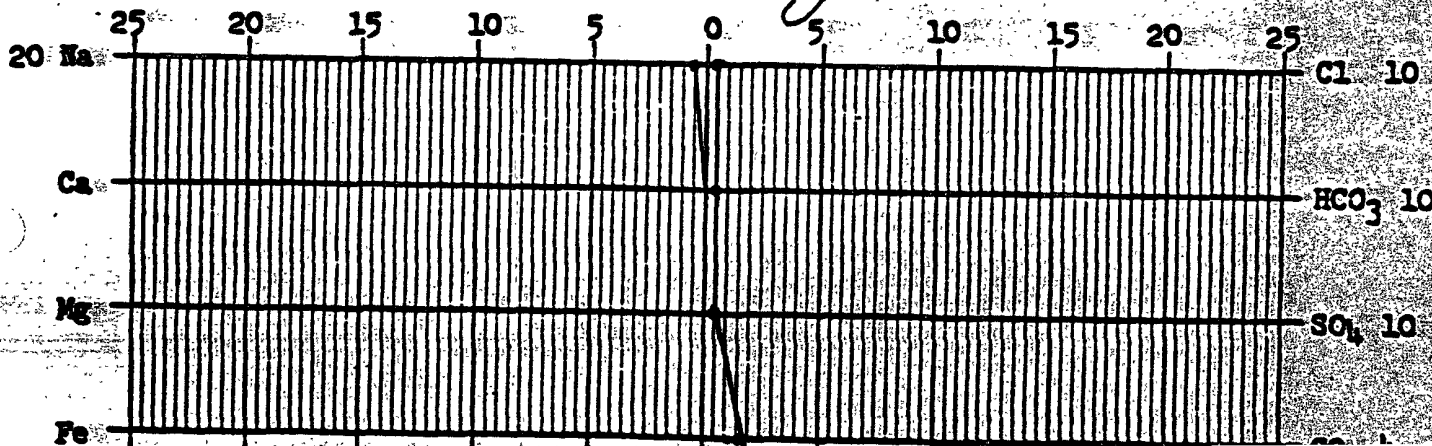
	SAMPLE SIZE	ml. TIT	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	10	3.2	320		
P ALKALINITY	10	.4	40		
BICARBONATE	10	2.4	240	293	4.80
CARBONATE	10	.8	80	48	1.60
CHLORIDE	10	.5		50	1.41
SULFATE				100	2.08
TOTAL HARDNESS	10	0	0		
CALCIUM	10	0	0	0	0.00
MAGNESIUM	10	0	0	0	0.00
IRON				0.00	0.00
SODIUM (CALCULATED)				227	9.89
H2					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				1040	
pH				8.8	
SPECIFIC GRAVITY					
RESISTIVITY					
CONDUCTIVITY					

NO TEST AT 60F
666 OHM-CM AT 73 F
1500 MICROMHDS @ 25C.

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

CC: R. A. ULLRICH
D. C. ADAMS
E. R. PAULEK
W. B. SHROPSHIRE
FILE

Joe Brannett
CHEMIST



403 #15

205 1707 W DAILY DRILLING REPORT

198

[illegible]

Company Supervisor

Robert B. Schmidt