

30-045-23048

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. 36 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced BEAVER LODGE COM #2A

cps 1376w

Elevation 5885' Completion Date 8/1/79 Total Depth 415' Land Type* N/A

Casing, Sizes, Types & Depths 100' OF 8" 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. WET AT 160' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 44 SACKS

Depths anodes placed: 355', 345', 330', 310', 295', 285', 265', 255', 245', 235'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

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

8 Hrs 20 min
3 Hrs 0 min

Drilling Log (Attach Hereto) ☐

2" x 60" DUREIRON Completion Date 8-1-79

Well Name BEVER LODGE COM 2A		Location NW 36-31-11		CPS No. 1376 W	
Type & Size Bit Used		STAT 1C = .82		Work Order No. 57312-21	
Anode Hole Depth 415'	Total Drilling Rig Time	Total Lbs. Coke Used 44 BAGS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	355	345	330	310	295
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	5.6	5.4	5.4	4.8	5.1
Anode Depth	# 6	# 7	# 8	# 9	# 10
	285	265	255	245	235
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	5.3	4.8	5.8	6.6	6.3
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.6		Amps 19.8		Ohms .58
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: Cable tools set 100' 8" casing then bidders drilled 160' set power night 40' water in hole next AM. Reestimated 5 gal water per minute. Drilled 420' logged 415'.

185' Depth Credit
20' METER POLE
40/16 RECT

All Construction Completed

B.T.

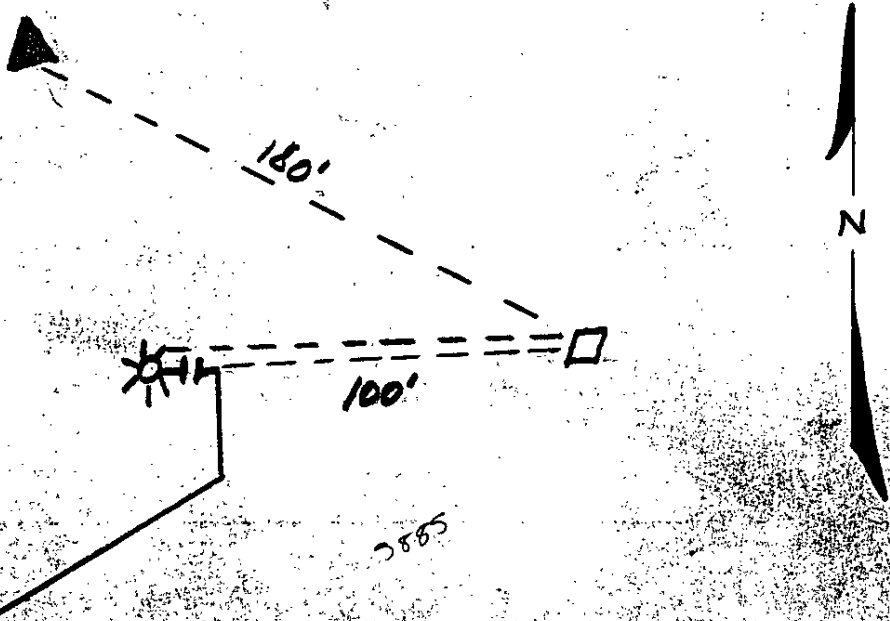
(Signature)

DITCH & 1 CABLE 280'

GROUND BED LAYOUT SKETCH

EXTRA CABLE 125'

100' Cable Tool (Boulders)



DISTRIBUTION:

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

LEASE	WELL NO.	CONTRACTOR	RIG NO.	REPORT NO.	DATE
		<i>Looney</i>			8-1 1979

Harry

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

8420 rev
3 HODT Sheet: 1 of 1
Date: 12/1/81
By: [Signature]
File: 8-1-11

STATIC = .82 1376 W
BEAVER LODGE Com #2A

NW36-31-11
57312-21

Cable Tool set 100' pipe drilled to 160' - 40' water
in hole next AM. Drilled 420 logged 415' TD415
Estimate 5 gal water per min.

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

20	2.3		
25	2.2		
30	2.1		
35	2.1		
40	1.9	330	2.9 - (3)
5	2.2	35	2.9
10	2.0	40	2.8
15	2.1	45	2.8 - (2)
20	2.4	50	2.9
25	2.0	55	3.1 - (1)
30	2.1	60	2.9
35	2.9 - (11)	65	2.8
40	3.3 - (10)	70	2.5
45	3.0 - (9)	75	2.3
50	3.0	80	2.2
55	2.7 - (8)	85	2.2
60	2.7	90	2.2
65	2.4 - (7)	95	2.0
70	2.5	100	.1
75	2.4	5	.6
80	2.5	10	.7
85	2.8 - (6)	15	.6
90	2.8	20	
95	2.8 - (5)	25	
300	3.2 - (4)	30	
5	2.8	35	
10	2.7 - (3)	40	
15	2.9	45	
20	2.7	50	
25	2.9		
1=	355	4.6	5.6
2=	345	4.5	5.4
3=	330	4.6	5.4
4=	310	4.2	4.8
5=	295	4.4	5.1
6=	285	4.2	5.3
7=	265	3.4	4.8
8=	255	4.1	5.8
9=	245	5.0	6.6
10=	235	4.6	6.3

11.6V 19.8A = .58-5

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

Analysis No. 1-9669 Date 8-14-79

Operator EPNG Well Name BEAVERLODGE COM #2A

Location NW 36 - 31-11 County State

Field Formation

Sampled From CPS 1376 W

Date Sampled By

Tbg. Press. Csg. Press. Surface Csg. Press

ppm epm ppm epm

Sodium 4554 198 Chloride 114 3

Calcium 432 22 Bicarbonate 137 2

Magnesium 39 3 Sulfate 10500 218

Iron PRESENT Carbonate 0 0

H₂S ABSENT Hydroxide 0 0

cc: D.C.Adams Total Solids Dissolved 17072

R.A.Ullrich

E.R.Paulek

J.W.McCarthy

A.M.Smith

W.B.Shropshire

File

C.B. O'Nan

PH 8.2

Sp. Gr. 1.0165 at 60°F

Resistivity 56 ohm-cm at 75 °F

Cheryl Terwilliger
Chemist

