

30-039-60102

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. 15 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #56

cps 305w

Elevation 6208' Completion Date 6/6/74 Total Depth 320' 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 170' WATER AT 240'

Depths gas encountered: N/A

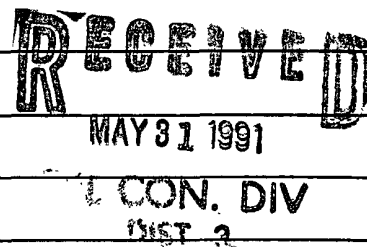
Type & amount of coke breeze used: N/A

Depths anodes placed: 285', 275', 265', 255'

Depths vent pipes placed: N/A

Vent pipe perforations: 170'

Remarks: gb #2 HOLE #2)



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

GND BED No 2

Drilling Log (Attach Hereto). ☐

Completion Date 6-6-74

Well Name S.J. 29-7 #56	Location NE 15-29-7	CPS No. 305W
Type & Size Bit Used 6 3/4		Work Order No. 40157.01-50-20
Anode Hole Depth #1 540 #2 320	Total Drilling Rig Time	Total Lbs. Coke Used
	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Output ^{Depth}		
#1 1.9 #2 1.9 #3 1.5 #4 1.5 #5 1.9 #6 1.9 #7 2.3 #8 1.8 #9 2.8 #10 2.4		
Anode Output (Amps)		
#1 450 #2 440 #3 430 #4 420 #5 355 #6 345 #7 285 #8 275 #9 265 #10 255		
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		
Volts 11.3 Amps 9.0 Ohms 1.25		
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

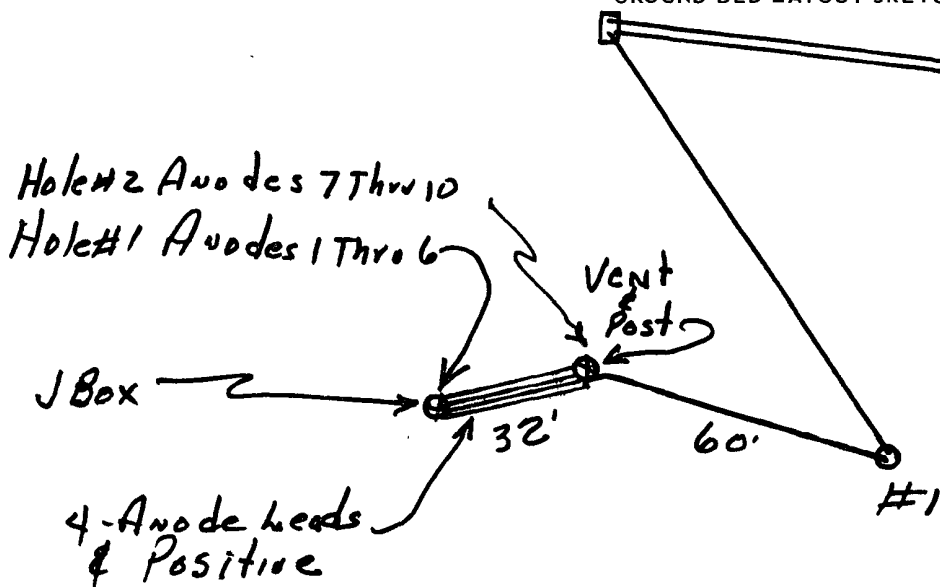
Remarks: Hole Caved - 6 Anodes had responded to Coke
Drilled 2nd Hole & installed 4 anodes
#1 Hole Vent Perf. 327' - After Hole Caved 6-3-74
Filled to Surface with Coke (Dry) 6-6-74
Hole #2 - Vent Perforated 170' - Pumped over all anodes
Complete By Slurry

All Construction Completed

Paulek - Darrels

(Signature)

GROUND BED LAYOUT SKETCH



#3,439.50
- 50.00 Depth
#3,397.80
135.91 Tax
\$3,533.71 = TOTAL

STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill OTK Portadrill

Hole #1

Date 5-31-74

Owner C.P.S.

305W

Location

City _____ State _____ County _____

From	To	Formation	Color	Hardness
0	19	CLAY	TAN	Soft
19	110	SAND	TAN	Fine
110	255	Shale Sandy	GRAY	Med
255	300	Shale	GRAY	Med
300	355	SAND	GRAY	Med
355	355			
355	365	Shale	GRAY	Med
365	540	SAND	GRAY	Med
	@	135ft. Net = Start F.A.M.		
	@	255ft. Water 90 to 100 G.P.M.		
Trip out & log hole @ 500 ft.				

Total Hours _____

Equipment Down Time _____

Hours Drilling 9

Driller Bob

Helper RAY

Helper AI

C.P.S. Time 2 hrs. ^{Thur} ^{Fri.}

S.W.W.D.I. Time _____

Total Footage 540

Approval of
C.P.S. Engineer _____

Hole #1

305 W X = 6.6

6-3-74

(wet)

279-40
279-20
279-24

MW	gas/mol
16	6.4
30	9.56
44	10.42
58	12.38
72	13.85
86	15.50
100	17.2
114	19.38
128	21.64
142	24.07

26025
25417
2209
2415450
227
263

MW	MSC	gas/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

120			300	4						Driller Said Water at 120'
				2						Drilled to 500' Log
30			10	5						Water level at 300' Log to 483
				6	80	6				Pull Back to 120' - unable to Fill
40	4		20	6	52	10	6			hole to 120' with water - Take it
				6	90					Fast as we Put it in -
50			30	6						
				6	500					Vent Perf. 327
60	3		40	6						Pump Hose Stopped
	4			8						Pull Hose - unable
70	3		50	12						to Get Back Down
	3			8						Hole Caved - Anodes
80	4		60	6						7 thru 10 - No Coke
	4			6						Cut Hose back to approx 11.
90	3		70	5						Anodes 7 thru 10 - Tight
	4			4						Left Loc. 12:10 PM
200	2	1	80	4						
	3	4		5						1 450 7 1.0 1.9
10	3	9	90	5						2 440 1.0 .8 1.9
	.8	8		5						3 430 7 .6 1.5
20	.6	7	400	5						4 420 7 .7 1.5
	5	7		6						5 355 8 .8 1.9
30	.6	7	10	6						6 345 8 .8 1.9
	.6	7		6						7 270 7 .7 .7
40	.6	8	20	.7						8 260 1.0 1.0 1.0
	.7	9		.7						9 250 1.1 1.1 1.2
50	1.1	1.3	30	.7						10 215 .8 1.0 1.0
	1.1	1.5		.8						
60	1.0	1.0	40	1.0						
	.7	.7		.8						
70	.7		50	.7						
	.6			.6						
80	.4		60	.6						
	.5			.5						
90	.5		70	.5						
95	.6			.5						

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GENERAL OFFICE
14991 W. 44TH AVENUE

BAILEY OFFICE
CALL 1-838-4821

Drill GD 15W

Hole # 2

Date 6-6-74

Owner Storm Drq

C.P.S 305 W

Location
City _____ State _____ County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller Art Haswell

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

305W Hole #2 - 6-6-74

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 0.56
44	C ₃ 10.42
58	IC ₄ 12.18
72	NC ₄ 17.93
86	IC ₅ 13.71
100	IC ₆ 15.50
114	C ₇ 15.57
128	IC ₇ 17.2
142	C ₈ 17.46
156	C ₉ 19.38
170	C ₁₀ 19.64
184	C ₁₁ 21.53

120 300 6
30 10 6
40 311 T.D.
70 20

Driller Said water at 170'

Water Standing at 200 overnight.

Vent Per 170'
Pump above all anodes
Complete by Slurry

60

70

80

90

Anodes 1 Thru 6 in Hole #1
Anodes 7 Thru 10 this hole

200 4

4

10 4

4

20 5

8

30 8

7

40 7

8

50 7

8

60 9

1.3

70 1.0

1.1

80 8

8

90 6

4

	Wtr.	Colr.
7	2.85	2.3
8	2.75	1.8
9	2.65	3.8
10	2.55	2.4

MW	MISC	gas/mol
44	CO ₂	0.38
34	H ₂ O	5.17
24	N ₂	4.16
2	H ₂	1.38

11.3 V 9.0 A = 1.25

$$\begin{array}{r} 11.3 \\ - 2.50 \\ \hline 8.80 \\ - 1.60 \\ \hline 7.20 \\ - 5.00 \\ \hline 2.20 \end{array}$$

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NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 15 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #56

cps 305w

Elevation 6208' Completion Date 6/6/74 Total Depth 540' 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 135' (FOAM) WATER AT 255'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 450', 440', 430', 420', 355', 345'

Depths vent pipes placed: N/A

Vent pipe perforations: 327'

Remarks: gb #2 HOLE #1

RECEIVED
MAY 31 1991

CR. DIV.

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NORTHWESTERN NEW MEXICO
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Operator MERIDIAN OIL Location: Unit NE Sec. 15 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT # 56

cps 305w

Elevation 6208' Completion Date 3/6/63 Total Depth 300' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 1870 lbs.

Depths anodes placed: 278', 272', 266', 260', 254', 188', 141'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: qb #1

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RECEIVED

MAY 31 1991

OIL CON
DIST

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

DATE 3-6-63

WELL NAME San Juan 29-7 Unit #56 CPS NO. 305W

LOCATION Sec 15 T29N R7W

WORK ORDER NUMBER 184-40542-50-02

ANODE HOLE DEPTH 300

TOTAL DRILLING RIG TIME 12 Hrs

DRILLING TIME FOR RECTIFIER POLE HOLE _____

TYPE AND SIZE BIT USED 6 1/4 Rock 7539x

NUMBER SACKS MUD USED 0

NUMBER SACKS LOST CIRCULATION MAT'L USED 0

ANODE DEPTHS #1 278, #2 272, #3 266, #4 260 #5 254 #6 188 #7 141

TOTAL LBS. COKE USED 1870 22 Sacks

ANODE OUTPUTS 11.8 VOLTS, #1 1.0, #2 2.0, #3 2.4, #4 2.5 #5 1.7 #6 .9 #7 1.1

TOTAL CIRCUIT RESISTANCE: VOLTS 11.3 AMPERES 5.0 OHMS 2.2

NUMBER FEET SURFACE CABLE CONDUIT 357

DRILLING LOG (ATTACH HERETO).

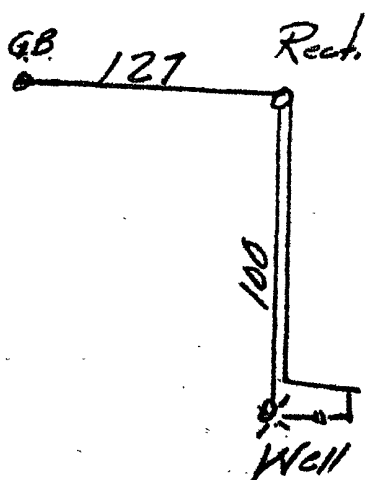
FORMATION LOG (ATTACH HERETO).

REMARKS: Static c/s .73 R. 600' SE.

ALL CONSTRUCTION COMPLETED

O. H. Morris
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

LEASE

WELL NO.

TRACTOR NO. 56.

RIG NO. *D-6*

REPORT NO.

DATE

9

SIGNED: Toolpusher

____ Company Supervisor

to new location
OH Records