

#63 30-039-07668

#540 30-039-25008

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. 10 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #63, #540
cps 308w

Elevation 6376' Completion Date 8/20/74 Total Depth 480' 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 8700 lbs.

Depths anodes placed: 420', 410', 400', 390', 380', 335', 325', 315', 305', 290'

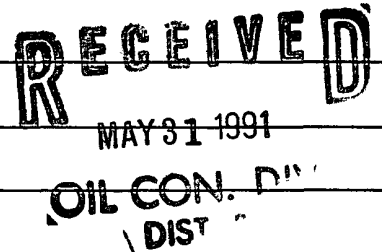
Depths vent pipes placed: N/A

Vent pipe perforations: 300'

Remarks: qb #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

20550

Drilling Log (Attach Hereto). ☐

Completion Date 8-20-74

Well Name SAN JUAN 29-7 #63		Location NE 10-29-7		CPS No. 308W	
Type & Size Bit Used 6 3/4				Work Order No. 53494	
Anode Hole Depth 480	Total Drilling Rig Time	Total Lbs. Coke Used 8700	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 420	# 2 410	# 3 400	# 4 390	# 5 380	# 6 335
# 7 325	# 8 315	# 9 305	# 10 290		
Anode Output (Amps)					
# 1 3.5	# 2 3.5	# 3 3.6	# 4 3.4	# 5 2.6	# 6 2.4
# 7 3.0	# 8 3.2	# 9 3.2	# 10 2.9		
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. 8 C.P. Cable Used	
Volts 12	Amps 12	Ohms 1	92		No. 2 C.P. Cable Used

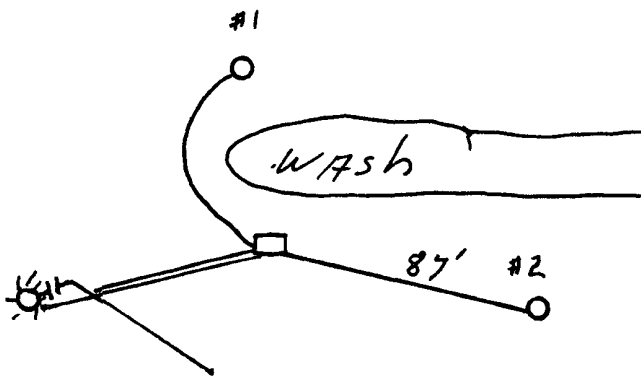
Remarks: DRILLER SAID WATER AT 140. WATER STANDING AT 300 AFTER 1 HR.
VENT PERFORATED 300'. STARTED LOG AT 200'.
PUMPED COKE TO TOP OF HOLE

All Construction Completed

W. J. Lutt

(Signature)

GROUND BED LAYOUT SKETCH



\$ 3,709.00
26.80 *Wash*
\$ 3,445.20
-110.00 *Wash*
\$ 3,335.20
133.43 *tax*
\$ 3,468.63

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 GD 15

Date 8-20-74

Owner C.P.S 300-W

Location _____
City SARASOTA, FL State FL County SARASOTA

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling_____

Driller Chf. Jack W. Ell

Helper_____

Helper_____

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

3091.1

X = 4.0

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 0.56
44	C ₃ 0.12
58	IC ₄ 0.12
72	NC ₄ 0.11
86	IC ₅ 0.13
100	NC ₅ 0.15
114	IC ₆ 0.15
128	C ₇ 0.17
142	C ₈ 0.19
156	C ₉ 0.21
170	C ₁₀ 0.23

MW	MISC	gas/mol
44	CO ₂	0.38
16	H ₂ O	0.12
28	N ₂	0.10
2	H ₂	0.38

12 volts		vent 300'		Drill 22 50' d	
12 Amps				water @ 140	
1 ohm				480' total Depth 480' 480'	
				480' water 5824 @ 140 30	
				1.30 1.50	
140		300	1.80	460	1.50 1.50
		10	1.80 1.40		1.90 1.90
50		10	1.70	70	1.60 1.60
		10	1.70 1.40		1.50
60		20	1.90 1.20	80	
		10	1.80 1.60		
70		30	1.80 1.20		
		10	1.60 1.00		
80		40	1.60 1.90		
			1.50 1.80		
90		50	1.50 1.70		
			1.50 1.70		
200	1.20	60	1.50 1.70		
	1.30		1.50 1.60		
10	1.30	70	1.50 1.60	1-420 - 2.30	3.50
	1.40		1.50 1.80	2-410 - 2.40	3.50
20	1.90	80	1.10 1.40	3-400 - 2.00	3.60
	1.80		1.00 1.20	4-390 - 2.00	3.40
30	1.40	90	1.30 1.50	5-380 - 1.60	2.60
	1.30		1.20 1.60	6-335 - 1.10	2.40
40	1.40	400	1.40 1.60	7-325 - 1.60	3.00
	1.40		1.30 1.60	8-315 - 1.50	3.20
50	1.40	10	1.40 1.70	9-305 - 1.80	3.20
	1.50		1.10 1.30	10-290 - 1.30	2.90
60	1.50	20	1.20 1.50		
	1.50		1.20 1.40		
70	1.70	30	1.40 1.60		
	1.80		1.60 1.90		
80	1.90	40	1.50 1.90		
	2.10		1.30 1.60		
90	1.40	50	1.20 1.40		

1.40

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

Operator MERIDIAN OIL Location: Unit NE Sec. 10 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #63, #540

cps 308w

Elevation 6376 Completion Date 3/6/63 Total Depth 120' 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:
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Depths gas encountered: N/A

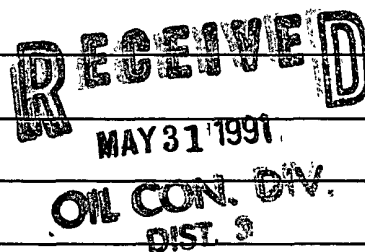
Type & amount of coke breeze used: 680 lbs.

Depths anodes placed: 90', 84', 78', 72', 66'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1



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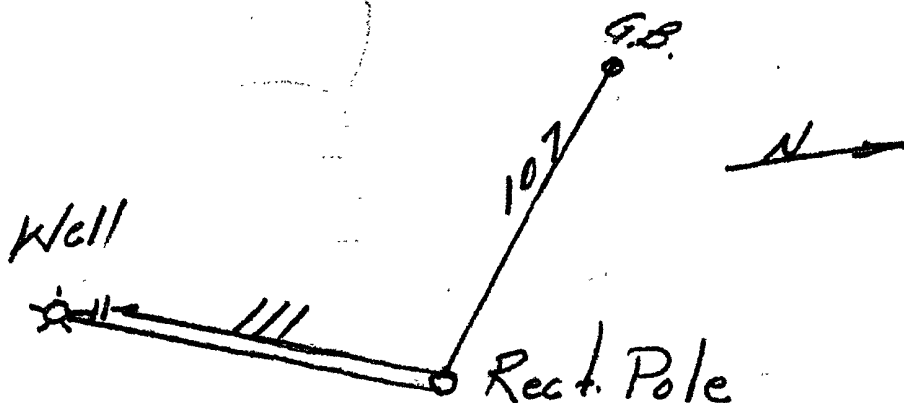
WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

DATE 3-6-63
WELL NAME SAN JUAN 29-7 UNIT #63 CPS NO. 3084
LOCATION SEC. 10 T 29 N R 7 W
WORK ORDER NUMBER 184-40542-50-02
ANODE HOLE DEPTH 120
TOTAL DRILLING RIG TIME 5 Hrs
DRILLING TIME FOR RECTIFIER POLE HOLE _____
TYPE AND SIZE BIT USED 6 1/4" Rock 75' 9"
NUMBER SACKS MUD USED 1
NUMBER SACKS LOST CIRCULATION MAT'L USED 1
ANODE DEPTHS #1 94-90 #2 84, #3 78, #4 72 #5 66 #6 _____
TOTAL LBS. COKE USED 680 8 sacks
ANODE OUTPUTS 12.4 VOLTS, #1 3.0, #2 3.5, #3 4.0, #4 4.0 #5 3.4
TOTAL CIRCUIT RESISTANCE: VOLTS 11.8 AMPERES 8.0 OHMS 1.48
NUMBER FEET SURFACE CABLE CONDUIT 248'
DRILLING LOG (ATTACH HERETO).
FORMATION LOG (ATTACH HERETO).
REMARKS: Static g/s .77 R 600' NE

ALL CONSTRUCTION COMPLETED

Ott. Serrels
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

19

DAYLIGHT

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•
•

BIT NO.	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____
SER. NO. <u>751781</u>	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____
SIZE, <u>6 1/2</u>	SINGLES	SINGLES	SINGLES
TYPE, <u>M-3</u>	DOWN ON KELLY	DOWN ON KELLY	DOWN ON KELLY
MAKE <u>140 144 mac</u>	TOTAL DEPTH <u>120</u>	TOTAL DEPTH	TOTAL DEPTH
	MAKE	MAKE	MAKE

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.	
			<i>1 Well</i>								
			<i>1 Mud</i>								
FROM	TO		TIME BREAKDOWN	FROM	TO		TIME BREAKDOWN	FROM	TO		TIME BREAKDOWN

[illegible]

REMARKS -

Mr. S. S. [REDACTED]

Company Supervisor

Chandy