

#38 30-039-07665

#545 30-039-24829

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. 12 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #38, #545

cps 31lw

Elevation 6363' Completion Date 8/31/71 Total Depth 700' 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. 290'

Depths gas encountered: N/A

Type & amount of coke breeze used: 9800 lbs.

Depths anodes placed: 515', 505', 495', 485', 475', 465', 455', 375', 365', 355'

Depths vent pipes placed: 515'

Vent pipe perforations: 390'

Remarks: gb #2

RECEIVED

MAY 31 1991

CON. DIV

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

CPS CONTRACT

Logged

Drilling Log (Attach Hereto). ☐

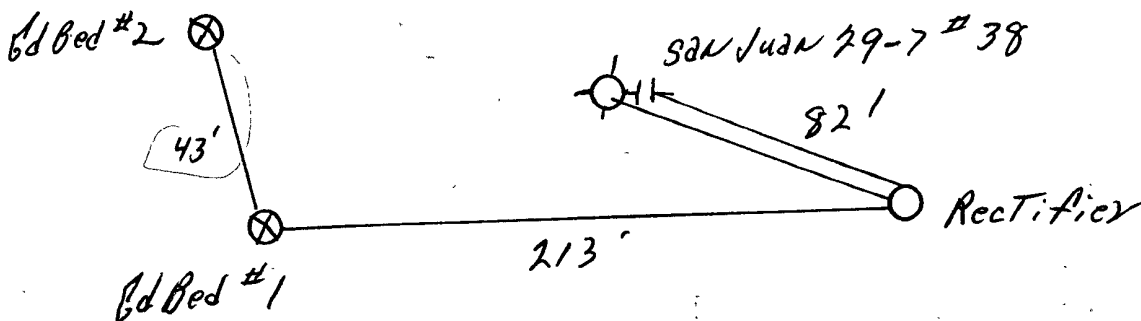
Completion Date 8/31/71

Well Name <u>SAN JUAN 29-7 # 38</u>				Location <u>NE 12 - 29N-7W</u>				CPS No. <u>311 W</u>			
Type & Size Bit Used <u>6 3/4"</u>								Work Order No. <u>184-52655-19-50-20</u>			
Anode Hole Depth <u>700'</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>9800</u>		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	<u>515</u>	<u>505</u>	<u>495</u>	<u>485</u>	<u>475</u>	<u>465</u>	<u>455</u>	<u>375</u>	<u>365</u>	<u>355</u>	
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	<u>4.2</u>	<u>4.9</u>	<u>4.7</u>	<u>4.7</u>	<u>3.3</u>	<u>4.5</u>	<u>4.2</u>	<u>2.2</u>	<u>4.2</u>	<u>4.1</u>	
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		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			
Volts <u>113</u>		Amps <u>12.6</u>		Ohms <u>.89</u>		<u>53'</u>					

Remarks: Driller said WCT @ 290' Vent Hose Perforated 390' To 1 and
8-30-71 - Logged Hole at 480' - Not Enough For Anode Placement. Drilled to 600'
8-30-71 Logged Hole, Still Not enough, Drilled to 700' Logged Hole - Logged
Different - Probably Malfunction with Logging Device. 8-31-71 - Attempt
to Put Anodes in Hole. Got 8 Anodes Down, Could Not get #9 Down, - Cables
Twisted Around Pump Hose. Pulled 6 Anodes From Hole. & Pump Hose.
9-1-71 - Removed Rest of Anodes - Could Not Get Back in hole to original scheduled
Depth - Moved all anodes up Hole. commenced pumping. Anodes plugged
NUMEROUS TIMES #8 Anode did NOT Respond to coke in
compersion TO OTHER ANODES
Pumped TO Above ANODES
completed BY slurry

Paul H. Daniels
(Signature)

GROUND BED LAYOUT SKETCH



C.P.S

DAILY DRILLING REPORT

LEASE WELL NO. 311-W CONTRACTOR Moorman RIG NO. 1 REPORT NO. 8-31 DATE 8-31 1971

MORNING				DAYLIGHT				EVENING							
Driller <u>Wagon</u>		Total Men In Crew <u>2</u>		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.	
0	15	Loose Sand			318	370	SAND -			540	690	SAND -			
15	320	Shale w/ sand streaks -			370	400	Shaly Sand -								
320	290	Shale			400	500	Sand & Bentonite sand -								
290	310	Wet Sand.			500	540	Shale								
BIT NO.				NO. DC				SIZE				LENG.			
SERIAL NO.				NO. DC				SIZE				LENG.			
SIZE				STANDS				SINGLES				DOWN ON KELLY			
TYPE				DOWN ON KELLY				SINGLES				DOWN ON KELLY			
MAKE				TOTAL DEPTH				MAKE				TOTAL DEPTH			
MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED			
Time				Time				Time				Time			
WT.				WT.				WT.				WT.			
VIS.				VIS.				VIS.				VIS.			
FROM				TO				FROM				TO			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			

REMARKS -

Drilled to 290' w/ Air.

REMARKS -

Blow mud Ball out at Hole @ 290'

Logged Hole No Good -

Drilled to 690' w/ Mud-Logged After Flushing -

3 Bits
10 Sacks Quick Gel -
2 11 L.C.M.
24 Dble Time

SIGNED: Toolpusher

Joe Moorman

Company Supervisor

Joe Moorman

311 W-D-111215 Said W+E. at 290

[illegible]

MW	g mol^{-1}	CH ₂
44	-CO ₂	6.38
78	-H ₂	5.17
78	-NH ₂	4.16
72	-H	3.38

[illegible]

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

Operator MERIDIAN OIL Location: Unit NE Sec. 12 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #38, #545

cps 31lw

Elevation 6363' Completion Date 3/5/63 Total Depth 140' 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: 890 lbs.

Depths anodes placed: 120', 114', 108', 102', 96'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON
DIV

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WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

DATE 3-5-63

WELL NAME SAN JUAN 29-7 #38 CPS NO. 311W

LOCATION 12-29N-7W

WORK ORDER NUMBER 184-40542-50-02

ANODE HOLE DEPTH 140'

TOTAL DRILLING RIG TIME 6 hrs

DRILLING TIME FOR RECTIFIER POLE HOLE 0

TYPE AND SIZE BIT USED _____

NUMBER SACKS MUD USED 0

NUMBER SACKS LOST CIRCULATION MAT'L USED 0

ANODE DEPTHS #1 120', #2 114', #3 108', #4 102 5.96'

TOTAL LBS. COKE USED 890 lbs

ANODE OUTPUTS 12 VOLTS, #1 2.7, #2 3.2, #3 3.4, #4 3.1 5.2.9

TOTAL CIRCUIT RESISTANCE: VOLTS 11.8 AMPERES 7.4 OHMS 1.6 Ω

NUMBER FEET SURFACE CABLE CONDUIT 489'

DRILLING LOG (ATTACH HERETO).

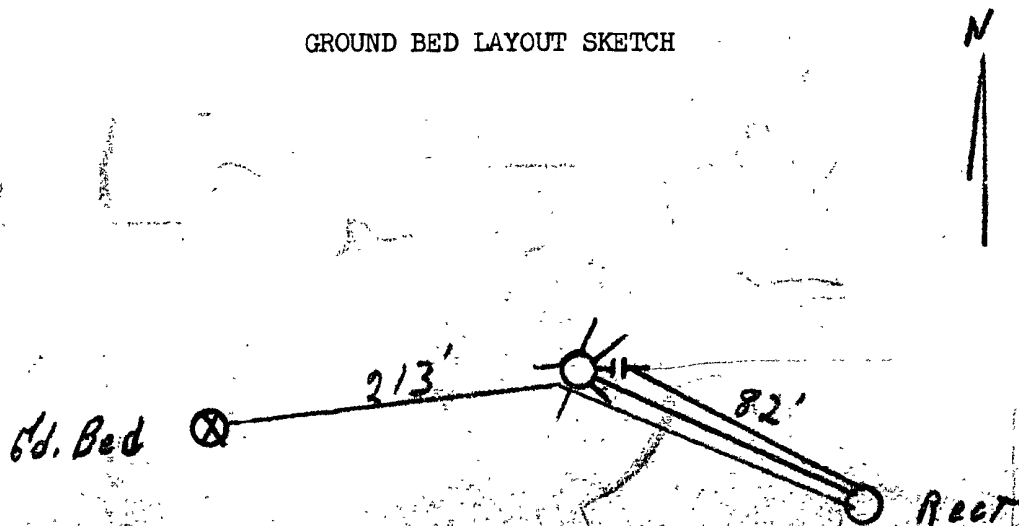
FORMATION LOG (ATTACH HERETO).

REMARKS: Static $\frac{V}{I} = .64 R$ 600' S.

ALL CONSTRUCTION COMPLETED

P. Paulk
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

MORNING

SIGNED: Toolpusher

Company Supervisor