

55- 30-039-07493
105- 30-039-20616
515- 30-039-24315

4249

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit NE Sec. 36 Twp. 29 Rng. 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #55, #105, #515

cps 2121w

Elevation 6432' Completion Date 6/10/70 Total Depth 360' 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. 170'

Depths gas encountered: N/A

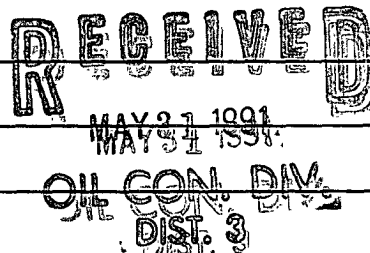
Type & amount of coke breeze used: 75 SACKS

Depths anodes placed: 330', 320', 310', 300', 290', 280', 270', 260', 180', 170'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #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

Drilling Log (Attach Hereto). ☐

#105
#615

Completion Date 6/10/70

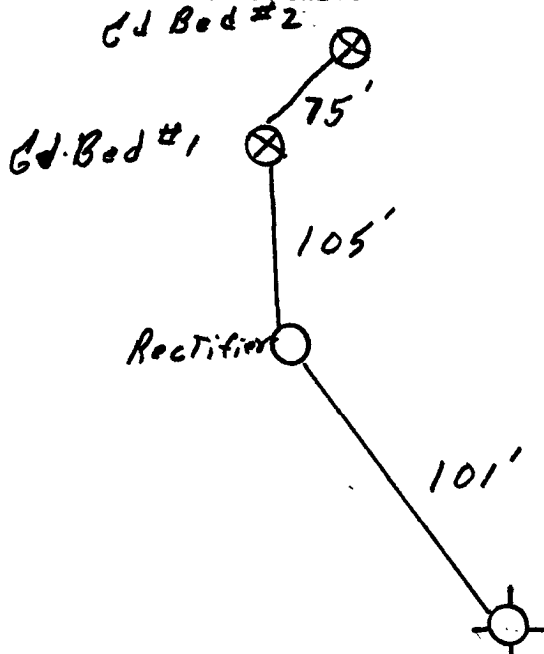
Well Name SAN JUAN 29-7 # 55		Location NE 36 - 29N - 7W		CPS No. 316 W 2121	
Type & Size Bit Used 6 3/4" ROCK				Work Order No. 184-53101-50-20	
Anode Hole Depth 360'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 330	# 2 320	# 3 310	# 4 300	# 5 290	# 6 280
# 7 270	# 8 260	# 9 180	# 10 170		
Anode Output (Amps)					
# 1 3.7	# 2 3.7	# 3 4.1	# 4 4.1	# 5 4.1	# 6 4.1
# 7 4.3	# 8 4.3	# 9 4.3	# 10 4.3		
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		No. 2 C.P. Cable Used	
Volts 11.5	Amps 12.7	Ohms .90			

Remarks: All Anodes in Pairs. Drilled with Air to 190
Water at 170'. Pumped 60 Sacks of Coke All
Anodes Responded Coke Started to Circulate Then
Hose plugged off Completed Hole with Slurry.
Total coke = 75 Sack
Driller Twisted off Recovered on First Try

All Construction Completed

E. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



WELL TYPE GROUNDBED D. A

DATA SHEET NO. 7177

COMPANY: EL PASO NAT'L GAS CO JOB NO. 5664 DATE: 6-9-70
 WELL: UNIT No 55 PIPELINE: CPS No 316-W
 LOCATION: SEC 36 TWP. 29N RGE. R7W CO. RIO ARRIJIA STATE NEW MEXICO
 ELEV. 652 FT: ROTARY 360 FT: CABLE TOOL N/A FT: CASING N/A FT.
 GROUNDBED: DEPTH 360 FT. DIA. 6 3/4 IN. GAS 7500 LBS. ANODES 10-CDD-0-51

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
5	SURFACE SOIL (0-6')							
10	SANDSTONE (6-47')							
20	"							
30	"							
40	"							
50	SANDY SHALE (47-110')							
60	"							
70	"							
80	"							
90	"							
100	"							
110	SANDSTONE (110-170')							
120	"							
130	"				12.0	0.93		
140	"				"	0.22		
150	"				"	0.53		
160	"				"	0.60		
170	"				"	1.15		
180	"				"	1.14		
190	"				"	0.84		
200	"				"	0.98		
210	"				"	1.65		
220	(WATER)				"	2.60		✓
230	SHALE (170-190)				"	2.80		
240	"				"	1.95		✓
250	"				"	0.92		
260	SANDSTONE				"	0.63		
270	"				"	0.74		
280	"	12.0	16.0		"	1.10		
290	"				"	1.34		
300	"				"	1.16		
310	"				"	0.82		

GROUNDBED RESISTANCE: (1) VOLTS _____ + AMPS _____ = _____ OHMS

(2) VIBROGROUND _____ OHMS



cathodic protection service

HOUSTON TEXAS

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

COMPANY _____ JOB No. _____ DATE: _____

WELL: _____ PIPELINE: _____

LOCATION: SEC. _____ TWP. _____ RGE. _____ CO. _____ STATE _____

ELEV. _____ FT. ROTARY _____ FT. CABLE TOOL _____ FT. CASING _____ FT.

GROUNDBED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
220		12	16.5		12.0	0.66		
					"	0.74		
230	SANDY GRAY SHALE				"	0.94		
					"	1.03		
240	SANDY GRAY SHALE	17.0	17.3		"	0.99		
					"	0.96		
250	SANDY GRAY SHALE				"	1.10		
					"	1.58		
260	"	12.0	18.0		"	2.03		✓
					"	2.01		
270					"	2.02		
					"	2.04		
280	"	12.0	19.5		"	2.04		✓
					"	2.01		
290					"	2.03		✓
		12.0	21.0		"	2.03		✓
					"	2.02		
300	"				"	2.02		✓
					"	1.73		
310	"	12.0	22.0		"	1.82		✓
					"	2.02		
330	"				"	1.79		✓
					"	1.67		
340	"				"	1.61		
					"	1.79		
350	"				"	1.54		
					"	1.74		
360					"			
	ANODES	WATER			COKE			
(1		12.0	2.9		12.0	3.7		
(2			2.9			3.7		
3			3.3			4.1		
4			3.3			4.1		
5			3.4			4.1		
6			3.4			4.1		
7			3.4			4.3		
8			3.4			4.3		
9			3.5			4.3		
10			3.5			4.3		
		TOTAL			11.5	12.7		

GROUNDED RESISTANCE: (1) VOLTS 11.5 + AMPS 12.7 = 0.90 OHMS

(2) VIBROGROUND _____ OHMS



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