

887 #74 30-039-20041

5

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

Operator MERIDIAN OIL Location: Unit SW Sec. 36 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #74

cps 1145w

Elevation 6750' Completion Date 11/11/77 Total Depth 400' 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. 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: 53 SACKS

Depths anodes placed: 340', 330', 320', 310', 300', 290', 245', 235', 225', 215'

Depths vent pipes placed: 360'

Vent pipe perforations: 220'

Remarks: gh #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

Drilling Log (Attach Hereto). ☐

Completion Date 11-11-72

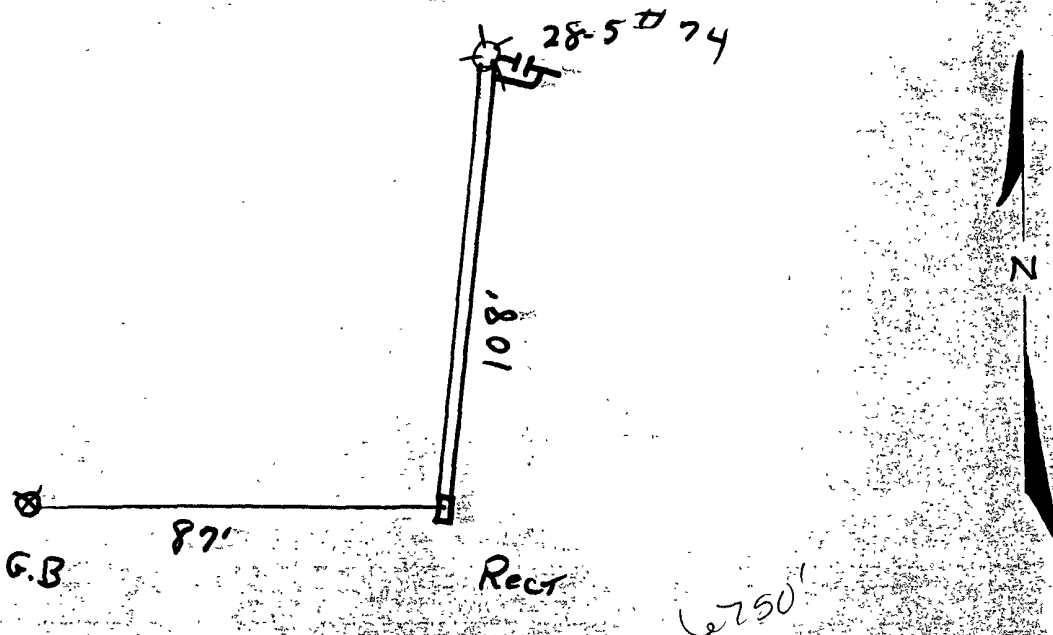
Well Name SAN JUAN 28-5th 74		Location SW 36-28-5		CPS No. 11454	
Type & Size Bit Used 6 3/4				Work Order No. 184-20605.19-50-20	
Anode Hole Depth 400' logged 360'	Total Drilling Rig Time	Total Lbs. Coke Used 53 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	340'	330'	320'	310'	300'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.7	5.8	4.2	4.0	4.8
Anode Depth	# 6	# 7	# 8	# 9	# 10
	290'	245'	235'	225'	215'
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	2.8	3.4	3.6	4.1	5.1
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.5		Amps 19.8		Ohms .58
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: DRILLER said hit water at 100' Next Day Blew water
Installed 360' of 1" VENT PIPE, Perforated 220' of VENT PIPE
SLURRIED 53 SACKS of COKE
40V 16A RECT.
20' METER Pole

All Construction Completed

William Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

SAN JUAN 28-5 II 74
SW 36- 28-5
CPS 1145 W

W/O 184-20605.19-50-20

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

STATIC 600' 5 = .65				DRILLER said h.T. WATER at 100'	
40V 16A Rect				NEXT DAY Blew some WATER	
20' METER Pole				Installed 360' of 1" VENT PIPE	
				PERFORATED 220' of VENT PIPE	
				SLURRIED 53 SACKS of COKE	
100		30	1.9 ⑧	50	2.2
			-1.8		1.9
10		40	1.6	60	1.9 360'
			1.4		T.D. 400'
20		50	1.4 ⑦	70	
			1.2		
30		60	.5	80	
			.5		
40		70	.5	90	
			.5		
50		80	.5	400	
			.9		
60		90	1.1		
			1.1 ⑥		
70			1.5		
		300	2.2 ⑤	① 340	2.7 3.7
80			2.2	② 330	3.1 5.8
		10	2.3 ④	③ 320	2.8 4.2
90	1.1		1.9	④ 310	2.6 4.0
	.8	20	2.1 ③	⑤ 300	3.1 4.8
200	.8		2.2	⑥ 290	1.9 2.8
	1.7 ⑩	30	2.0 ②	⑦ 245	1.6 3.4
10	2.0		2.4	⑧ 225	2.3 3.6
	1.9 ⑨	40	2.4 ①	⑨ 215	2.6 4.1
20	2.0		2.0	⑩ 205	2.0 5.1
11.5 VOLTS					
19.8 AMPS					
.58 ohms					

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE WELL NO. 1454 CONTRACTOR Longway Co. RIG NO. 11-9-1977 DATE 11-9-1977

MORNING										EVENING										
Driller					Total Men In Crew					Driller					Total Men In Crew					
FROM	TO	WT-BIT	R.P.M.	FORMATION	FROM	TO	WT-BIT	R.P.M.	FORMATION	FROM	TO	WT-BIT	R.P.M.	FORMATION	FROM	TO	WT-BIT	R.P.M.	FORMATION	
NO. DC					NO. DC					NO. DC					NO. DC					
SIZE					SIZE					SIZE					SIZE					
STANDS					STANDS					STANDS					STANDS					
SINGLES					SINGLES					SINGLES					SINGLES					
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					
MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					
Time					Time					Time					Time					
Vis.					Vis.					Vis.					Vis.					
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					
FROM					FROM					FROM					FROM					
TO					TO					TO					TO					
REMARKS -					REMARKS -					REMARKS -					REMARKS -					
0 - 2 Surface					130 - 160 Sandy Shale					280 - 300 Shale										
2 - 20 - Sandy Clay					160 - 200 Shale					300 - 310 Sandy Shale										
20 - 40 - Sandy Shale					200 - 220 Sandy Shale					310 - 320 Shale										
40 - 100 Shale					220 - 240 Shale					320 - 340 Sandy Shale										
100 - 110 Sand w.t. m					240 - 250 Sandy Shale					340 - 360 Shale										
110 - 120 Sandy Shale					250 - 270 Shale					360 - 380 Sandy Shale										
120 - 130 Sand shale					270 - 280 Sandy Shale					380 - 400 Shale										

Drilled 800
Logged 360
T.B. 380

SIGNED: Toolpusher

Company Supervisor