

78-30-039-07522
104-30-039-20609

4559

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. 30 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #78, #104

cps 117w

Elevation 6778 Completion Date 8/13/73 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. 300'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIST.

Type & amount of coke breeze used: 6400 lbs.

Depths anodes placed: 430', 420', 330', 290', 280', 270', 260', 250', 240', 130'

Depths vent pipes placed: N/A

Vent pipe perforations: 350'

Remarks: GB #3 POSSIBLE BRIDGE TOP 100'

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

Log 1940

Drilling Log (Attach Hereto). ☐

Completion Date **8-13-73**

Well Name S.J. 29-7 #78				Location SW 30-29-7				CPS No. 117W			
Type & Size Bit Used								Work Order No. 20025			
Anode Hole Depth 480		Total Drilling Rig Time		Total Lbs. Coke Used 6.400		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	430	420	330	290	280	270	260	250	240	13	
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	2.7	2.1	2.7	3.3	3.7	3.7	4.1	4.0	3.1	2.	
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 12.0		Amps 12.0		Ohms 1.0		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		

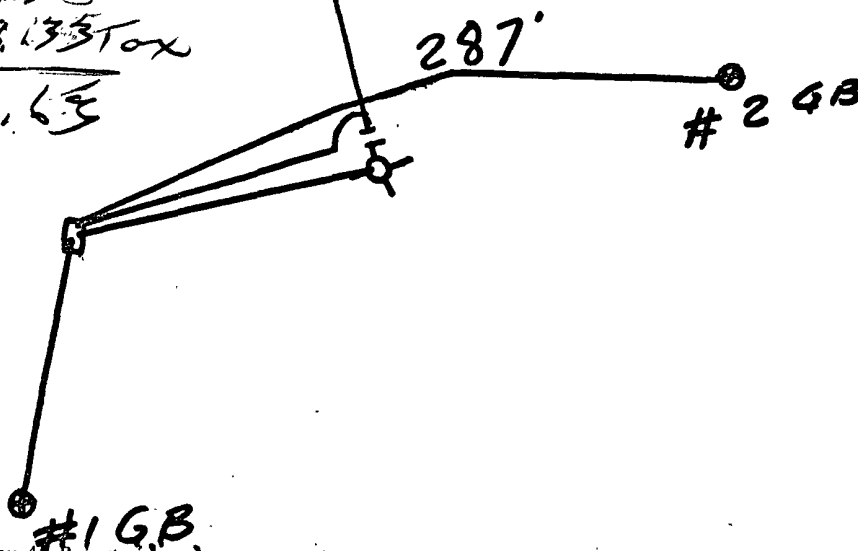
Remarks: **Driller said Blew wtr out at 90'. Big water at 300'**
Water level at 290, Log, Fill to 100 & Re-log. Could hear wtr
Falling in Hole. Vent Perforated 350'
Pump 54 Slurry 10 Total 64 Bags of Coke.
Possible Bridge, Top 100'

2230 00
486.40 coke
67.50 credit
59.40 cable

2208.30
108.135 Tax
2816.63

S.J. 29-7 #104
300' To Rect.
All Construction Completed
Amels
 (Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

LEASE		WELL NO.		CONTRACTOR		RIG NO.		REPORT NO.		DATE		1973				
MORNING				DAYLIGHT				EVENING								
Total Men In Crew				Total Men In Crew				Total Men In Crew								
FROM	TO	FORMATION	WT-BIT	R.P.M.	DRILLER	FROM	TO	FORMATION	WT-BIT	R.P.M.	DRILLER	FROM	TO	FORMATION	WT-BIT	R.P.M.
0	90	dry sand			120	140	5 hole				120	140	5 hole			
90	90	with sand (water)			140	180	5 hole				140	180	5 hole			
90	110	5 hole			180	200	5 hole				180	200	5 hole			
110	120	5 hole			200	260	5 hole				200	260	5 hole			
NO. DC				NO. DC				NO. DC				NO. DC				
SIZE				SIZE				SIZE				SIZE				
LENG.				LENG.				LENG.				LENG.				
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				
Wt.				Wt.				Wt.				Wt.				
Vis.				Vis.				Vis.				Vis.				
FROM				FROM				FROM				FROM				
TO				TO				TO				TO				
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				
REMARKS				REMARKS				REMARKS				REMARKS				

SIGNED. Toolpusher.

Company Supervisor

117W

MW	gal/mol
18	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.71
100	IC ₆ 15.50
114	C ₇ 17.2
128	C ₈ 19.38
142	C ₉ 21.56
156	C ₁₀ 23.74

MW	MSC	gal/mol
44	C ₂	6.38
58	IC ₄	5.79
72	NC ₄	4.16
86	IC ₅	3.38

90		70	1.6	50	6.8	Driller said Blow w/ root at 90- Big wtr at 300 wtr stands at 290- Could See with Mirror wtr coming in at Est. 90' log 290 to 410- F.N. w/ H water to 1000 Relog.
			1.7		7.8	
100	2.0	80	1.7	60	6.7	
	1.0		1.7	69 TO	7.7	
10	5	90	1.2 1.7	70	1.1	
	5		1.0 1.4			
20	.6	300	.8 1.3	80		
	1.1		6.9			
30	1.7	10	5.9			
	1.5		4.8			
40	.6	20	4.9			
	.6		8.1.2			
50	.6	30	1.1 1.5			
	.6		1.0 1.4			
60	.7	40	8.1.2			
	.6		7.1.0			
70	.6	50	6.1.0			
	.6		9.1.3			
80	.8	60	7.1.1			
	.8		6.1.0			
90	7	70	5.1.0			
	9		6.1.0			
200	6	80	6.1.0			
	5		6.9			
10	.6	90	6.9			
	.7		6.9			
20	.8	400	6.9			
	.8		5.9			
30	1.0	10	7.1.0			
	1.6		6.1.0			
40	1.6	20	1.0 1.4			
	2.1		1.3 1.8			
50	2.2	30	1.1 1.5			
	2.1		9.1.3			
60	1.9	40	7.1.0			
	1.5		6.9			

vent. Perf. 350
Pump 54- Slurry 10- = 6
Pump covered all anodes-
Believe Bridge between 0-100

1	430	1.5	1.7	27
2	420	1.4	1.3	2.1
3	330	1.3	1.2	27
4	290	1.7	1.3	33
5	280	1.7	1.5	3.7
6	270	1.6	1.6	37
7	260	1.9	1.8	41
8	250	2.2	2.1	4.0
9	240	1.6	1.6	27
10	130	1.7	1.7	2.4

$$12.0V \cdot 12.0A = 1.0R$$