

#84 30-039-07706
#580 30-039-24860

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. 1 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #84, #580

cps 143w

Elevation 6827' Completion Date 8/31/72 Total Depth 300' 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. 70'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 4750 lbs.

Depths anodes placed: 285', 270', 210', 200', 190', 170', 160', 125', 95', 85'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

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
GNOBED N12
G.C.S.

Log
Completion Date 8-31-72

Drilling Log (Attach Hereto). ☐

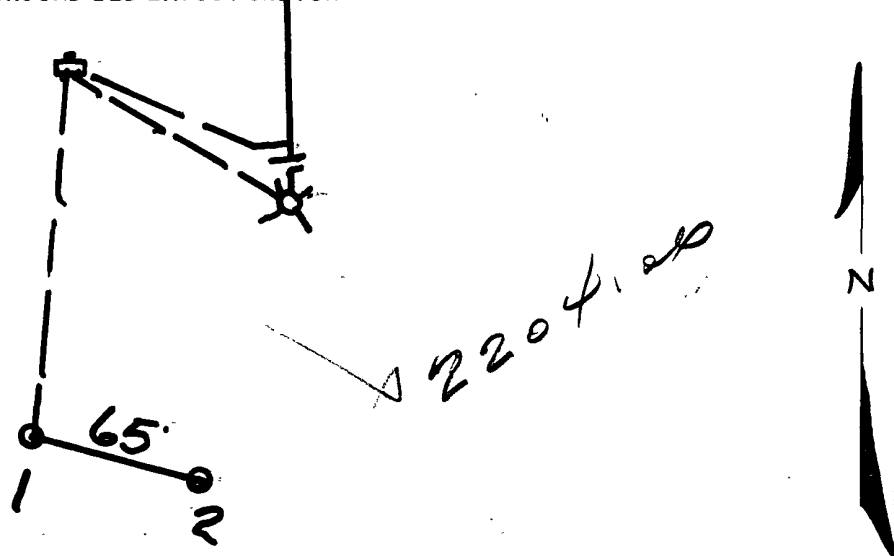
Well Name SJ. 29.7 #84		Location NE1-29-7		CPS No. 143	
Type & Size Bit Used 6 3/4		Work Order No. 184-52364-50-20			
Anode Hole Depth 300	Total Drilling Rig Time	Total Lbs. Coke Used Est 4750	Lost Circulation Mat'l Used		No. Sacks Mud Used
Anode Depth					
# 1 285	# 2 270	# 3 210	# 4 200	# 5 190	# 6 170
# 7 160	# 8 125	# 9 95	# 10 85		
Anode Output (Amps)					
# 1 2.0	# 2 3.0	# 3 3.4	# 4 4.5	# 5 3.4	# 6 5.2
# 7 6.0	# 8 3.4	# 9 4.4	# 10 4.5		
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 11.2	Amps 14.5	Ohms 0.77			

Remarks: **Driller said water at 70'**
Vent Perforated 200'
Pump 330 shovels - (Hole Full)

All Construction Completed

Donels
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

E.O.S # 143- ✓

LEASE 5.2.29-7 WELL NO. 94 CONTRACTOR *hmc* RIG NO. REPORT NO. DATE 5-31 1972

MORNING					DAYLIGHT					EVENING																																		
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	70	By Seal			130	170	Shd																																					
70	90	Wet Seal Water			170	190	Shd																																					
80	100	Shade			190	240	Shd																																					
100	130	Seal			240	300	Seal																																					
BIT NO.					NO. DC					SIZE					LENG.																													
SER. NO.					STANDS					SERIAL NO.					NO. DC					SIZE					LENG.																			
SIZE					SINGLES					SIZE					SINGLES					DOWN ON KELLY																								
TYPE					DOWN ON KELLY					TYPE					DOWN ON KELLY					TYPE					DOWN ON KELLY																			
MAKE					TOTAL DEPTH					MAKE					TOTAL DEPTH					MAKE					TOTAL DEPTH																			
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.				
FROM					TO					FROM					TO					FROM					TO					FROM					TO									
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN																			
REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -					REMARKS -																			

SIGNED: Toolpusher

W. Allen

Company Supervisor

14360 8-31-72 X = 625

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	HC ₄ 12.38
72	NC ₄ 11.93
86	HC ₅ 13.85
100	NC ₅ 13.71
114	C ₆ 15.57
128	HC ₆ 17.2
142	C ₇ 17.46
156	C ₈ 19.38
170	C ₉ 19.64
184	C ₁₀ 21.67

MW	gas/mol
44	CO ₂ 8.17
44	H ₂ O 9.11
28	N ₂ 4.16
2	H ₂ 3.38

80	1.2	60	6	Driller Said Wt at 70	
	1.8		1.0		
90	1.8	70	2.2	Vent. Perf. 200'	
	1.5		1.6	Pump 330 shovels - (Full)	
100	1.2	80	1.0		
	1.1		2.0		
10	1.1	90	2.2		
	1.0				
20	1.0	300			
	1.4				
30	1.1				
	1.1				
40	1.2				
	2.0				
50	2.2				
	2.2				
60	2.1				
	1.6				
70	1.5				
	1.2				
80	1.0				
	1.0				
90	1.4				
	1.6				
200	2.1				
	2.1				
10	1.7				
	1.4				
20	.9				
	.5				
30	.5				
	.5				
40	.8				
	.7				
50	.7				
	.6				

Log WTR Coke

1	285	2.0	1.2	2.0
2	270	2.2	1.7	3.0
3	210	1.7	1.7	3.4
4	200	2.1	1.5	4.5
5	190	1.4	1.4	3.4
6	170	1.5	1.5	5.2
7	160	2.1	2.0	6.0
8	125	1.4	1.4	3.4
9	95	1.5	1.5	4.4
10	85	1.8	1.8	4.5

.77

$$145 \frac{11.20 \times 14.5A}{1015} = 0.77 \text{ SL}$$