

77 - 30-039-07505
77E - 30-039-23625

4555

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. 33 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #77, #77E
cps 109w

Elevation 6489' Completion Date 9/24/71 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. 360'

Depths gas encountered: N/A

Type & amount of coke breeze used: 100 BAGS

Depths anodes placed: 640', 631', 622', 613', 558', 550', 437', 429', 420', 412'

Depths vent pipes placed: N/A

Vent pipe perforations: 333'

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.

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

GND BED No. 3
Constructed by C.P.S.

Completion Date 9-24-71

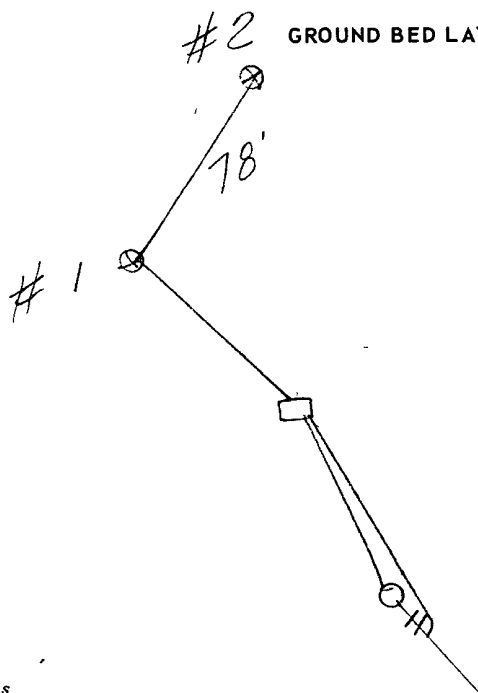
Well Name SJ 29-7 #77		Location NE 33-29-7		CPS No. 109W	
Type & Size Bit Used 6 3/4				Work Order No. 184-52366-50-20	
Anode Hole Depth 700	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 640	# 2 631	# 3 622	# 4 613	# 5 558	# 6 550
# 7 437	# 8 429	# 9 420	# 10 412		
Anode Output (Amps)					
# 1 2.6	# 2 3.5	# 3 3.8	# 4 3.5	# 5 3.0	# 6 3.0
# 7 3.8	# 8 4.1	# 9 3.5	# 10 3.2		
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		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12.2	Amps 12.2	Ohms 1.0			

Remarks: Driller said water at 360' - Vent hose Perforated 333
Pump 374 shovels = Est. 53 Bags - out of water at 7:45 PM
9-25-71 - Pump 365 Bags = Est 47 Bags - Coke 10' of surface

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



EP.S # 109w

LEASE # 55079514 WELL NO. 77

CONTRACTOR Joe Moran

RIGNO.

REPORT NO.

DATE 9-23 1971

MORNING

DAYLIGHT

EVENING

[illegible]

SIGNED: Toolpusher

Company Supervisor

X=4.0

109W - Wet @ 360' - 9-24-71 Vent Perf. 333'

MW	gas/mol
16	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 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.27
142	IC ₇ 17.2
156	NC ₇ 17.46
170	IC ₈ 19.18
184	NC ₈ 19.44
198	IC ₉ 21.17

MW	MISC	gas/mol
44	CO ₂	5.38
34	H ₂ S	4.17
28	N ₂	4.16
2	H ₂	3.38

375	80	555	1.47				
80	66	560	1.14				
85	74		1.02				
90	82	70	94	1	640	1.32	2.6
95	88		92	2	631	1.70	3.5
400	90	80	98	3	622	2.0	3.8
	86		98	4	613	2.0	3.5
10	88	90	98	5	558	1.50	3.0
	1.00		94	6	550	1.55	3.0
20	1.82	600	92	7	437	1.56	3.8
	1.55		1.02	8	429	1.85	4.1
30	1.52	10	1.10	9	420	1.56	3.5
	1.68		1.68	10	412	1.42	3.2
40	1.00	20	1.55				
	90		2.0				
50	90	30	1.77				
	84		1.50				
60	75	40	1.27		12.2V 12.2A		
	73		1.15				
70	75	50	95				
	77		92				
80	78	60	90				
	72		87				
90	70	70	94				
	82		98				
500	80	80	92				
	80		85				
10	85	90	96				
	85		94				
20	83	700					
	80						
30	75						
	80						
40	84						
	1.05						
50	1.55						

Pump 374 shovels =
53 Bags -

Out of water - 7.45 PM

9-25-71

Pump 365 shovels =

47 Bags -

Total 100 Bags