

4R = 30-039-20511
57 = 30-039-07393

4/9/6

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. 19 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #4R, #57

cps 725w

Elevation 6583' Completion Date 9/7/73 Total Depth 460' 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. 120' WATER LEVEL at 210' IMMEDIATELY
AFTER PULLING DRILL PIPE.

Depths gas encountered: HOLE MAKING SMALL AMOUNT OF GAS/STOPPED AFTER COKING

Type & amount of coke breeze used: 8000 lbs.

Depths anodes placed: 405', 350', 340', 295', 285', 275', 265', 255', 245', 235', 225'

Depths vent pipes placed: N/A

Vent pipe perforations: 297'

Remarks: qb #2

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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

Completion Date **9-7-73**
725 W

Drilling Log (Attach Hereto) ☐

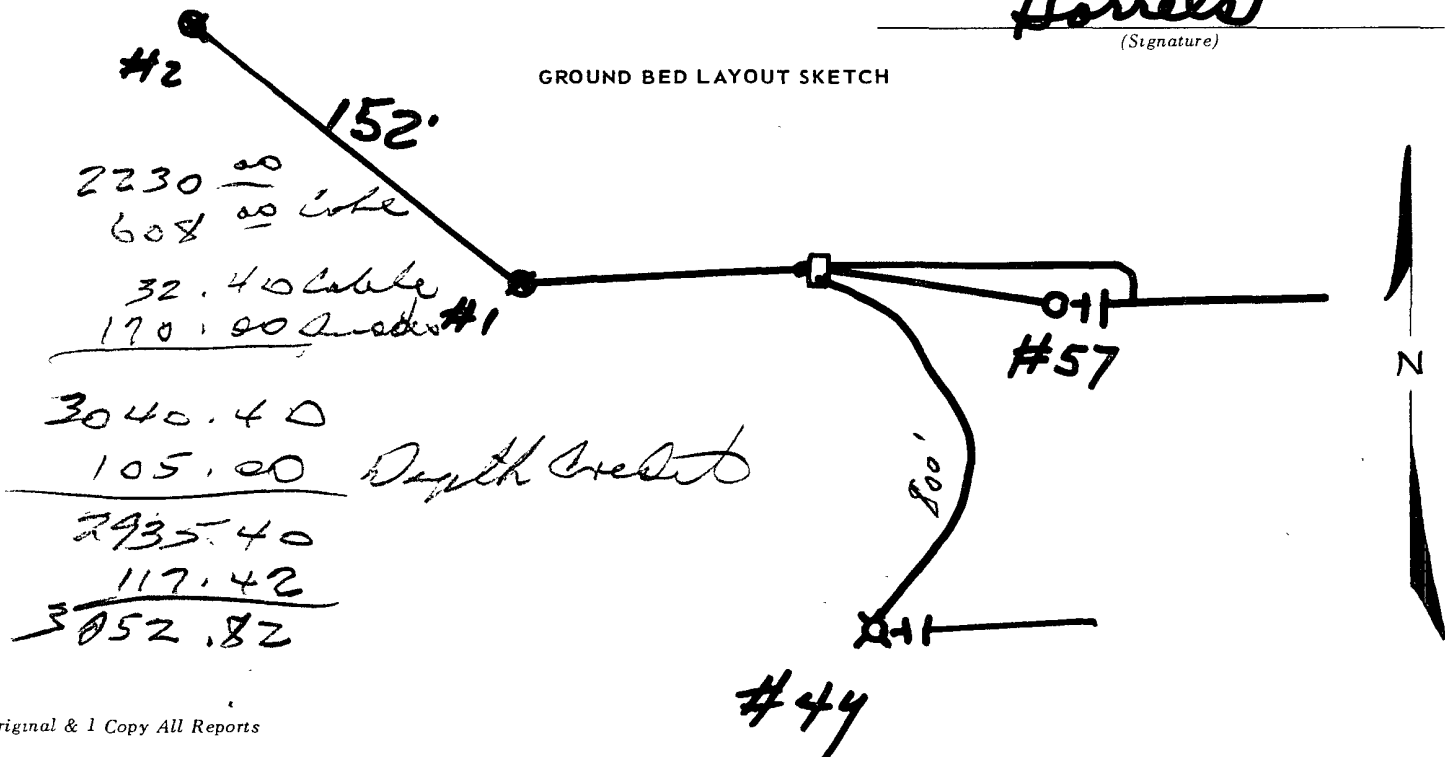
Well Name 5J. 28-5 #44 & #57		Location NE 19-28-5		CPS No. 54984 & 5428	
Type & Size Bit Used 6 3/4				Work Order No.	
Anode Hole Depth 460	Total Drilling Rig Time	Total Lbs. Coke Used 8,000	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 405	# 2 350	# 3 340	# 4 295	# 5 285	# 6 275
# 7 265	# 8 255	# 9 245	# 10 235		
Anode Output (Amps)					
# 1 2.2	# 2 1.9	# 3 1.8	# 4 2.6	# 5 2.4	# 6 3.1
# 7 3.0	# 8 2.6	# 9 2.9	# 10 3.2		
Anode Depth					
# 11 225	# 12 215	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11 2.9	# 12 3.6	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance					
Volts 12.4	Amps 10.5	Ohms 1.18			
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: **Blew water out at 120' - Water level at 210' immediately after Pulling Drill Pipe - (9" Pipe 6 3/4" Hole making small amount of Gas Gas Stopped after Pumping 65 Bags of Coke left Top Vent open ~~on~~ - 9-11-73. No Gas left Coke Down approx 15' 9-11-73 Slurry 15 Bags Coke**

All Construction Completed

Donela
(Signature)

GROUND BED LAYOUT SKETCH



7254

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 15.57
142	IC ₇ 17.2
156	NC ₇ 17.46
170	IC ₈ 19.38
184	NC ₈ 19.64
200	IC ₉ 21.97

120		300	5	6	Blew water out at 120
			4	6	Wtr. level at 310
30		10	5	6	immediately after pulling
			5	5	Pipe - 4" pipe, 6 3/4" hole
40	8	20	5	5	Hole no gas: Small amount of G
	7		5	6	
50	6	30	7	7	<u>waive Guarantee</u>
	6		9	9	
60	7	40	10	10	Vent Perf 297
	15		10		Pump 65- Left Cate
70	19	50	10		Down approx 15'
	18		9		7-11-73 - No Gas
80	14	60	8		Added 15 Sucks Cate
	9		7		Log ok
90	7	70	6		1 405 1.2 1.2 22
	6		6		2 350 1.0 1.5 19
200	7	80	6		3 370 1.0 1.4 18
	9		7		4 395 1.1 1.7 2.6
10	7.7	90	8		5 385 1.0 1.3 24
	12-21		7		6 275 1.2 1.4 3.1
20	12-23	100	7		7 235 1.1 1.4 30
	11-15		12		8 255 1.0 1.2 26
30	9 13	110	10		9 245 1.2 1.4 29
	12 20		7		10 235 1.2 1.6 32
40	13 21	120	8		11 225 1.1 1.4 29
	12 17		6		12 215 1.2 1.5 3.6
50	10 15	130	7		
	10 15		7		12.4 V 10.5 A = 1.18 n
60	12 18	140	7		
	11 17	150	8		
70	12 19				
	12 17				
80	11 17	160			
	10 15				
90	10 15				
	11 13				

Note - 1st Column - Natural wtr.

2nd Column - water from well

MW	MISC	gas/mol
44	CO ₂	5.17
28	N ₂	4.10
2	H ₂	7.39

105 12.4
12.4
12.4
12.4

C.P.S. 725-W

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

SIGNED: Toolpusher B-A

____ Company Supervisor _____