

4943

30-045-26936

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SE Sec. 3 Twp 30 Rng 9Name of Well/Wells or Pipeline Serviced RIDDLE E COM #250

cps 42w

Elevation 6180' Completion Date 6/24/74 Total Depth 280' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/AOIL CON. DIV
DIST. 3Type & amount of coke breeze used: N/ADepths anodes placed: 255', 245', 235', 190', 180', 140', 130', 120', 110', 100', 90'Depths vent pipes placed: N/AVent pipe perforations: 235'Remarks: qb #2 FIRST HOLE DRILLED 300', WATER AT 40'. HOLE MAKING WATER AND GAS.HOLE CAVED. MOVED APPROX. 30'. NO EVIDENCE OF GAS IN SECOND HOLE.

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 **6-24-74**

Well Name Riddle "E" #1		Location SE 4-30-9				CPS No. 42 W													
Type & Size Bit Used 6³/₄						Work Order No. 52204													
Anode Hole Depth 280		Total Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used											
Anode Depth																			
# 1	255	# 2	245	# 3	235	# 4	190	# 5	180	# 6	140	# 7	130	# 8	120	# 9	110	# 10	100
Anode Output (Amps)																			
# 1	6.0	# 2	4.6	# 3	4.2	# 4	4.0	# 5	4.2	# 6	2.8	# 7	5.5	# 8	6.0	# 9	6.0	# 10	6.0
Anode Depth																			
# 11	90	# 12	80	# 13		# 14		# 15		# 16		# 17		# 18		# 19		# 20	
Anode Output (Amps)																			
# 11	4.8	# 12	4.0	# 13		# 14		# 15		# 16		# 17		# 18		# 19		# 20	
Total Circuit Resistance										No. 8 C.P. Cable Used						No. 2 C.P. Cable Used			
Volts 11.0		Amps 20.0		Ohms 0.55						110									

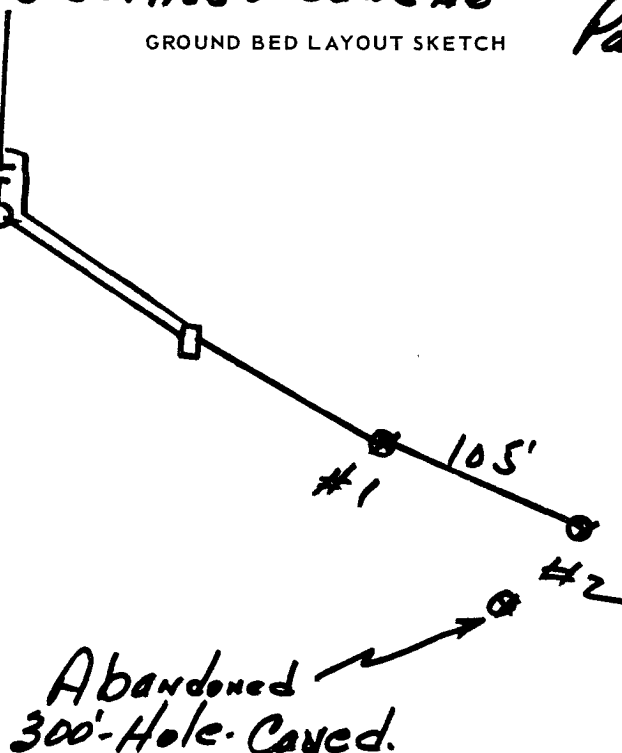
Remarks: **Drilled to 300' with air, Driller said water at 40'. Hole Making Gas & Water. Hole Caved - Moved approx 30' & Drilled with Mud to 280 - No Evidence of Gas in Second Hole -**

Vent Perforated 235' - Pump coke to Surface. Note - out of water after #5 Anode responded to Coke. Down one hour waiting for water - No. 6 Anode Did Not Respond in proportion to rest of Anodes. Believe Mud or Sand Settled around #6.

All Construction Completed

GROUND BED LAYOUT SKETCH

Signature **Paula - Sanchez**



STORM WATER WELL DRILLING INC.

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Helper _____

X = 22.1 42W - 6-25-14

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	IC ₅ 13.85
86	IC ₆ 15.50
100	IC ₇ 17.2
114	IC ₈ 19.38
128	IC ₉ 21.64
142	IC ₁₀ 24.07

MW	MSC	gas/mol
44	CO ₂	6.18
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

40	7	220	1.0	1.8	Drilled to 300 - with air Driller said wtr at 40'
	8		4	2.5	
50	1.0	30	1.2	1.8	Hole making Gas & wtr.
	1.2		2.7	2.6	Hole Caved - Logged 70'
60	1.9	40	2.6	2.6	Moved about 30'
	1.8		2.6	2.6	Drilled New Hole with
70	1.8	50	3.1	3.2	Mud -
	1.8		3.2	3.2	
80	2.3	60		3.2	Vent Perf. 235
	2.5	T.D. 61		3.0	
90	2.8	70		2.9	
	3.0			2.7	
100	3.2	80			
	3.3	T.D. 81			
110	3.2				
	2.9				
120	3.2				
	3.1				
130	3.2				
	2.4				
140	2.1				
	1.7				
150	1.0				
	1.0				
160	.9				
	.7				
170	.6				
	2.1				
180	2.3				
	2.5				
190	2.2				
	1.8				
200	1.5				
	1.2				
110	1.2				
	1.6				

11.0 V 20 A 0.55 ~