

API- 30-045-09744

4625

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit A Sec. 10 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE #3

cps 47w

Elevation 6023' Completion Date 10/1/87 Total Depth 450' 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. 140' MUDDY

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 405', 385', 355', 335', 285', 275', 265', 235', 225'

Depths vent pipes placed: 430' OF 1" VENT PIPE

Vent pipe perforations: BOTTOM 290'

Remarks: qb #3

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 10-1-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
47-w	RIDDLE #3		Re-drill	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
A10-30-9	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used
450'	426'			
Anode Depth				
#1 405'	#2 385'	#3 355'	#4 345'	#5 335'
#6 285'	#7 275'	#8 265'	#9 235'	#10 225'
Anode Output (Amps)				
#1 3.7	#2 3.7	#3 4.3	#4 6.0	#5 5.1
#6 3.6	#7 5.4	#8 5.1	#9 4.9	#10 4.4
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 12.1	Amps 17.1	Ohms .71		

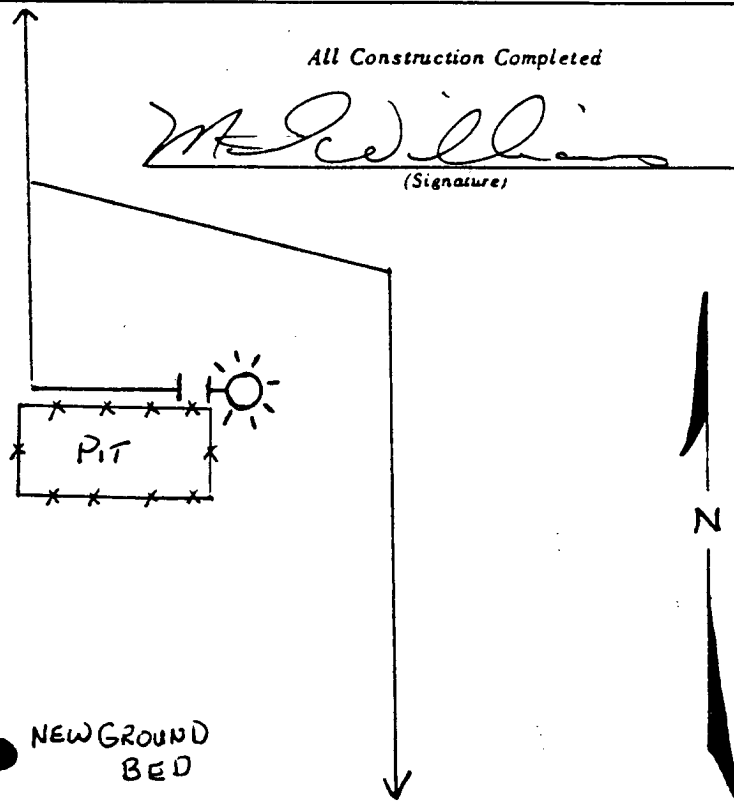
Remarks: DRILLED 450', LOGGED 426'. DRILLER SAID WATER AT 140' TO MUDDY FOR SAMPLE. INSTALLED 430' of 1" PVC VENT PIPE. PERFORATED BOTTOM 290'

Rectifier Size: — V — A
 Addn'l Depth: —
 Depth Credit: 74' ✓
 Extra Cable: 10' ✓
 Ditch & 1 Cable: 140' ✓
 Ditch & 2 Cable: —
 25' Meter Pole: —
 20' Meter Pole: —
 10' Stub Pole: —
 Junction Box: 1

4300.
 -296. ✓
 2.50 ✓
 54.60 ✓
 40.
 4101.10
 205.06
 4306.16

OLD
G.B.

47-w



All Construction Completed

M. J. Williams
 (Signature)

47 u

COMPANY MERIDIAN OIL DAILY DRILLING REPORT 10-1, 1987

WATER AT:	FEET:	HOLE MADE:
		450' TD 426'

[illegible]

REMARKS: _____

Grad House

Driller

Tool Dresser

138'

47W

$\gamma = 12.1$

MW	gas/mol
16	C ₂ 6.4
30	C ₃ 9.54
44	C ₄ 10.42
58	C ₅ 12.38
72	C ₆ 11.93
86	C ₇ 13.71
100	C ₈ 15.50
114	C ₉ 17.2
128	C ₁₀ 19.38
142	C ₁₁ 21.64
156	C ₁₂ 24.07

MW	gas/mol
44	CO ₂ 6.38
16	H ₂ 5.17
28	N ₂ 4.16
2	H ₂ 3.38

40		10	1.1		Driller said water @ 40
			1.5		Switch to wind and drill
50		30	1.7		Water standing @ 70'
			2.3		Next morning
60		40	2.7		Vent hose perf. 248'
			2.4		
⑩ 70	2.4	50	1.4		
	2.7		1.7		
⑧ 80	2.8	60	1.1		
	2.2		1.4		
⑨ 90	2.2	70	1.7		
	2.0		2.8		
⑦ 100	2.1	80	2.9		
	2.0		2.5		
⑥ 10	2.0	90	2.1		
	1.4		2.0		
20	1.1	30	2.7	1. 285	Water 4.2
	1.0			2 275	4.7
30	1.7			3 245	4.0
	1.0			4 235	4.4
40	1.2			5 150	4.0
	1.0			6 110	3.0
50	1.9			7 100	3.7
	1.8			8 90	4.5
③ 60	2.1			9 80	5.5
	2.1			10 70	4.8
70	1.7				
	1.7				
80	1.6				
	1.4				
90	1.2				
	1.0				
100	1.0				
	1.1				
110	1.1				
	1.0				

11.5 V 16 H 0.72 -