

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS IN
NORTHWEST NEW MEXICO

OPERATOR: Williams Production Company LOCATION: C 28 32 11 LEASE NUMBER: SF-078231

NAME OF WELL/WELLS OR PIPELINE SERVICED: COX CANYON UNIT #019 PC
DUALWELL N/A

30-045-22584

ELEVATION: 6372' GR COMPLETION DATE: 09/11/92 TOTAL DEPTH: 500 ft. LAND TYPE: FED

CASING: 7-5/8" 26.4# K-55 Set @ N/A ft. Casing is not cemented.

CEMENT PLUG--Top:N/A' Bottom: N/A' Used 0 sx. Class "B" (1.18 cu.ft./sk).

WATER DEPTH: 150' Water zone thickness not available. WATER DESCRIPTION: Fresh

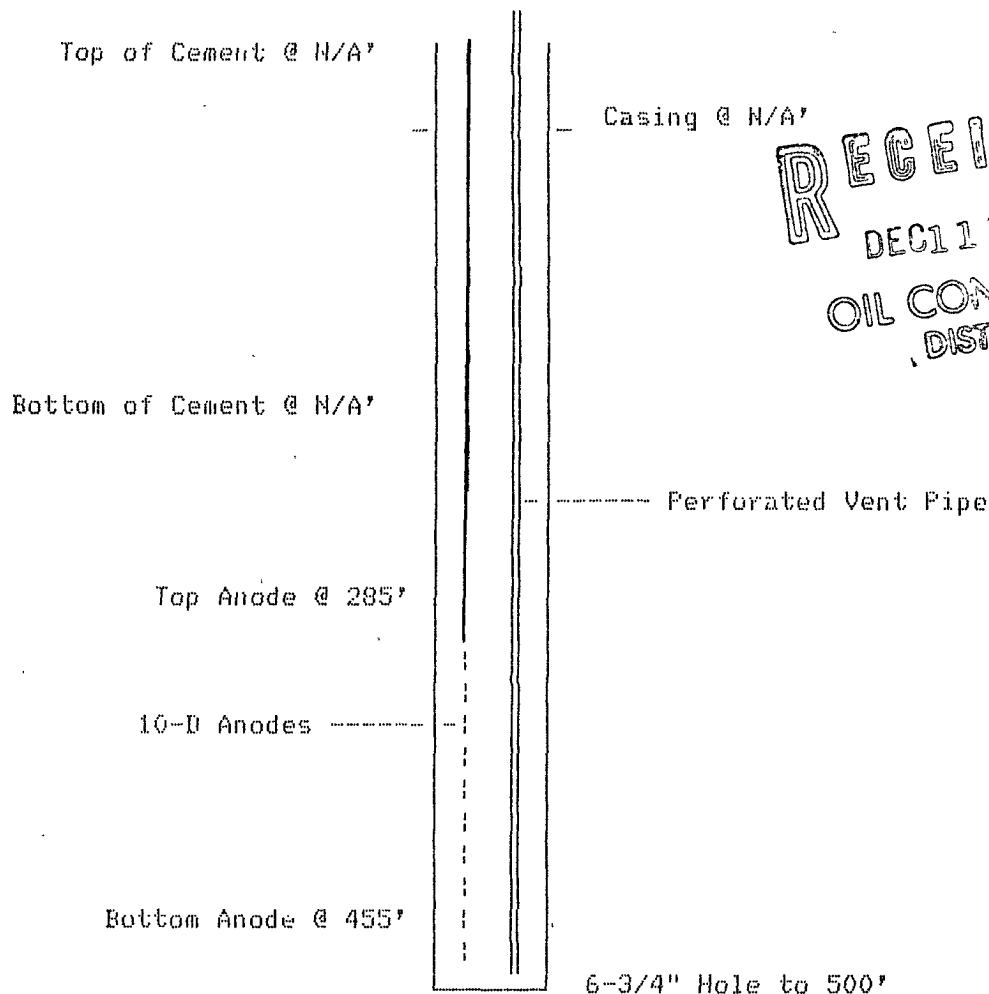
DEPTH OF GAS: N/A'

COKE: 7155 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 285 ft. BOTTOM ANODE @ 455 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 265 ft. to 500 ft.

REMARKS: _____



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DEC 11 1991
OIL CON. D^{PS}
DIST. 3

WELL TYPE GROUND BED DATA

DATA SHEET NO. 142

COMPANY NORTHWEST PIPELINE CORP JOB No. 8208 DATE: Sept 11, 82
 WELL: COX CANYON COM #19 PIPELINE:
 LOCATION: SEC. 28 TWP. 32N RGE. 11W CO. SAN JUAN STATE N.M.
 ELEV. _____ FT: ROTARY 500 FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUND BED: DEPTH 500 FT. DIA. 6 3/4 IN. GAB 4000 LBS. ANODES 10 Dupichlor D^s

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	DEPTH TOP OF ANODES	
		E	I	R			NO.	FT.
150	<u>Water at 150'</u>		4.0					
55			3.2					
60			3.2					
65			3.8					
70			3.3					
75			3.8					
80			3.9					
85			3.2					
90			2.8					
95			2.4					
200			2.4					
5			3.3					
10			3.8					
15			4.1					
20			4.5					
25			3.8					
30			3.3					
35			3.1					
40			2.5					
45			1.7					
50			1.7					
55			1.6					
60			2.0					
65			2.6					
70			2.4					
75			3.5					
80			4.3					
85			4.1		4.1	6.5	10	285
90			4.0					
95			4.0					
300			3.0		3.0	5.7	9	300
5			3.7					
10			2.2					
15			3.4					
20			2.2		3.2	4.6	8	320
25			3.0					
30			3.1					
35			3.6		3.6	4.2	7	335
40			3.0					
45			2.8					
50			2.1					
55			1.6					
60			1.7					

GROUND BED RESISTANCE: (1) VOLTS 12.6 + AMPS 43.9 - .29 OHMS

(2) VIBROGROUND _____ OHMS

WELL TYPE GROUND BED DATA

DATA SHEET NO. 2 of 2COMPANY NORTHWEST PIPELINE CORP JOB No. 8208 DATE Sept 11, 82WELL: BOX CANYON COM. #19 PIPELINE:LOCATION: SEC. 28 TWP. 32N RGE. 11W CO. SAN JUAN STATE N. M.ELEV. _____ FT: ROTARY 500 FT: CABLE TOOL _____ FT: CASING _____ FT.GROUNDBED: DEPTH 500 FT. DIA. 6 3/4 IN. GAB 4,000 LBS. ANODES 10 D/IRICHLOP "D"

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	DEPTH TOP OF ANODES	
		E	I	R	R	R	NO.	FT.
65			1.8					
70			1.6					
75			1.4					
80			1.5					
85			1.5					
90			2.4					
95			2.9		2.9	5.7	6	395
400			2.8					
5			2.7		2.7	3.3	5	405
10			3.0		3.0	4.6	4	415
15			3.0					
20			3.0					
25			3.2		3.2	4.2	3	425
30			3.1					
35			2.0					
40			3.0		3.0	4.3	2	440
45			2.8					
50			2.1					
55			2.0		2.0	2.1	1	455
60			1.9					
65			1.7					
70			1.0					
75			1.0					
80			.9					
85			.8					
90			.9					
95			1.0					
500			1.0					

GROUNDBED RESISTANCE: (1) VOLTS 12.6 + AMPS 43.9 - .29 OHMS

(2) VIBROGROUND _____ OHMS