

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

OPERATOR: Williams Production Company LOCATION: A 17 32 11 LEASE NUMBER: NM-03190

NAME OF WELL/WELLS OR PIPELINE SERVICED: COX CANYON UNIT #022 PC 30-045-22539
DUALWELL COX CANYON #203 30-045-27872

ELEVATION: 6705' GR COMPLETION DATE: 05/17/79 TOTAL DEPTH: 400 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: 100' Water zone thickness not available. WATER DESCRIPTION: Fresh

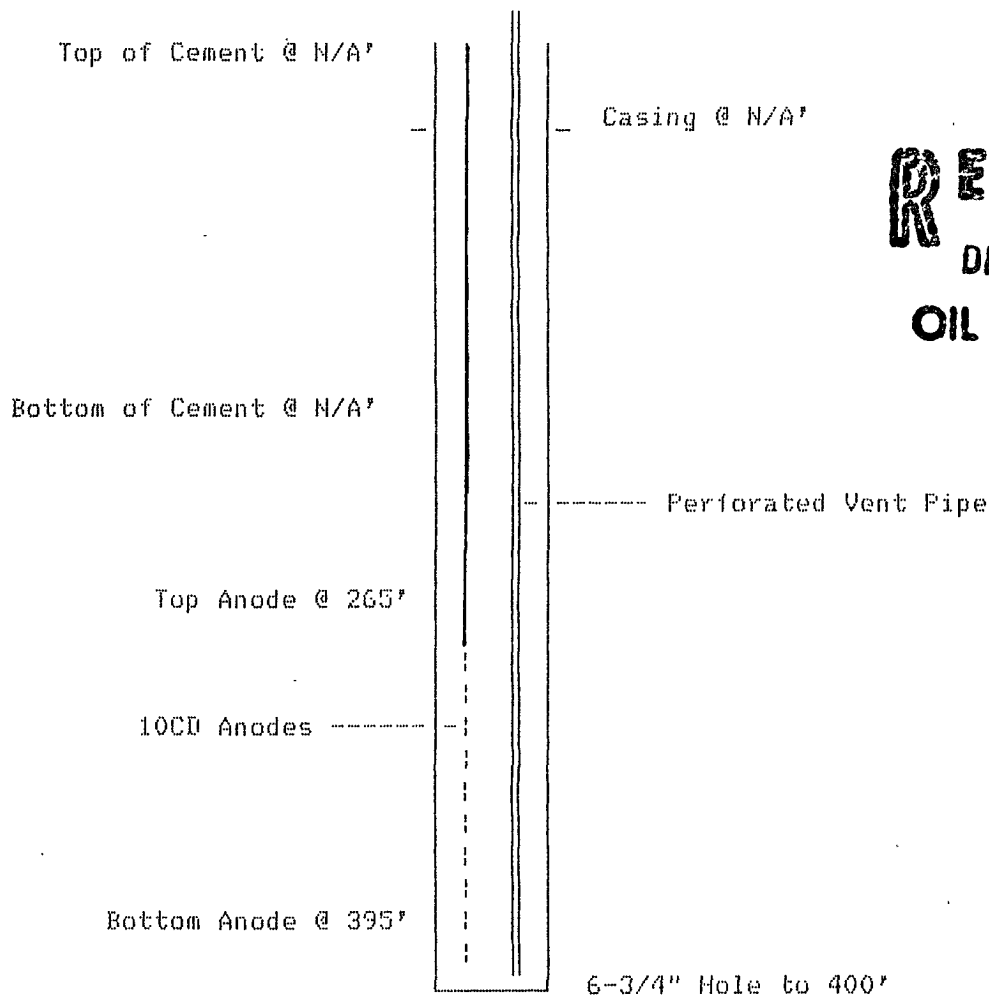
DEPTH OF GAS: N/A '

COKE: 4995 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10CD TOP ANODE @ 265 ft. BOTTOM ANODE @ 395 ft.

VENT PIPE: 1" PVC Set @ 400 ft. Vent pipe perforated from 245 ft. to 400 ft.

REMARKS: _____



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DEC 11 1991
OIL CON. DIV.
DIST. 3

WELL TYPE GROUND BED DATA

DATA SHEET NO. 1042

COMPANY Northwest Pipeline CO JOB No. 9250 DATE: 5-17-79
 WELL: COX CANYON 32-11 Unit #22 PIPELINE:
 LOCATION: SEC. 17 TWP. 32 RGE. 11 CO. SAN JUAN STATE NEW MEXICO
 ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUND BED: DEPTH 400 FT. DIA. 6 3/4 IN. GAB 5600 LBS. ANODES 10-D51

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
100	Water						14.0	
5							24.0	
10							19.0	
15							21.0	
20							23.0	
5							25.0	
30	10. 3.5						26.0	
5	9. 3.7						42.0	
40	8. 2.7						34.0	
5	7. 2.5						19.0	
50	6. 3.9						23.0	
5	5. 3.7						36.0	
60	4. 3.6						31.0	
5	3. 3.6						20.0	
70	2. 2.9						25.0	
5	1. 2.3						12.0	
80							12.0	
5							18.0	
90							32.0	
5	10. 2.65						51.0	
200	9. 3.05						40.0	
5	8. 3.15						34.0	
10	7. 3.25						34.0	
15	6. 3.45						55.0	
20	5. 3.55						52.0	
5	4. 3.65						42.0	
30	3. 3.75						30.0	
5	2. 3.85						39.0	
40	1. 3.95						29.0	
5							21.0	
50							25.0	
5							32.0	
60							13.0	
5							6.1	10.265
70							16.3	
5							22.0	
80							39.0	
5							17.0	
90							22.0	
5							22.0	
300							14.0	
5							5.2	9.305
10							4.2	

GROUND BED RESISTANCE: (1) VOLTS _____ + AMPS _____ = _____ OHMS

(2) VIBROGROUND .77 OHMS

cathodic protection service

HOUSTON TEXAS

DATA SHEET NO. 2 of 2

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
15	100 Water							4.5 ✓ 8.315
20								6.9
5								7.9 ✓ 7.325
30								10.1
5								10.2
40								9.8
5								6.5 ✓ 6.345
50								5.9
5								7.4 ✓ 5.355
60								8.4
5								4.4 ✓ 4.365
70								5.5
5								5.0 ✓ 3.375
80								4.7
5								3.5 ✓ 2.385
90							4.6	
5							4.7 ✓ 1.395	
400	TD 400							4.8

(2) VIBROGROUND 77 OHMS



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