

#9 = 30-045-09438

#12 = 30-045-09441

#13 = 30-045-21679

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 17 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SCHUMACHER #9, #12, #13

cps 360w

Elevation 6381 Completion Date 11/20/67 Total Depth 390' 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. 220'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 5640 lbs.

Depths anodes placed: 369', 363', 357', 351', 345', 339', 333', 291', 285', 279'

Depths vent pipes placed: 369' OF 3/4" HOSE

Vent pipe perforations: 225'

Remarks: gb #2

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.

Tested

Date 11-20-67

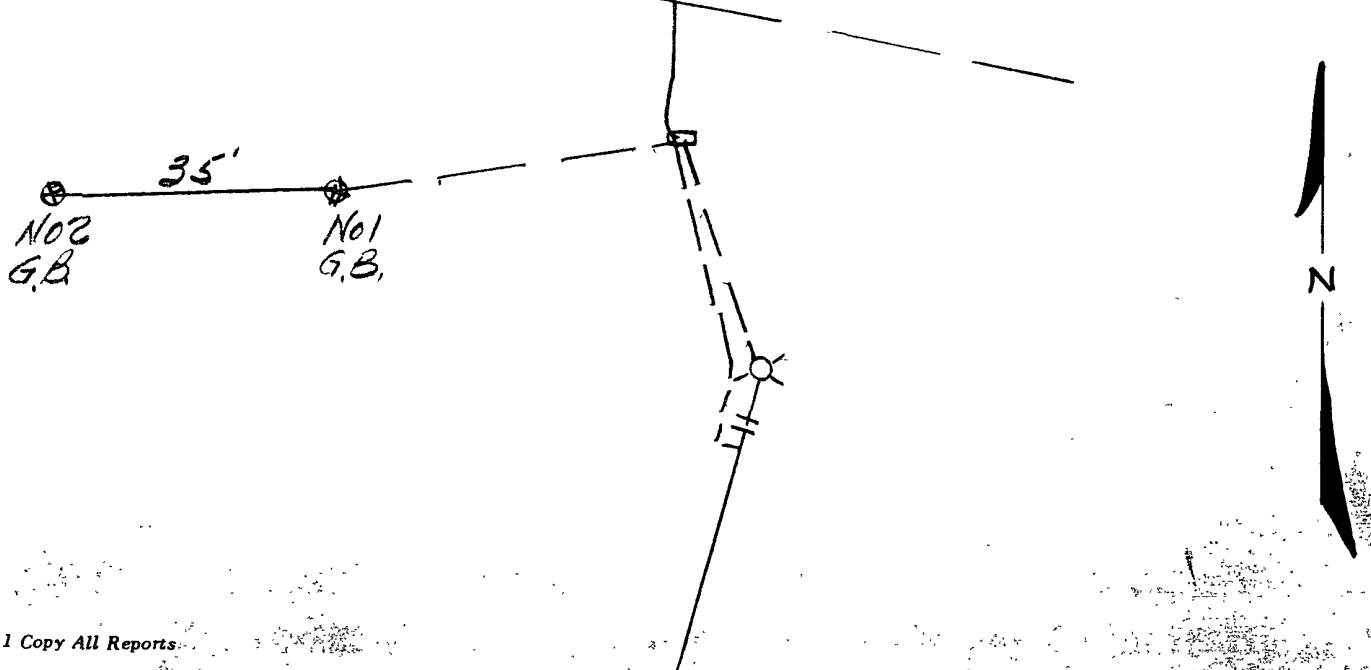
Well Name Schumacher No. 9				CPS No. 360W			
Location SW 17-30-10				Work Order No. 182-52254-50-20			
Anode Hole Depth 390	Total Drilling Rig Time 29	Type & Size Bit Used 7 1/2 RF622 = 315		No. Sacks Mud Used 1			
No. Sacks Lost Circulation Mat'l Used 0	Anode Depth						
	#1 369	#2 363	#3 357	#4 351	#5 345	#6 339	
Total Lbs. Coke Used 5640	Anode Output (Volts)						
	#1 5.9	#2 6.0	#3 6.1	#4 5.4	#5 6.0	#6 5.9	
Total Circuit Resistance			No. Ft. Surface Cable Conduit				
Volts 11.6	Amps 17.4	Ohms 1.66	3508		Anodes-55 Surface=3563		
Drilling Log (Attach Hereto). ☐							
		7 333	8 291	9 285	10 279		
		7 4.5	8 5.0	9 5.9	10 6.0		
Remarks:							

3/4" Hose to No. 1 Anode. Perforated 225'
1516s Barafos Circulated thru. Hole

All Construction Completed

Arricks
(Signature)

GROUND BED LAYOUT SKETCH



WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Handwritten signature

Drilling Log (Attach Hereto). ☐

Completion Date 5-14-70

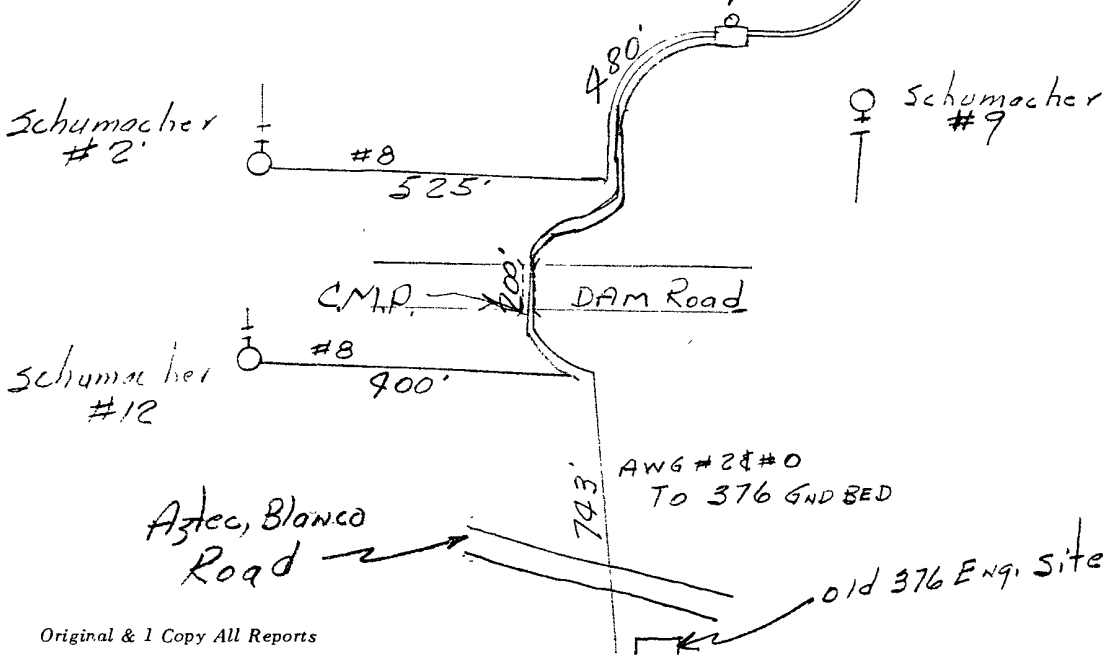
Well Name		Location		CPS No.	
Type & Size Bit Used				Work Order No.	
Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1	# 2	# 3	# 4	# 5	# 6
# 1	# 2	# 3	# 4	# 5	# 6
# 11	# 12	# 13	# 14	# 15	# 16
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts	Amps	Ohms			

Remarks: Schumacher #7, 810 w 4150' #8 C.P. cable
" #2 1020'
" #12 1100'
#2 & #0 cable = 1423'
4408' OF Ditch

6270' OF #8 cable

To Schumacher #7-810w
 2-#8 A.C.
 All Construction Completed

C.P.S. #360W
 GROUND BED LAYOUT SKETCH



LEASE

Lined no 59 - 220

WELL NO 360 W CONTRACTOR

Leland Haly

RIG NO.

REPORT NO.

DATE

19

MORNING

DAYLIGHT

EVENING

Driller					Total Men In Crew					Driller					Total Men In Crew				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
0	115	SS			240	278	SS			375	390	SS							
115	120	SH			278	295	SH												
120	230	SS			295	330	SS												
230	240	SH			330	375	SH												

BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.
PT 622-315				FT 353		75					

SEP NO.	STANDS	SERIAL NO.	SIZE	SEP NO.	STANDS	SERIAL NO.	SIZE	SEP NO.	STANDS	SERIAL NO.	SIZE
78		78									

TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY

MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH

MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED
Time	WT. Vls.	Time	WT. Vls.	Time	WT. Vls.	Time	WT. Vls.
	100						
	100						

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
			11-15-67		5 1/2 hrs			
			11-16-67		10 hrs			
			11-17-67		10 hrs			
			11-20-67		3 1/2 hrs			

REMARKS -	REMARKS -	REMARKS -
11-15-67 Drilled 220' with 4 3/4 mud + 80' with 7 1/2 lbs per gal at 500		
11-16-67 Drilled 600' Drilling at 700' Drilled 235' 1/2 lbs per gal at 500		
11-17-67 Drilled 600' Drilling at 700' Drilled 75' per gal of water 1/2 lbs per gal at 500		
11-20-67 Drilled 600' Drilling at 700' Drilled out hole 1/2 lbs per gal at 1000		

SIGNED: Toolpusher

Company Supervisor

Leland