

#1 = 30-045-07318
#6 = 30-045-21041 4759

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

Operator MERIDIAN OIL Location: Unit NE Sec. 21 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced GRAMBLING A #1, #6

cps 470w

Elevation 5808' Completion Date 8/19/69 Total Depth 280' 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. 60'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON
DIST

Type & amount of coke breeze used: 5160 lbs.

Depths anodes placed: 261', 255', 241', 231', 216', 181', 161', 100'

Depths vent pipes placed: 261' OF 3/4" HOSE

Vent pipe perforations: 225'

Remarks: gb #2 PLASTIC MOLD USED TO CAP ANODES. DID NOT USE SHRINK SLEEVE ON CABLE.

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 8-19-69

Well Name <u>Drumming #1A</u>		Location <u>NE21-28-8</u>		CPS No. <u>470W</u>	
Type & Size Bit Used <u>1 1/2 - 4 1/2" - 2 1/2" - 5" bit</u>		Work Order No. <u>184-52004-50-20</u>			
Anode Hole Depth <u>280</u>	Total Drilling Rig Time <u>26 1/2</u>	Total Lbs. Coke Used <u>5160</u>	Lost Circulation Mat'l Used <u>0</u>	No. Sacks Mud Used <u>2</u>	
Anode Depth					
# 1 <u>261</u>	# 2 <u>255</u>	# 3 <u>241</u>	# 4 <u>231</u>	# 5 <u>216</u>	# 6 <u>181</u>
Anode Output (Amps)					
# 1 <u>3.9</u>	# 2 <u>4.0</u>	# 3 <u>3.0</u>	# 4 <u>2.9</u>	# 5 <u>3.2</u>	# 6 <u>2.9</u>
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts <u>12.2</u>	Amps <u>13.2</u>	Ohms <u>0.92</u>	No. 8 C.P. Cable Used <u>1860 ft</u>		
			No. 2 C.P. Cable Used <u>0</u>		

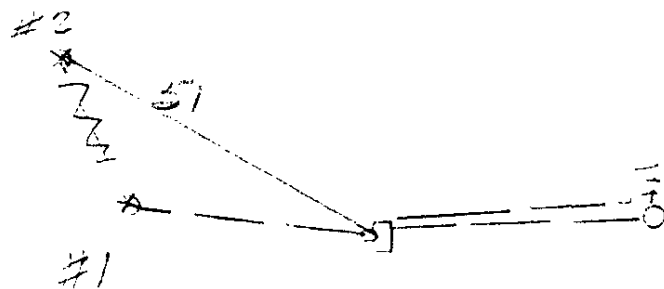
Remarks: 3/4" Hose to No. 1 Anode - Perforated 225'
25 lbs Barafos used.

Plastic mold used to cap Anodes.
Did Not use shrink sleeve on cable

All Construction Completed

[Signature]
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

B-17# 203 - 108'

LEASE

WELL NO. 470W

CONTRACTOR

Mondack Const

RIG NO. 150

REPORT NO.

DATE

19

MORNING

DAYLIGHT

EVENING

Driller				Total Men In Crew				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	60	500' - 55'			150	162	5 1/2' shale			230	235	5 1/2' shale			230	235	5 1/2' shale						
60	46	55 3/4' shale			162	210	35' 3/4' shale			235	250	35 3/4' shale			250	273	35 3/4' shale						
46	108	5 1/2' shale			210	228	3 1/2' shale			250	273	3 1/2' shale			273	280	3 1/2' shale						
108	156	55 3/4' shale			228	230	35 3/4' shale			273	280	35 3/4' shale											
BIT NO. 2281				NO. DC SIZE LENG.				BIT NO. 40061				NO. DC SIZE LENG.				BIT NO.				NO. DC SIZE LENG.			
SER. NO. 1721				STANDS				SER. NO. 778				STANDS				SER. NO.				STANDS			
SIZE 3"				SINGLES				SIZE 7 3/4"				SINGLES				SIZE				SINGLES			
TYPE				DOWN ON KELLY				TYPE				DOWN ON KELLY				TYPE				DOWN ON KELLY			
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			
Time	WL.	Vis.					Time	WL.	Vis.					Time	WL.	Vis.							
FROM				TO				FROM				TO				FROM				TO			
				TIME BREAKDOWN								TIME BREAKDOWN								TIME BREAKDOWN			
				8-15-69								8-15-69								8-15-69			
				8-16-69								8-16-69								8-16-69			
				8-18-69								8-18-69								8-18-69			
				3								3								3			
				26 1/2 hrs.								26 1/2 hrs.								26 1/2 hrs.			

REMARKS -

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8-15-69. 1st shift location 10:30 - Setup on 470W. Drilled 60' water - 54' pit. Drilled to

8-16-69. 2nd shift 1st shift 6 AM. Drilled to 280' water. Drilled to 108' with 400' bit

8-18-69. 2nd shift 1st shift 6 AM. Drilled to 280' water. Drilled to 108' with 400' bit

8-19-69. 2nd shift 1st shift 6 AM. Drilled to 280' water. Drilled to 108' with 400' bit

8-19-69. 2nd shift 1st shift 6 AM. Drilled to 280' water. Drilled to 108' with 400' bit

SIGNED: Toolpusher

Company Supervisor

