

30-045-10584

4849

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 31 Rng 9

Name of Well/Wells or Pipeline Serviced SUNRAY G #2

cps 434w

Elevation 6502' Completion Date 12/9/69 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. WET AT 75' & 100'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 4640 lbs.

Depths anodes placed: 392', 386', 316', 310', 304', 291', 261', 255', 196'

Depths vent pipes placed: 386'

Vent pipe perforations: 340'

Remarks: qb #2 HOLE WAS CAVING WHILE COKING-SHALE AND COKE AROUND ANODES.

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

5 1/8"
Insert # 40 = 390

Drilling Log (Attach Hereto). ☐

Completion Date 12-9-69

Well Name SUNRAY # 2G		Location NE 21-31-9		CPS No. 434W	
Type & Size Bit Used 7 7/8 - 87036 = 450'				Work Order No. 184-52635-50-20	
Anode Hole Depth 450	Total Drilling Rig Time 38 Hrs. (58 sks)	Total Lbs. Coke Used 4640	Lost Circulation Mat'l Used 0	No. Sacks Mud Used 6	
Anode Depth					
# 1 392	# 2 386	# 3 316	# 4 310	# 5 304	# 6 291
# 7 261	# 8 255	# 9 196	# 10		
Anode Output (Amps)					
# 1 3.0	# 2 2.6	# 3 3.1	# 4 3.6	# 5 2.6	# 6 2.2
# 7 3.5	# 8 3.4	# 9 3.0	# 10		
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					
Volts 12.0	Amps 11.7	Ohms 1.02		No. 8 C.P. Cable Used 3031	No. 2 C.P. Cable Used 0

Remarks: **3/4" Hose to No 2 Anode, Perforated 340'**
25 lbs Borafos while Drilling -

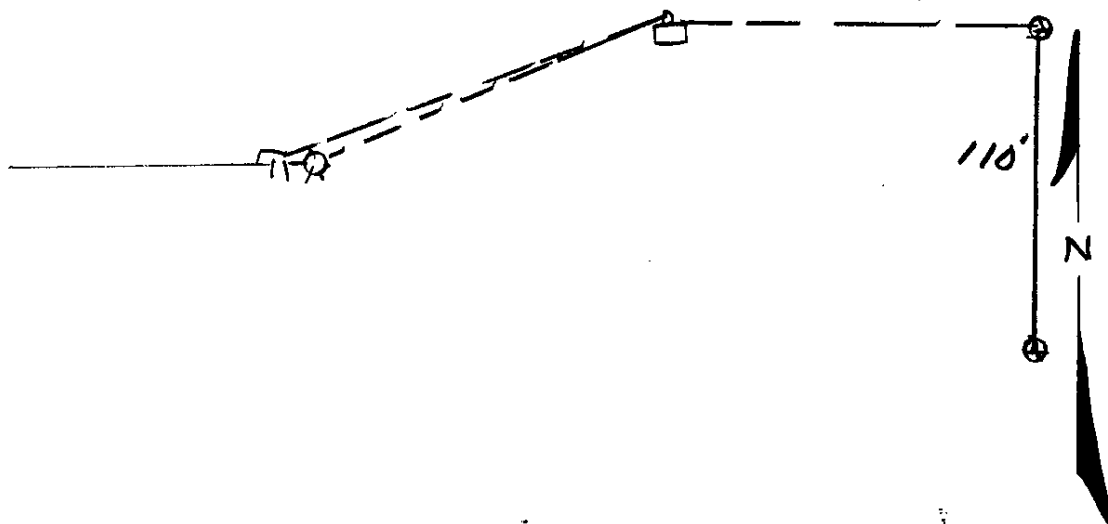
lack 7 50x coke using as much as anticipated Possible Bridge
Hole was caving while coking - shale & coke
around Anodes

All Construction Completed

Harrel

(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

Inject # 40 (990 ft.)

LEASE NO. 424-2 CONTRACTOR *M. J. J. Co.* RIG NO. 146 REPORT NO. DATE 19

MORNING

DAYLIGHT

EVENING

Total Men In Crew														
MORNING					DAYLIGHT					EVENING				
Driller					Driller					Driller				
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	100	50 + shale			215	240	55 + Berto.			280	315	shale + Berto.		
100	200	25			240	265	55 + shale			315	325	shale		
200	305	shale			265	270	shale			325	390	55 + Berto.		
305	415	55			270	285	55 + Berto.			390	430	shale		
NO. DC					NO. DC					NO. DC				
SIZE					SIZE					SIZE				
STANDS					STANDS					STANDS				
SINGLES					SINGLES					SINGLES				
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY				
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				
MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED				
TIME					TIME					TIME				
Wt.					Wt.					Wt.				
Vis.					Vis.					Vis.				
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN				
FROM					FROM					FROM				
TO					TO					TO				
12-3-69 - 6 Hrs					12-3-69 - 6 Hrs					12-3-69 - 6 Hrs				
12-4-69 - 9 Hrs					12-4-69 - 9 Hrs					12-4-69 - 9 Hrs				
12-5-69 - 12 Hrs					12-5-69 - 12 Hrs					12-5-69 - 12 Hrs				
12-9-69 - 11 Hrs					12-9-69 - 11 Hrs					12-9-69 - 11 Hrs				
38 Hrs					38 Hrs					38 Hrs				
REMARKS -					REMARKS -					REMARKS -				
12-3-69 - Lett old koe ran. moved, rigged up & drilled 100 ft. 5" air hole. Lett rig 6 PM.														
12-4-69 - Lett yd. 8 AM arrived rig 100 ft. 5" air hole. Drilled 100 ft. 5" air hole. To much moisture. changed to water. Drilled on to 390 ft. Came out & reamed down to 100 ft. Lett rig 6 PM.														
12-5-69 - Lett yd. 8 AM arrived rig 2 AM, because of mud. Reamed down from 100 ft. to 390 ft. waiting 2 hrs for water, drilled new hole from 390 ft. to 430 ft. Lett rig 6 PM.														
12-9-69 - Lett yd. 8 AM arrived rig 6 PM. last inside water standing 180 ft. Reamed down from 300 ft. to bottom at 430 ft. Came out & reamed hole. log stopped 120 ft. Went back in & closed bridge & bottom. Came out & logged hole. Moved & hole at 2 AM. Took rig to Farmington. 2 PM 5 PM Time to Farmington.														
Hauled water from Aztec dated														

Company Supervisor

SIGNED: Toolpusher

17-1-1970