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30-045-22387

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

Operator MERIDIAN OIL Location: Unit SE Sec. 17 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced SCOTT #4A

cps 1258w

Elevation 6044' Completion Date 6/27/78 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 22' OF 7" PIPE

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. 160' - 180'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 310', 300', 290', 280', 270', 260', 250', 240', 230'

Depths vent pipes placed: 385'

Vent pipe perforations: 280'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

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) **IEC**

Completion Date 6-27-78

Well Name SCOTT #4A		Location SE 17-31-10				CPS No. 1258 W				
Type & Size Bit Used 6 3/4"		Work Order No. 57198-21								
Anode Hole Depth 400-385TD	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	# 7	# 8	# 9	# 10
	320	310	300	290	280	270	260	250	240	230
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	3.8	4.3	4.0	4.8	4.3	4.0	4.2	3.9	3.6	3.5
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	8.8		Amps		12.5		Ohms		.70	
No. 8 C.P. Cable Used						No. 2 C.P. Cable Used				

Remarks: STATIC = .82 CABLE TOOLS DRILLED 28' SET 22' 7"-8'
PIPE (21 HRS) DRILLED TO 40' LOGGED TO 3' 5"
GOOD WATER SAND AT 160 TO 180' DRILLED TO 260' WATER STANDIN
FULL NEXT AM.

DITCH 1 WIRE = 332'
EXTRA WIRE = 112'
40/16 + STUB POLE
HOLE =

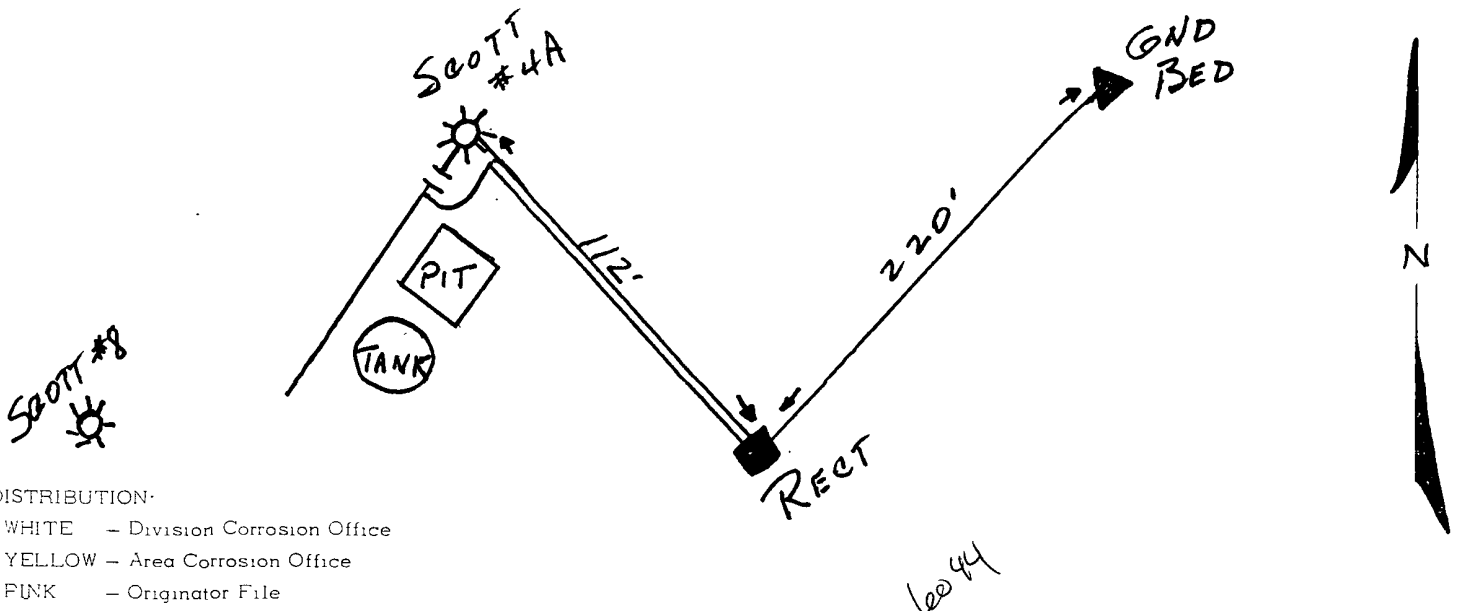
ALL 2" X 48" GRAPHITE ANODES

All Construction Completed

B.T.

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

#1258 w

LEASE _____ WELL NO. _____ CONTRACTOR Perry RIG NO. _____ REPORT NO. _____ DATE 6-27 1978

MORNING					DAYLIGHT					EVENING				
Driller					Driller					Driller				
Total Men In Crew					Total Men In Crew					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.

*Drilled 400
logged 385*

BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.	
SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY	
MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH	

*6 3/4
Rock*

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
0 - 25 - Capel Tool	190 - 210 Sand	Inf 180 ft
25 - 30 Shale Gray	210 - 400 Shale	Making water 110 - 150
30 - 60 Shale Red		2-3 gal min
60 - 90 Sand Stone		
90 - 110 Shale		
110 - 150 Sand wet		
150 - 180 Shale		
180 - 190 Sand		

SIGNED: Toolpusher Perry Company Supervisor _____

57198-21

SCOTT #4A 1258 W

STATIC = .8
SE 17-31-10

DRILLED TO 400' LOGGED TO 385' HOLE = -115'
GOOD WATER SAND 160 TO 180' DRILLED TO 260' HOLE
STANDING FULL NEXT AM. 280' 1" PERFORATED VENT
105' 1" PLAIN VENT PIPE.

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

ALL 2" x 48" GRAPHITE ANODES

MW	MISC	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

100	60	3.4	- ①
		3.4	
10	70	3.2	- ⑥
		3.2	
20	80	3.6	- ⑤
		3.8	
30	90	3.6	- ④
		3.4	
40	300	3.4	- ③
		3.4	
50	10	3.5	- ②
		3.0	
60	20	3.0	- ①
		3.0	
70	30	2.8	
		2.4	
80	40	2.2	
		2.0	
90	50	1.8	
		1.8	
200	60	1.8	
		1.8	
10	70	1.5	
		1.6	
20	80	2.5	
		2.5	
30	90		
		2.3	⑩
		2.8	
40		2.8	⑨
		2.8	
50		3.0	⑧
		3.4	

8.8V 12.5A = .70Ω

- 1- 320-3.0-3.8
- 2- 310-3.5-4.3
- 3- 300-3.4-4.0
- 4- 290-4.0-4.8
- 5- 280-3.6-4.2
- 6- 270-3.2-4.0
- 7- 260-3.5-4.2
- 8- 250-3.0-3.9
- 9- 240-2.8-3.6
- 10- 230-2.6-3.5

SAN JUAN DIVISION LABORATORY

ANALYSIS NO. 1-9230

DATE COMPLETED 7-6-78

WELL NAME	LOCATION	DATE SECURED	GAL./ DAY	PPM T.D.S.	pH	PPM CHLORIDES	PI SULF
	S T R						
Jones A #1A MV	10-28-8	6-20	24	7452	7.0	4320	7840
Jones A #1A PC	10-28-8	6-20	1	39	6.8	13	1000
Lughes #4A	20-29-8	6-20	54	6858	7.2	4830	1280
May A #5A	18-29-8	6-20	38	7632	7.1	6320	2500
May #1A	17-29-8	6-20	80	6670	7.4	6390	500
May A #1A	17-29-8	6-20	106	7527	7.4	7170	1000
May #3A	18-29-8	6-20	42	6913	6.7	7170	1000
May A #2A	7-29-8	6-20	96	5887	7.6	6320	64
1 Paso #1A	20-29-9	6-17	8	9493	6.8	6745	7080
Mansfield #2A 1241-W ✓	19-30-9	6-19		1019	7.3	24	1520
Wigley #1A 1275W	6-30-9	6-19		430	7.1	20	600
Worance #2A 1220W ✓	21-30-9	6-19		1373	7.3	16	2520
San Juan #11A 1252W ✓	11-30-10	6-19		636	6.4	24	800
Sun Ray A #1A 1263W	15-30-10	6-19		210	6.2	8	600
Atlantic D Com #5A 1209W ✓	12-30-10	6-19		1493	6.6	16	3000
Bernaghan #4A 1237W	30-31-8	6-19		432	7.3	12	600
Bernaghan #2A 1235W	28-31-8	6-19		190	7.2	16	680
Bernaghan #1A 1234W	33-31-8	6-19		571	6.9	32	800
Baker IA 1271W	31-31-9	6-19		1064	7.0	32	3520
Atlantic A #8A 1199W ✓	29-31-10	6-19		2637	7.1	152	5560
Atlantic "C" 4A 1200W ✓	31-31-10	6-19		6720	7.7	504	9800
Cott #4A 1258W	17-31-10	6-19		4506	7.0	186	7760
Hookhaven Com A-1 1212W ✓	16-31-10	6-19		3979	6.7	270	6920