

E

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3-30-039-07002

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. 24 Twp 27 Rng 7

Name of Well/Wells or Pipeline Serviced RIPLEY #3

cps 1083w

Elevation 6618' Completion Date 10/19/76 Total Depth 529' 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 140'

Depths gas encountered: N/A

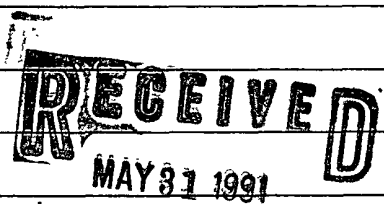
Type & amount of coke breeze used: 70 SACKS

Depths anodes placed: 485', 460', 450', 440', 425', 415', 405', 295', 180', 165'

Depths vent pipes placed: N/A

Vent pipe perforations: 360'

Remarks: gb #1



OIL CON DIV
DIST. 8

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

1066ed

Completion Date 10-19-76

Drilling Log (Attach Hereto) ☐

Well Name RIPLEY #3		Location NE 24-27-7		CPS No. 1083 W	
Type & Size Bit Used 6 3/4		Total Drilling Rig Time Log 529		Work Order No. 53334	
Anode Hole Depth Log 529		Total Lbs. Coke Used 70 SACKS		Lost Circulation Mat'l Used No. Sacks Mud Used	
Anode Depth		Anode Output (Amps)		Anode Depth	
#1 485	#2 460	#3 450	#4 440	#5 425	#6 415
#7 405	#8 295	#9 180	#10 165		
Anode Depth		Anode Output (Amps)		Anode Depth	
#11 2.4	#12 2.3	#13 2.5	#14 1.9	#15 2.3	#16 2.1
#17 2.3	#18 2.5	#19 2.2	#20 2.6		
Anode Depth		Anode Output (Amps)		Anode Depth	
#11	#12	#13	#14	#15	#16
#17	#18	#19	#20		
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12.0		Amps 13.3		Ohms 0.9	

Remarks: **DRILLER SAID WET 140'**
VENT PERP. 360'
TRIED TO LOG @ 440' NOT ENOUGH READINGS WENT BACK
DRILLED TO 540'
SLURRY 70 SACKS

#2,648.00
 859.20 X Depth
 215.00 X Anodes
 181.20 X " Cable
 3,903.40
 156.13

All Construction Completed

C.W. Hemin
(Signature)

GROUND BED LAYOUT SKETCH

4,059.53
 420.00 COKE
 194.50 RECT.
 213.40 Insp.
 50.00 misc.
 4,937.43 TOTAL

G.B.

APPROX
160'

Lelel 8

DISTRIBUTION:

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

Ripley #3

NE 24-27-7

1083 W

53334

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

MISC.

MW 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

140	.6	65	.3			
45	.6	70	.4			
50	.7	75	.4			
55	.7	80	.4			
60	.9	85	.6			
65	1.1	90	.5			
70	.9	95	.5			
75	.9	400	.7			
80	.9	5	1.3		x	
85	.8	10	1.1			
90	.6	15	1.5		x	
95	.3	20	1.4			
200	.2	25	1.5		= 425 + 5 x	
5	.3	30	1.0			
10	.2	35	.8			
15	.1	40	.9	x		
20	.2	45	.9		x	
25	.3	50	1.0		x	
30	.2	55	1.0			
35	.1	60	1.1	x	x	
40	.1	65	.8			
45	.1	70	.7			
50	.1	75	.7			
55	.2	80	.8			
60	.4	85	1.4		x	
65	.3	90	1.1			
70	.2	95	.8			
75	.2	500	.7			
80	.2	5	.7			
85	.2	10	.7			
90	.6	15	.7			
95	1.6	20	.8			
300	.7	25	.8			
5	.1	30				
10	.1	35				
15	.1	40				
20	.1					
25	.1					
30	.3					
35	.4					
40	.4					
45	.3					
50	.3					
55	.3					
60	.2					
3						
90	.6	15	.7			
95	1.6	20	.8			
300	.7	25	.8			
5	.1	30				
10	.1	35				
15	.1	40				
20	.1					
25	.1					
30	.3					
35	.4					
40	.4					
45	.3					
50	.3					
55	.3					
60	.2					

52445	1.	485	1.3	2.4
T.D. 529	2.	4.60	1.3	2.3
	3.	450	1.5	2.5
	4.	440	1.3	1.9
	5.	425	1.7	2.3
	6.	415	1.6	2.1
	7.	405	1.4	2.3
	8.	2.95	1.8	2.5
	9.	180	1.1	2.2
	10.	165	1.4	2.6

Vent Perf 360

12.0V

13.3A

D.9 R

20 SACKS SLURRY

DAILY DRILLING REPORT

LEASE			WELL NO. 1083 W			CONTRACTOR P. J. Drilling			RIG NO.			REPORT NO.			DATE 10-18-1976											
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.												
Air Drilled 440'															NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.
															BIT NO.		SIZE	LENG.	BIT NO.		SIZE	LENG.	BIT NO.		SIZE	LENG.
															SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS	
															SIZE		SINGLES		SIZE		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	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.												
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN												
0	6	Surface				300	305	Shale																		
6	20	Shale				305	325	Sand																		
20	50	Sand Dry				325	345	Sandy Shale																		
50	90	Shale				345	355	Shale																		
90	110	Sand Dry				355	363	Sand																		
110	140	Shale				363	385	Shale																		
REMARKS -						REMARKS -						REMARKS -														
140 - 174 Sand wet						385 - 400 Sand						Went Back on Iron														
174 - 190 Shale sandy						400 - 460 Sandy Shale						460														
190 - 230 Sand wet						460 - 540 Sandy Shale						540														
230 - 240 Shale																										
240 - 260 Sand Stone Soft																										
260 - 275 Shale																										
275 - 285 Sand wet																										
285 - 300 Shale sandy																										

SIGNED: Toolpusher

____ Company Supervisor