

1552

2A- 30-045-21779

200- 30-045-27049

E

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

Operator MERIDIAN OIL INC. Location: Unit D Sec. 9 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced DAY #2A, COM #200

cps 2107w

Elevation 6479' Completion Date 10/22/78 Total Depth 400' 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. 45'

Depths gas encountered: N/A

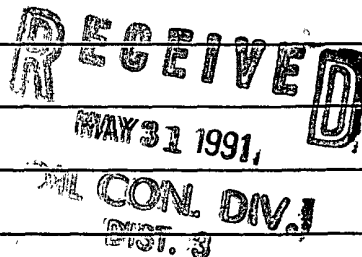
Type & amount of coke breeze used: 49 SACKS

Depths anodes placed: 355', 310', 275', 265', 255', 245', 235', 155', 125', 115'

Depths vent pipes placed: 380'

Vent pipe perforations: 280'

Remarks: gb #1



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 10-22-78

Well Name DAY #2A		Location NW 9-29-8		CPS No. 1311W 2107W	
Type & Size Bit Used 6 3/4		Contract # CONTRACT #2		Work Order No. 57047.21	
Anode Hole Depth 400' - 400' TO	Total Drilling Rig Time	Total Lbs. Coke Used 49 sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 355	# 2 310	# 3 275	# 4 265	# 5 255	# 6 245
# 7 235	# 8 155	# 9 125	# 10 115		
Anode Output (Amps)					
# 1 2.4	# 2 2.6	# 3 3.0	# 4 3.6	# 5 3.9	# 6 5.6
# 7 4.5	# 8 3.1	# 9 4.1	# 10 5.4		
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				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.0	Amps 15.0	Ohms .8			

Remarks: STATIC $\frac{9}{16}$ 600'SW = .80

Driller said water at 45' DRILLED 80' WATER STANDING AT 50'
DRILLED 400' Logged 400' SLURRIED 49 SACKS OF COKE
380' OF VENT PIPE PERFORATED 280' WATER APPROX 56 PDAY
2X2X48" GRAPHITE ANODES

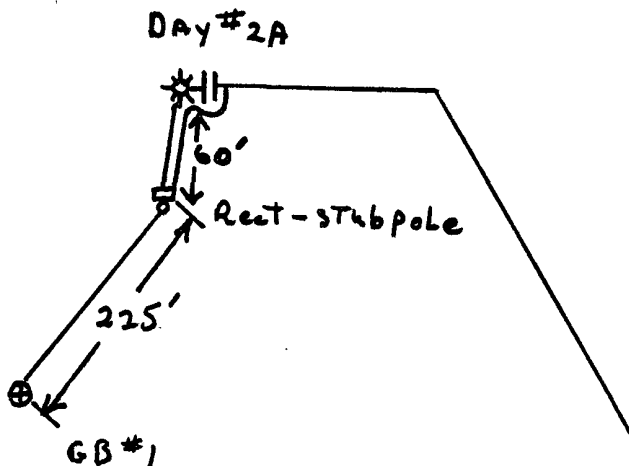
Hole depth = -100
Ditch + cable = 285'
EXTRA cable = 60'

400 16A Rect
STUB POLE

All Construction Completed

Robert J. Bahrick
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

Le479

13 Nov

ADW 9-28 8
10-28 8

STATIC $\frac{1}{2}$ 600' SW = .30
57047.21

MW	gals/mol	
16 04	C ₁	6.4
30 07	C ₂	10.12
44 10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72 15	iC ₅	13.85
72 15	nC ₅	13.71
86.18	iC ₆	15.50
86 18	C ₆	15.57
100 21	iC ₇	17.2
100 21	C ₇	17.46
114 23	C ₈	19.39
28 05	C ₂ ²	9.64
42.08	C ₃ ²	9.67

MW	MISC gals/mol	
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

FILLER 50' AT 45'
 APPROX 50'
 IN 30 FT. OF FILLER APPROX 56 PDAY
 FILLER 50' AT 45'
 APPROX 50'
 IN 30 FT. OF FILLER APPROX 56 PDAY
 FILLER 50' AT 45'
 APPROX 50'
 IN 30 FT. OF FILLER APPROX 56 PDAY

1. Acceptance - 100%
 2. Testable - 285
 3. Extra cables - 60
 4. 1st test
 5. 1st test

①	355	-1.5	-2.4
②	310	-1.3	-2.6
③	275	-1.7	-3.0
④	265	-1.9	-3.6
⑤	255	-1.9	-3.9
⑥	245	-1.9	-5.6
⑦	235	-2.1	-7.5
⑧	155	-1.5	-3.1
⑨	125	-2.0	-4.1
⑩	115	-2.1	-5.4

$$+_{\text{in}} - 12.0 \text{ V} / 5.0 \text{ A} = .8 \text{ ohms}$$

LEASE

WELL NO. 1311W

CONTRACTOR

O'Briant

RIG NO.

REPORT NO.

DATE Oct 22 1978

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.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
		TOTAL DEPTH					TOTAL DEPTH					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	8	Surface	82	110	Sandstone	245	260	Sandstone-Bentonite
8	30	Sandstone (water)	110	130	Shale	260	275	Shale
30	35	Shale	130	155	Sandstone	275	400	Sandstone-Bentonite
35	65	Sandstone	155	170	Sandy Shale			
65	75	Shale	170	240	Sandstone			
75	82	Sandstone	240	245	Shale			

REMARKS -

REMARKS -

REMARKS -

Drilled To 400 y 6 1/4
 Logged To 400

Water estimate 5 gal per day

400

SIGNED: Toolpusher

Tom O'Briant

Company Supervisor

1551

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E

200-30-045-27049

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NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit D Sec. 9 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced DAY #2A, COM #200

cps 2107w

Elevation 6479' Completion Date 4/4/89 Total Depth 520' 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. 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 330', 290', 280', 270', 260', 250', 170', 160', 135', 125'

Depths vent pipes placed: 505'

Vent pipe perforations: 440'

Remarks: gb #2

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

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*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

**WELL CASING
CATHODE PROTECTION CONSTRUCTION REPORT
DAILY LOG**

Drilling Log (Attach Hereto) ☒

Completion Date: 4-4-89

Day #2

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
2107-w	Day Cam #200	3307A	600' N = .70	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
D9-29-8	2" x 60"	Duriron	6 3/4"	
Depth Drilled:	Depth Logged:	Drilling Rig Time	Total Lbs. Coke Used:	Lost Circulation Mat'l Used:
520'	500'			
Anode Depth:				
# 1 330'	# 2 290'	# 3 280'	# 4 270'	# 5 260'
# 6 250'	# 7 170'	# 8 160'	# 9 135'	# 10 125'
Anode Output (Amps)				
# 1 2.0	# 2 2.1	# 3 3.6	# 4 3.6	# 5 3.9
# 6 3.9	# 7 4.5	# 8 4.8	# 9 4.5	# 10 4.8
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			No. 8 C.P. Cable Used:	No. 2 C.P. Cable Used:
Volts 11.8	Amps 16.0	Ohms .737		

Remarks: DRILLED 520', LOGGED 500'. DRILLER SAID WATER AT 100'. INSTALLED 505' OF 1" PVC VENT PIPE, PERFORATED BOTTOM 440'

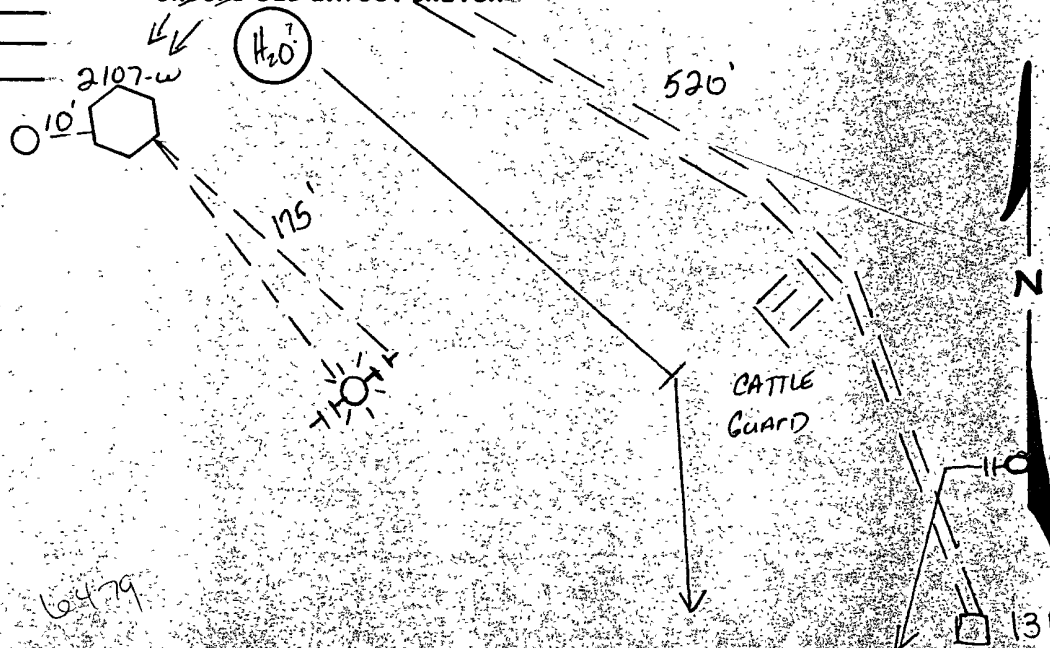
* PLOW AC FROM 1311-w. 520'

Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 745' .20
 Ditch & 1 Cable: 705' .70
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____

All Construction Completed

M. J. J. [Signature]
 (Signature)

GROUND BED LAYOUT SKETCH



3870.00 ✓

599.00 ✓

149.00 ✓

493.50 ✓

144.50 ✓

237.00 ✓

5493.00 ✓

274.65 ✓

5767.65 OK 92

6479

SCOTT DRILLING, INC.

~~P.O. Box 269~~ 1802 LANE 10

POWELL, WY. 82435

(307) 754-2056

WELL NO. *Day com 200*

FORMATION:

0-100 shale

100-120 sand

120-150 shale

150-170 sand-sandstone

170-400 shale

400-520 sand

DRILL: GARDNER DENVER

MAYHEW 1000-ROTARY

PRICE \$ PER FOOT

TOTAL INVOICE:

PERFORATIONS:

STATIC WATER TABLE

GRAVEL PACKING

CASED WITH PVC

160 PSI