

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

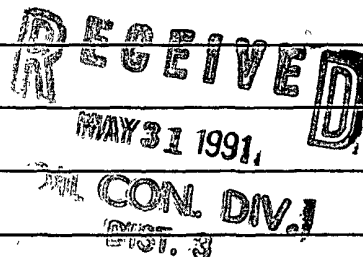
Type & amount of coke breeze used: 49 SACKS

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

Depths vent pipes placed: 380'

Vent pipe perforations: 280'

Remarks: gb #11



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 <i>COM #20</i>		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																																																													
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Remarks: STATIC 9/3 600'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 5 GPDAY
2X2X48" GRAPHITE ANODES

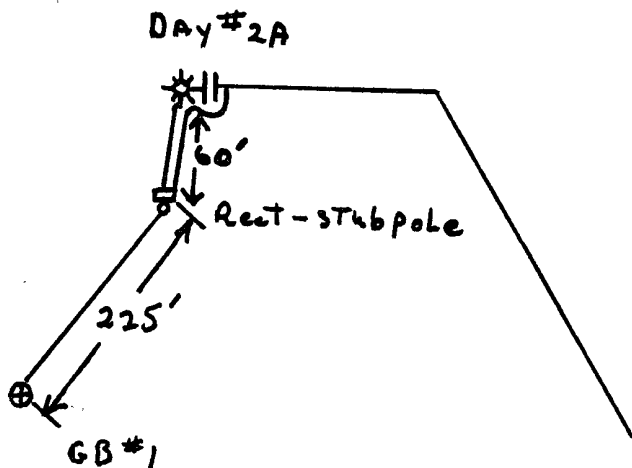
Hole depth = -100
Ditch + cable = 285'
EXTRA CABLE = 60'

40V 16A Rect
STUB POLE

All Construction Completed

Robert J. Babnick
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6479

1341 W

NWA-288
17-2A

STATIC $\frac{1}{2} \cdot 400' SW = .30$
57.347-21

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

Miller Co. #22 AT 45'
 1st 100 ft. approx 50'
 2nd 100 ft. approx 56 p.d.y.
 3rd 100 ft. approx 56 p.d.y.
 4th 100 ft. approx 56 p.d.y.
 5th 100 ft. approx 56 p.d.y.
 6th 100 ft. approx 56 p.d.y.
 7th 100 ft. approx 56 p.d.y.
 8th 100 ft. approx 56 p.d.y.
 9th 100 ft. approx 56 p.d.y.
 10th 100 ft. approx 56 p.d.y.

TELEPHONE - 100
WATCHABLE - 285
EXTRA CABLES - 60
TOTAL RECT
STUDY DATA

①	355	-1.8	-2.7
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

$$t_{\text{trL}} = 12.0 \text{ V} / 5.0 \text{ A} = .8 \text{ s} \text{ rms}$$

LEASE

WELL NO. 1311W

CONTRACTOR

O'BriantRIG NO. 1

REPORT NO.

DATE Oct 22 19 78

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.
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	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 w/ 6 3/4"
		Logged To 400
		Water estimate 5 gal per day
		400

SIGNED: Toolpusher

Tom O'Briant

Company Supervisor

1551

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E

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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 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

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 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 Com #200	3307A	600' N = .70	☒ Good ☐ Bad
Location: D9-29-8	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled: 520'	Depth Logged: 500'	Drilling Rig Type	Total Lbs. Coke Used	Lost Circulation Mat'l Used
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 Volts 11.8 Amps 16.0 Ohms .737 No. 8 C.P. Cable Used No. 2 C.P. Cable Used				

Remarks: DRILLED 520', LOGGED 500'. DRILLER SAID WATER AT 100'. INSTALLED 50.5' OF 1" PVC VENT PIPE, PERFORATED BOTTOM 440'

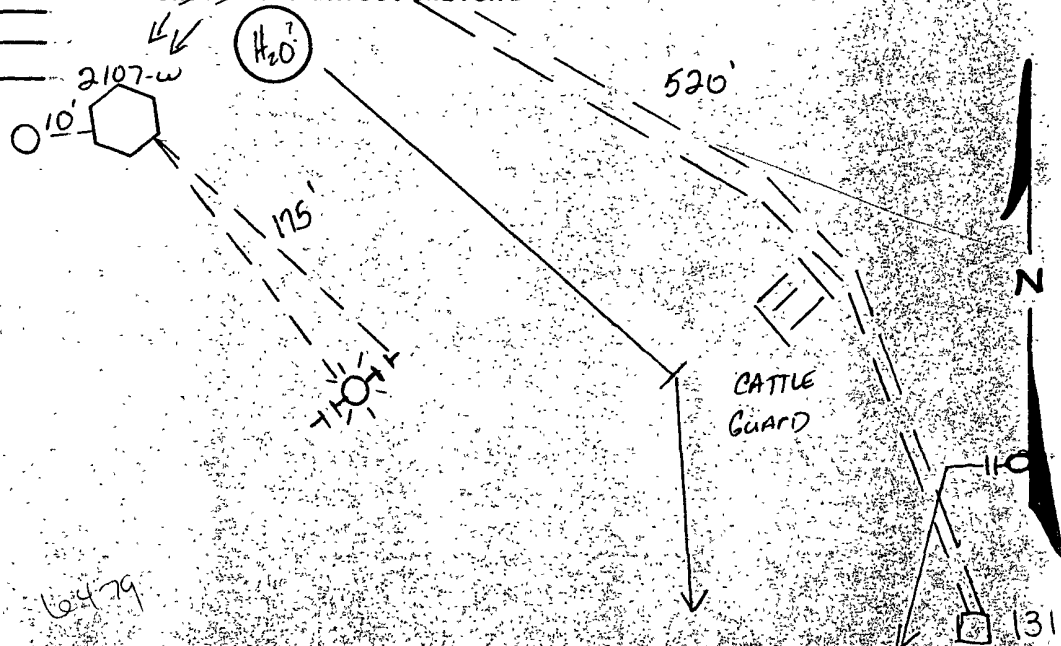
* PLOW AC FROM 1311-w, 520'

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. J.
 (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. *Py 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