

30.039-07772

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. 26 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #96

cps 158w

Elevation 6317' Completion Date 4/11/63 Total Depth 100' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 765 lbs.

Depths anodes placed: 85', 79', 73', 67', 35'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

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

DATE 4-11-63

WELL NAME Wilson #2

CPS NO. 158 W

LOCATION 26 - 30N - 7W

WORK ORDER NUMBER 184-40542-50-02

ANODE HOLE DEPTH 100'

TOTAL DRILLING RIG TIME 4 hrs

DRILLING TIME FOR RECTIFIER POLE HOLE 0

TYPE AND SIZE BIT USED _____

NUMBER SACKS MUD USED 2

NUMBER SACKS LOST CIRCULATION MAT'L USED 1

ANODE DEPTHS #1 85', #2 79', #3 73', #4 67' 535'

TOTAL LBS. COKE USED 765 lbs

ANODE OUTPUTS 12 VOLTS, #1 2.6, #2 3.8, #3 3.7, #4 3.154.5

TOTAL CIRCUIT RESISTANCE: VOLTS 11.3 AMPERES 9.8 OHMS 1.16

NUMBER FEET SURFACE CABLE ~~CONDUIT~~ 260'

DRILLING LOG (ATTACH HERETO).

FORMATION LOG (ATTACH HERETO).

REMARKS: Static g/s = .74 R 600' N. W.

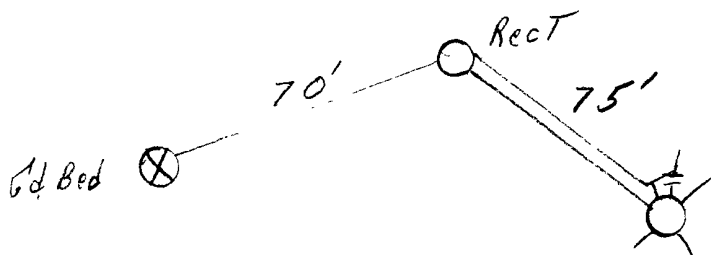
Installed Good All Rect 28V 12A

Serial # 62C 6280. ~~24~~

ALL CONSTRUCTION COMPLETED

E. Paulk
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

679'

LEASE		WELL NO.		CONTRACTOR		RIG NO.		REPORT NO.		DATE	
WILSON		2		L.E. WILSON		D-2				4-11 1966	
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.	FROM	TO	FORMATION	WT-BIT	R.P.M.				
0	32	SC. & SS.	3000																				
32	100	SS. & Sh. Stringers	11																				
REMARKS -																							
Lost Circulation At 60' 2 Loads Water.																							
REMARKS -																							
Rig Time 4 hrs.																							
REMARKS -																							

..SIGNED: Toolpusher

Company Supervisor

30-039-07772

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
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Operator MERIDIAN OIL Location: Unit NE Sec. 26 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #96

cps 158w

Elevation 6317 Completion Date 7/15/64 Total Depth 465' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 7950 lbs.

Depths anodes placed: 392', 386', 380', 335', 329', 323', 285', 210'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #2 HOLE CAVED TO 440'

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If Federal or Indian, add Lease Number.

RECEIVED

MAY 31 1991

OIL CON. DIST.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Date 7-15-64

Well Name <u>Wt/son No. 2 30-6 #96</u>				CPS No. <u>158 W</u>			
Location <u>NE 26-30-7</u>				Work Order No. <u>52291</u>			
Anode Hole Depth <u>465</u>		Total Drilling Rig Time <u>42 Hrs.</u>		Type & Size Bit Used <u>7781X=95</u>		No. Sacks Mud Used <u>1</u>	
				<u>6 1/4-10756X=260, 7714X=110</u>			
No. Sacks Lost Circulation Mat'l Used <u>1</u>		Anode Depth					
		#1 <u>392</u>		#2 <u>386</u>		#3 <u>380</u>	
				#4 <u>335</u>		#5 <u>329</u>	
						#6 <u>323</u>	
Total Lbs. Coke Used <u>535ks 7950'</u>		Anode Output (Volts)					
		#1 <u>1.7</u>		#2 <u>2.0</u>		#3 <u>1.6</u>	
				#4 <u>2.4</u>		#5 <u>2.7</u>	
						#6 <u>2.5</u>	
Total Circuit Resistance		Volts <u>11.5</u>		Amps <u>8.7</u>		Ohms <u>1.32</u>	
						No. Ft. Surface Cable Conduit <u>125'</u>	

Drilling Log (Attach Hereto). ☐

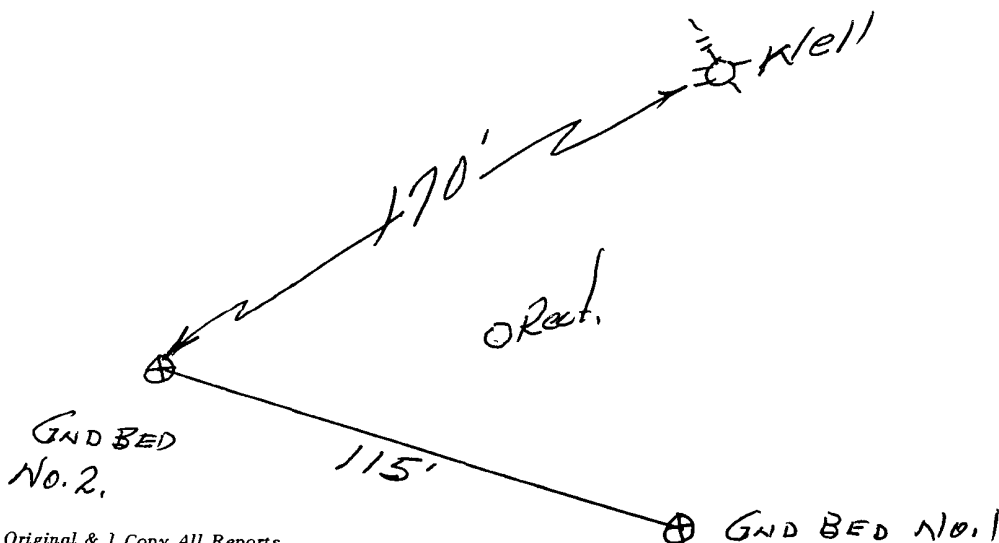
Remarks: Hole Caved to 440', 5 Anodes = 12.0V 5.6A = 2.1 Ω
6 Anodes = 11.8V 6.0A = 1.96 Ω
7 Anodes = 11.7V 6.9A = 1.7 Ω

Driller thinks Might be water @ 205'

All Construction Completed

Corrals
(Signature)

GROUND BED LAYOUT SKETCH



MORNING

ATE 7-9

1974

[illegible]

SIGNED: Toolpusher

30-039-07772

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
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Operator MERIDIAN OIL Location: Unit NE Sec. 26 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #96

cps 158w

Elevation 6317' Completion Date 10/1/76 Total Depth 497' 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. 200'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 65 SACKS

Depths anodes placed: 475', 465', 420', 410', 360', 350', 310'

Depths vent pipes placed: 475'

Vent pipe perforations: 318'

Remarks: qb #3

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If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

logged

Drilling Log (Attach Hereto). ☐

Completion Date 10/1/76

Well Name <u>S.J. 30.6 #96</u>		Location <u>NE-26-30-7</u>		CPS No. <u>158W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>52291</u>	
Anode Hole Depth <u>497'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>65 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>475'</u>	# 2 <u>465'</u>	# 3 <u>420'</u>	# 4 <u>410'</u>	# 5 <u>360'</u>	# 6 <u>350'</u>
# 7 <u>310'</u>	# 8	# 9	# 10		
Anode Output (Amps)					
# 1 <u>1.9</u>	# 2 <u>2.0</u>	# 3 <u>2.0</u>	# 4 <u>2.0</u>	# 5 <u>2.0</u>	# 6 <u>2.4</u>
# 7 <u>2.0</u>	# 8	# 9	# 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			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used	
Volts <u>12.1</u>	Amps <u>10.2</u>	Ohms <u>1.2 Ω</u>			

Remarks: DRILLER SAID WATER AT 200'. LOST CIRCULATION AT 360'
REGAINED CIRCULATION AT 420'. STARTED INDICATING AT 560'. DRILLED
TO 500'. T.D. 497'. VENT PIPE PERFORATED 318', ON #1 ANODE.

\$2,248.50

705.60 x Depth

3.40 SURF. CABLE

68.00 ADDN'L. ANODES

73.70 ANODE LEAD CABLE

3,104.20

124.16

3,228.36

213.40

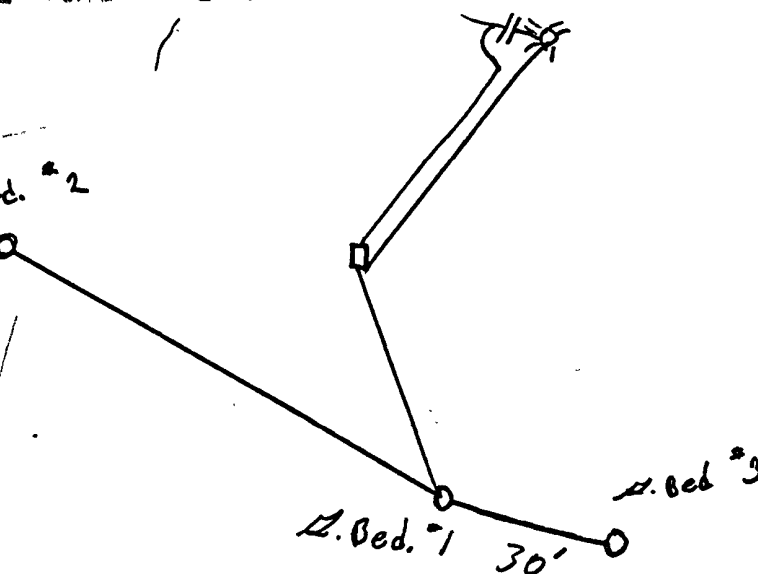
50.00 Misc

\$3,491.76 TOTAL

All Construction Completed

JE Statta
(Signature)

GROUND BED LAYOUT SKETCH



S.J. 30-6 #96

CPS 158 W

W.O. - 52291-19-50-20

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 2.33
44	C ₃ 10.42
58	IC ₄ 12.38
72	IC ₅ 11.93
86	IC ₆ 13.85
100	IC ₇ 13.71
114	IC ₈ 15.20
128	IC ₉ 12.57
142	IC ₁₀ 17.2
156	C ₁₁ 17.46
170	C ₁₂ 19.31
184	C ₁₃ 9.64
198	C ₁₄ 9.67

MW	VSC	gas/mol
24	CO ₂	6.38
44	N ₂	5.17
28	N ₂	1.16
44	H ₂	3.35

60 - 1.0 -	Driller said water AT 200'
.8	Lost circ. AT 360'
70 - .4	STARTED injecting AT 360'
.5	Regained circulation AT 420'
200 - .4	Drilled To 500'
.5	
80 - .5	
.5	
10 - .4	
.5	
20 - .5	
.5	
.5	
30 - .5	
.5	
40 - .4	
.2	
50 - .1	
.1	
60 - .5	
.6	
70 - .2	
.3	
80 - .5	
.5	
90 - .4	
.4	
300 - .2	
.2	
10 - 1.0 -	
.9	
20 - .8	
.6	
30 - .6	
.5	
40 - .5	
.8	
50 - 1.0 -	
1.1	
60 - 1.0 -	
.8	
70 - .4	
.5	
80 - .5	
.5	
90 - .7	
500 -	
1 = 475 - 1.0 - 1.9	
2 = 465 - 1.0 - 2.0	
3 = 420 - 1.0 - 2.0	
4 = 410 - .9 - 2.0	
5 = 360 - 1.1 - 2.0	
6 = 350 - 1.3 - 2.4	
7 = 310 - 1.1 - 2.0	

T.D. 497'

Vent pipe Perforated 318'

65 sack cake

DAILY DRILLING REPORT

LEASE ST-30-6 #96 WELL NO. 158-W CONTRACTOR Ray Drilling RIG NO. _____ REPORT NO. _____ DATE 9-30 19 76

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. 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.		
			<i>air drilled</i>											
			<i>inj water & soap</i>											
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN		
0	4	SURFACE			310	320	SANDY SHALE							
4	60	SHALE			320	330	SAND							
60	90	SAND DAMP			330	350	SHALE							
9	110	SHALE			350	360	SAND							
110	125	SAND moist			360	500	BLIND							
125	140	SHALE												
REMARKS -					REMARKS -					REMARKS -				
140-155 SAND - WET														
155-165 RED SHALE														
165-200 BLUE SHALE														
200-225 SAND (WET)														
225-270 SHALE														
270-290 SAND														
290-295 SHALE														
295-310 SAND (WET)														

SIGNED: Toolpusher _____

Company Supervisor _____