

#10 30-045-09412
#200 30-045-27046

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 M Sec. 10 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SAN JAUN #10, #200

cps 2072w

Elevation 6471' Completion Date 5/18/63 Total Depth 220' 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: 1615 lbs.

Depths anodes placed: 204', 298', 192', 186', 180', 145', 80', 74'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1 (LOST FIRST HOLE (160'))

gb #2 gb #3

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 5-18-63
WELL NAME SAN JUAN #10 #200 CPS NO. 254W 2072
LOCATION 10-30N - 10 W
WORK ORDER NUMBER 184-40542-50-02
ANODE HOLE DEPTH 220'
TOTAL DRILLING RIG TIME 10 1/2 hrs
DRILLING TIME FOR RECTIFIER POLE HOLE _____
TYPE AND SIZE BIT USED Added Lost Bit #3409 in Hole
NUMBER SACKS MUD USED 2
NUMBER SACKS LOST CIRCULATION MAT'L USED 0
ANODE DEPTHS #1 204', #2 198', #3 192', #4 186' 5106' 145780874'
TOTAL LBS. COKE USED 1615 165
ANODE OUTPUTS 12 VOLTS, #1 1.8, #2 2.8, #3 2.0, #4 1.4 5.4 6.1
TOTAL CIRCUIT RESISTANCE: VOLTS 11.2 AMPERES 6.7 OHMS 1.68
NUMBER FEET SURFACE CABLE CONDUIT 565'

DRILLING LOG (ATTACH HERETO).

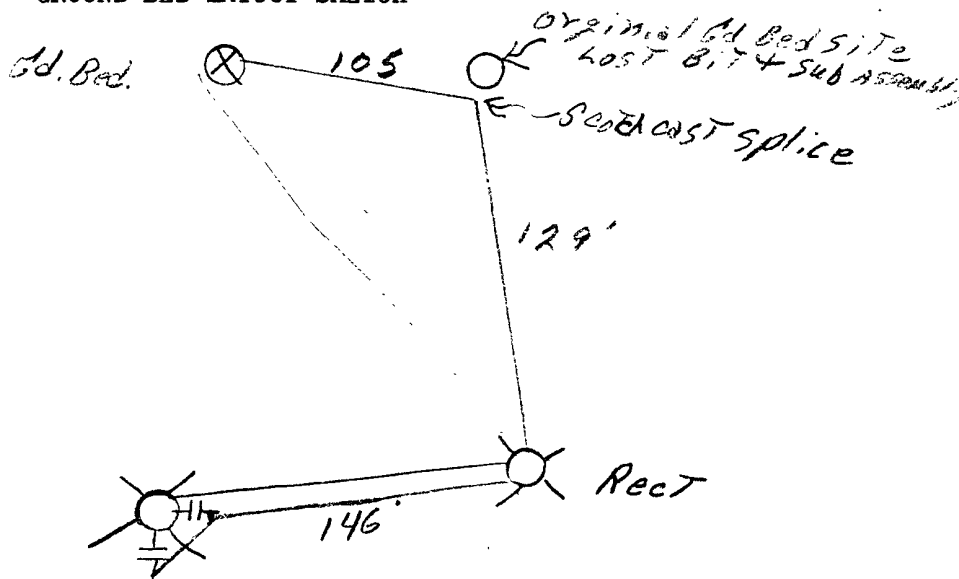
FORMATION LOG (ATTACH HERETO).

REMARKS: Static $\frac{1}{2}$ = .70 @ 500' W So. 1 Box Readings 1000's
Installed Rod-All Rect 28V-12A Serial # = 6206161
Twisted off Bit & sub assembly Abandoned same
Moved Gd. Bed site
Note: one EXTRA SCOTCHCAST Rock used on this location

ALL CONSTRUCTION COMPLETED

E. Paulik
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

1950'

6471

MORNING

DAYLIGHT

EVENING

NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.
BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	NO. DC
SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.
SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE
TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE
MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE
NO. 7777	6 3/4	Rock	220'	W.M.				

REMARKS -	REMARKS -	REMARKS -

SIGNED: Toolpusher

Company Supervisor

288

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 M Sec. 10 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SAN JAUN #10, #200

cps 2072w

Elevation 6471' Completion Date 1/12/89 Total Depth 425' 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. 230' NO SAMPLE

Depths gas encountered: N/A

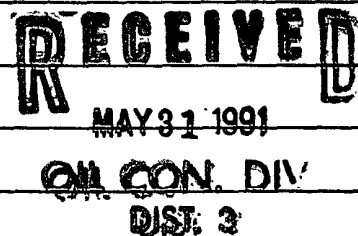
Type & amount of coke breeze used: N/A

Depths anodes placed: 390', 380', 370', 360', 350', 310', 300', 290', 280', 255'

Depths vent pipes placed: 430'

Vent pipe perforations: 260'

Remarks: gb #3



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WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Comp 1-17-89

Drilling Log (Attach Hereto) ☒

Completion Date 1-12-89

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
2072-w	SAN JUAN #200	3412A	600' w = .87	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
M 10-30-10	2" x 60'	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used
425'	425'			
Anode Depth				
# 1 390'	# 2 380'	# 3 370'	# 4 360'	# 5 350'
# 6 310'	# 7 300'	# 8 290'	# 9 280'	# 10 255'
Anode Output (Amps)				
# 1 3.4	# 2 3.2	# 3 3.2	# 4 3.2	# 5 3.5
# 6 3.8	# 7 4.5	# 8 3.6	# 9 4.0	# 10 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			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.5	Amps 18.2	Ohms .632		

Remarks: DRILLED 425' LOGGED 425'. DRILLER SAID WATER AT 230', NO SAMPLE. INSTALLED 430' OF 1" PVC VENT PIPE PERFORATED BOTTOM 260'.

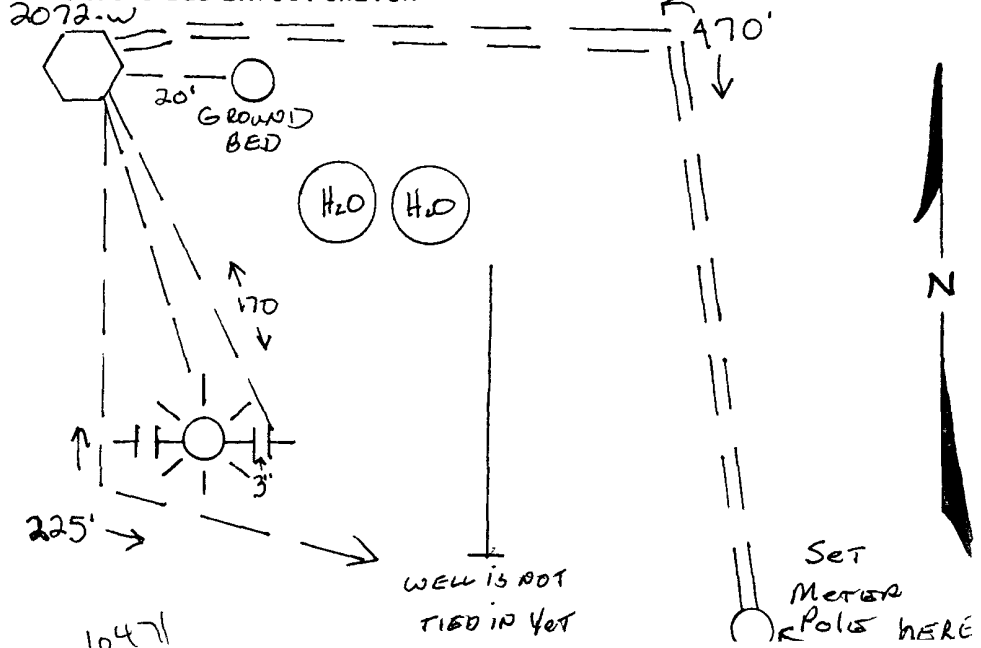
Rectifier Size: 40 V 16 A
Addn'l Depth
Depth Credit: 75' 3.50
Extra Cable: 870' 24
Ditch & 1 Cable: 715' 70
25' Meter Pole:
20' Meter Pole:
10' Stub Pole:
Junction Box:

4074.00
669.00 Rect.
-262.50 Credit ✓
208.80 Ex. Cable ✓
500.50 Ditch + 1 ✓
297.00 M.P. ✓
158.50 Stub P. ✓
225.00 J. Box ✓
5870.30
293.52 TAX
6163.82 OK 9/2

All Construction Completed

M. J. O. (Signature)

GROUND BED LAYOUT SKETCH



D. CIASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. SAN JUAN #200 Date 1-12-89

Client Meridian Oil Co. Prospect _____

County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	80	SAND
80	130	SANDY SHALE
130	150	SANDSTONE
150	165	SHALE
165	230	SAND
230	275	SANDY SHALE
275	310	SHALE
310	370	SANDY SHALE
370	385	SANDSTONE
385	420	SANDY SHALE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 230'

Driller Ronnie Brown

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NORTHWESTERN NEW MEXICO
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Operator MERIDIAN OIL INC. Location: Unit M Sec. 10 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SAN JUAN #10, #200
cps 2072w

Elevation 6471' Completion Date 5/18/72 Total Depth 420' 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. 220'

Depths gas encountered: N/A

Type & amount of coke breeze used: 7200 lbs.

Depths anodes placed: 395', 385', 375', 365', 355', 345', 335', 290', 280', 245'

Depths vent pipes placed: N/A

Vent pipe perforations: 300'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST. 3

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WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐ #208

Completion Date **5-18-72**

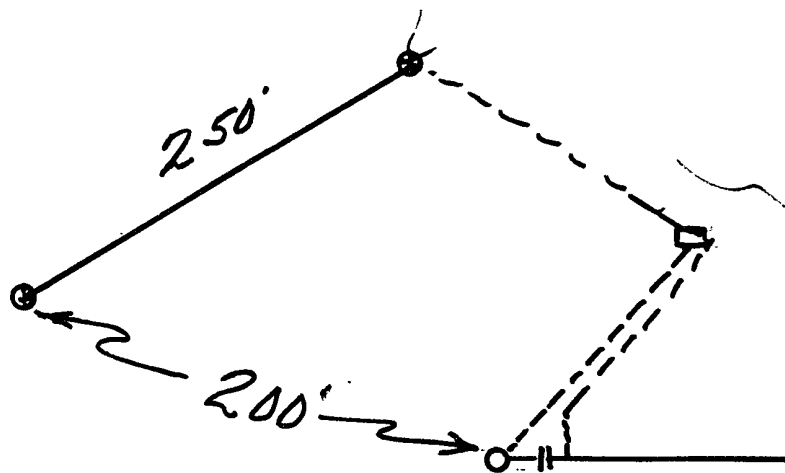
Well Name SAN JUAN #10		Location SW10-30-10		CPS No. 254-W 2072	
Type & Size Bit Used 6 3/4		Total Drilling Rig Time		Work Order No. 184-90094-60-20	
Anode Hole Depth 420		Total Lbs. Coke Used 7200		No. Sacks Mud Used	
Anode Depth	# 1 395	# 2 385	# 3 375	# 4 365	# 5 355
Anode Output (Amps)	# 1 3.3	# 2 3.6	# 3 4.2	# 4 3.7	# 5 4.2
Anode Depth	# 6 345	# 7 335	# 8 290	# 9 280	# 10 245
Anode Output (Amps)	# 6 4.1	# 7 2.4	# 8 4.2	# 9 3.4	# 10 3.5
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 12.4		Amps 13.7		Ohms 0.90
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: **Stop Drilling at 4:00 A.M., Log at 9:30 A.M.**
Water level at 375. Log 375' to 430. Driller said water
at 220; Fill Hole with Water, Log From 240 to 430.
Hose Perforated 300' After installing Anodes, Water
Dropped to 335' — Pumped Coke within 75' of surface
Est. 60 Bags, Slurry 75' Est 12 Bags - Total = 7200

All Construction Completed.

Paulek - Daniels
(Signature)

GROUND BED LAYOUT SKETCH



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE San Juan WELL NO. #10 CONTRACTOR Motion RIG NO. 2072 REPORT NO. 5-15 DATE 5-15 1972

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.
0	18	loss sand			220	240	wet sand shale							
16	120	dry sand & shale			240	255	shale			370	375	shale		
120	140	clay sand			255	280	shale			375	405	shale		
140	220	dry sand			280	310	clay shale			405	435	shale		

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

REMARKS -	REMARKS -	REMARKS -

SIGNED: Toolpusher _____

Company Supervisor _____

3540 - S.J. #10 - SW 10-30-10

2-12-72

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 0.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	C ₆ 15.50
128	C ₇ 15.57
142	C ₈ 17.4
156	C ₉ 17.46
170	C ₁₀ 19.38
184	C ₁₁ 19.44
198	C ₁₂ 21.37

MW	gas/mol
44	CO ₂ 0.38
30	H ₂ O 1.17
28	N ₂ 4.16
2	H ₂ 3.38

200		80	2.6	Stop Drilling at 4:00 PM				
			2.35 L	Log at 4:30 PM				
10		90	2.3	Well level at 4:45'				
			2.0	Log From 375 To 430				
20		400	1.8	Driller Solid Water 220'				
			1.7	Fill with water, 3 hrs From				
30		10	1.5	2.40' To 430'				
			1.5	Hose Perforated 300'				
46	2.2	20	1.42					
	2.35		1.43					
				Log.	Wtr	Coke		
50	1.1	30	1.3	1	395	2.0	1.9	3.3
	1.0			2	375	2.35	2.2	3.6
60	1.3	40		3	375	2.85	2.4	4.2
	1.8			4	365	2.6	1.7	3.7
70	1.3			5	355	2.7	2.0	4.2
	1.1			6	345	2.9	2.1	4.1
80	2.2			7	335	2.0	(1.2) Above	2.4
	2.6			8	290	2.1	(2.2)	4.2
90	2.1			9	280	2.2	(1.5)	3.4
	1.6			10	245	2.35	(1.7)	3.5
300	1.45							
	1.6							
10	1.6			Pumped to 75' of surface				
	1.2			Est. 60 Bg/s				
70	1.2							
	75							
30	50			12.4V 13.7A 0.90 R				
	2.0							
40	2.9							
	2.9							
50	2.8							
	2.7							
60	2.7							
	2.6							
70	2.7							
	2.45							