

1033

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57-30-039-07082

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

Operator MERIDIAN OIL Location: Unit NW Sec. 13 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #57

cps 1704w

Elevation 6838' Completion Date 9/29/83 Total Depth 300' 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3500 lbs.

Depths anodes placed: 270', 260', 250', 225', 215', 205', 195', 185', 175', 165'

Depths vent pipes placed: 300'

Vent pipe perforations: 180'

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

Drilling Log (Attach Hereto) ☐Completion Date 9-29-83

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1704W	SAN JUAN 27-5 # 57	20551-19-50-20-64	600'SE = .74	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NW13-27-5	2" X 60"	Duriron	6 3/4" MILL TOOTH	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300	295'		3500	
Anode Depth				
# 1 270	# 2 260	# 3 250	# 4 225	# 5 215
# 6 205	# 7 195	# 8 185	# 9 175	# 10 165
Anode Output (Amps)				
# 1 2.95	# 2 3.60	# 3 3.08	# 4 4.83	# 5 3.95
# 6 5.02	# 7 4.71	# 8 4.16	# 9 3.82	# 10 5.24
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 11.9	Amps 15.78	Ohms .75		

Remarks: Driller said water at 140' waited 45 min & caught water sample. Drilled to 300' and Logged to 295'. Logging anode hit water at 133'. Installed 300' OF VENT pipe with 180' OF perforation. Hole bridged after #3 responded. Washed out bridge. Raised all anodes 10 FT to clear dirt washed into hole. Slurried approx. 35 sacks of coke.

Rectifier Size: 40 V 16 A

Addn'l Depth

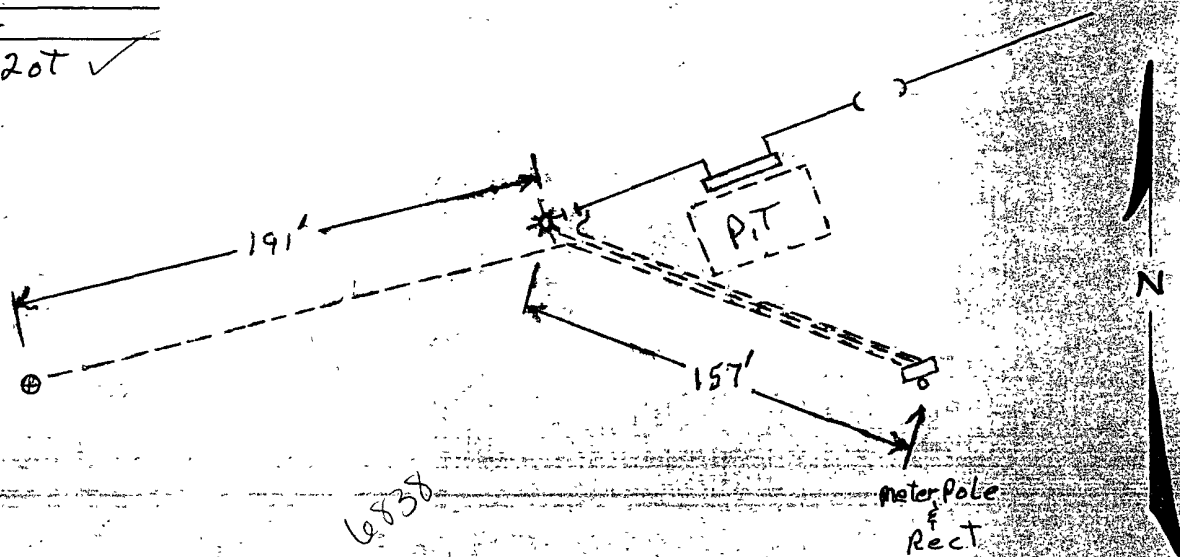
Depth Credit: -205' ✓Extra Cable: 344' ✓Ditch & 1 Cable: 348' ✓25' Meter Pole: 1 ✓20' Meter Pole: —10' Stub Pole: —

8 reg 20t ✓

All Construction Completed

Rohat Babnick
(Signature)

GROUND BED LAYOUT SKETCH



704W-NW13-27-5
MINING CALCULATION SHEET
SJS-27-6 #57-20551-19-50-

$$ST \text{ c/s } 600' SE = .74$$

120 MPa +

$$u = 0$$

9-29-83

Date _____

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Driller said water at 140' waited 45 min
caught water sample Drilled to
300' logged to 295' logging anode
hit water at 133' inst 300' of vent
pipe with 180' of perforation.
Hole bridged after 3 ~~was~~ washed
out bridge raised anodes to clear
rod washed in hole.

① 270-2.10-2.95
② 260-2.76-3.60
③ 250-2.35-3.08
④ 235-2.21-2.25-3.06-4.83
⑤ 225-3.34-2.15-2.45-3.95
⑥ 215-2.53-2.05-3.16-5.02
⑦ 205-3.42-1.95-2.99-4.71
⑧ 195-1.85-2.76-4.16
⑨ 185-1.75-2.28-3.82
⑩ 175-1.65-3.57-5.24

11.9 V 15.78 A = 75 ohms

LEASE

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

DATE

1983

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.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
					0	40	clay																						
					40	300	Shale + S.S.																						

BIT NO.		NO. DC	SIZE	LENG.	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			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
	Water at 140ft 1/2 gal min	
	water was at 140ft this morning	

SIGNED: Toolpusher

Daniel Alexander

Company Supervisor

Robert J. Barwick