

#13 30-039-07457

E

#89E 30-039-23857

868

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

Operator MERIDIAN OIL Location: Unit SW Sec. 9 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #13, #89E

cps 1108w

Elevation 6642' Completion Date 9/27/77 Total Depth 320' 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. 80'

Depths gas encountered: N/A

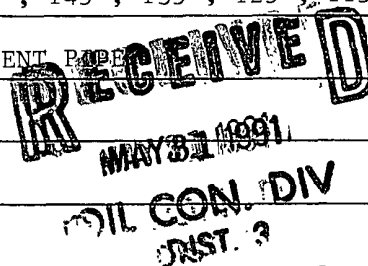
Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 275', 265', 205', 195', 180', 145', 135', 125', 115', 105'

Depths vent pipes placed: 280' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐ # 896

Completion Date 9-27-77

Well Name SAN JUAN 28-5 #13		Location SW 9-28-5		CPS No. 1108W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-52964.19-50-20	
Anode Hole Depth 320' 1099ed. 308'	Total Drilling Rig Time	Total Lbs. Coke Used 40 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 275	# 2 265	# 3 205	# 4 195	# 5 180	# 6 145
# 7 135	# 8 125	# 9 115	# 10 105		
Anode Output (Amps)					
# 1 3.8	# 2 4.0	# 3 4.5	# 4 3.3	# 5 3.6	# 6 4.0
# 7 4.9	# 8 5.3	# 9 5.2	# 10 4.9		
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 11.7	Amps 19.3	Ohms .61			
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: DRILLER said hit water at 80'

STATIC - 600' S = .72

Installed 280' of 1" VENT PIPE, PERFORATED 200' of VENT PIPE

SLURRIED 32 SACKS of COKE

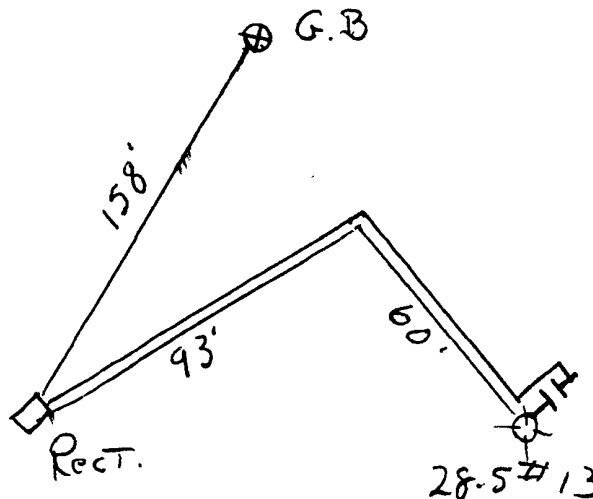
40V 16A Rect

STUB Pole

All Construction Completed

Wilbur Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

66642

San Juan 28-5#13

W/O-184-52964.19-50-20

SW 9-28-5

CPS 1108W

MW gals/mol

16.04 C₁ 6.430.07 C₂ 10.1244.10 C₃ 10.4258.12 IC₄ 12.3858.12 nC₄ 11.9372.15 IC₅ 13.8572.15 nC₅ 13.7186.18 IC₆ 15.5086.18 C₆ 15.57100.21 IC₇ 17.2100.21 C₇ 17.46114.23 C₈ 19.3928.05 C₂ 9.6442.08 C₃ 9.67

MW MISC. gals/mol

32.00 O₂ 3.37

28.01 CO 4.19

44.01 CO₂ 6.3864.06 SO₂ 5.5034.08 H₂S 5.1728.01 N₂ 4.162.02 H₂ 3.38

STATIC - 600' S - .72

40V 16A Rect

STUB Pole

DRILLER Said hit water at 80'

Installed 280' of 1" VENT PIPE

Perforated 200' of VENT PIPE

Slurried 40 SACK COKE

80 1.2 1.9 ③

10 1.4 1.3

90 1.5 1.8

100 1.7 1.4

20 2.3 1.3

10 2.8 ⑩ 1.2

20 2.6 1.4

30 2.8 ⑨ 1.6

40 3.0 1.9

50 2.7 ⑧ 1.5

30 2.5 1.8

40 2.7 ⑦ 1.6

50 2.3 ② 2.1

60 1.8 ⑥ 2.0

70 1.1 ① 2.1

80 1.3 1.8

90 1.3 1.4

70 1.5 1.7

100 1.6 1.6

300 1.8 300 logged 302'

10 2.1 ⑤ TD 320'

70 1.7 2.3

100 1.3 2.2

200 1.6 2.3

10 1.9 2.8

70 1.3 3.0

100 1.6 3.0

200 1.9 3.0

① 275 2.3 3.8

② 265 2.2 4.0

③ 205 2.3 4.5

④ 195 1.8 3.3

⑤ 180 2.1 3.6

⑥ 145 2.3 4.0

⑦ 135 2.8 4.9

⑧ 125 3.0 5.3

⑨ 115 3.0 5.2

⑩ 105 3.0 4.9

11.7 VOLTS

19.3 AMPS

61 ohms

DAILY DRILLING REPORT

LEASE			WELL NO. 1108W			CONTRACTOR POSEY DRILLING CO.			RIG NO.			REPORT NO.			DATE Sept 27 1977		
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.					
SERI 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	5	SURFACE			100	120	SANDY SHALE			210	240	SANDY SHALE					
5	25	SANDY CLAY			120	140	SHALE			240	260	SHALE					
25	50	SANDY SHALE			140	160	SANDY SHALE			260	280	SANDY SHALE					
50	70	SHALE			160	170	SAND WET			280	300	SHALE					
70	80	SANDY SHALE			170	190	SANDY SHALE			300	320	SANDY SHALE					
80	100	SAND WET (MAKING WATER)			190	210	SHALE										
REMARKS -					REMARKS -					REMARKS -							
										Drilled 320							
										Logged 302							
										Total Depth 311							

SIGNED: Toolpusher

Company Supervisor B