

#50 = 30-039-07297
#65 = 30-039-07309

4909

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. 28 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #50, #65

cps 728w

Elevation 6567' Completion Date 9/14/77 Total Depth 260' 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. 60'- 80'

Depths gas encountered: N/A

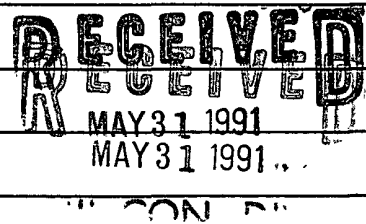
Type & amount of coke breeze used: 30 SACKS

Depths anodes placed: 200', 185', 170', 150', 125'

Depths vent pipes placed: 220' OF 1' PVC VENT PIPE

Vent pipe perforations: 160'

Remarks: qgb-#2



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 9-14-77

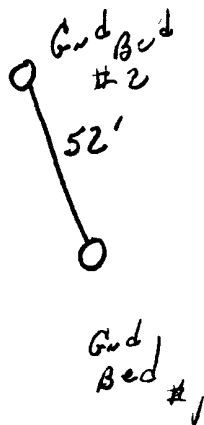
Well Name SAN JUAN 28-5 UNIT # 50		Location SW 28-28-5		CPS No. 728 W	
Type & Size Bit Used 6 3/4"				Work Order No. #503 54080.19 #65= 54292.19	
Anode Hole Depth 260 Logged - 254	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 200	# 2 185	# 3 170	# 4 150	# 5 125	# 6
# 7	# 8	# 9	# 10		
Anode Output (Amps)					
# 1 4.1	# 2 3.6	# 3 3.7	# 4 3.7	# 5 3.9	# 6
# 7	# 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 11.6	Amps 8.7	Ohms 1.3			

Remarks: DRILLER SAID MAKING WATER BETWEEN 60' & 80'. DRILLED TO 100'.
WAITED 30 MINUTES & BLEW WATER. STARTED INJ. @ 120'
PERFORATED 160' OF 1" PVC VENT PIPE. INSTALLED 220' OF 1" PVC VENT PIPE
SLURRIED 30 SACKS OF COKE.

All Construction Completed

W. Z. Lowe
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DAILY DRILLING REPORT

LEASE		WELL NO. <u>728W</u>		CONTRACTOR <u>Rosey Drilling Co.</u>		RIG NO.		REPORT NO.		DATE <u>9-14-77</u>		19					
MORNING						DAYLIGHT						EVENING					
Driller _____ Total Men In Crew _____						Driller <u>Albert L Rosey</u> Total Men In Crew <u>2</u>						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.
SER 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				60	85	sand wet (making water)				220	260	shale			
5	9	clay				85	100	shale									
9	20	shale				100	115	sandstone									
20	35	sandstone				115	180	shale									
35	55	shale				180	195	red shale									
55	60	sandstone				195	220	sandy shale									
REMARKS -						REMARKS -						REMARKS -					
						Drilled 260 ft											
						Logged 254 ft											
						Total 257 ft											
						Making Water 60-85 ft											
						injected 120 ft											

SIGNED: Toolpusher _____

Company Supervisor _____

S.J. 28-5 Unit #50

54080.19

S.J. 28-5 Unit #65

SW 28-28-5

728W

54292.19

MW gals/mol

16.04 C1 6.4

30.07 C2 10.12

44.10 C3 10.42

58.12 IC4 12.38

58.12 nC4 11.93

72.15 IC5 13.85

72.15 nC5 13.71

86.18 IC6 15.50

86.18 C6 15.57

100.21 IC7 17.2

100.21 C7 17.46

114.23 C8 19.39

28.05 C2 9.64

42.08 C3 9.67

DRILLER SAID MAKING WATER
Between 60' to 85' waited
30 minutes & Blew Water.
Perforated 160' 0.51" PVC vent Pipe
then installed 220' 0.51" PVC vent Pipe
Slurried 30 Sacks of GOC

100 1.6

1.2

10 1.9

2.0

20 2.1

2.4

30 1.1

1.0

40 .8

2.0

50 2.4

1.9

60 1.8

1.9

70 2.1

2.1

80 1.9

1.7

90 1.6

1.5

200 1.7

1.1

10 .3

.3

20 .7

1.1

30 1.5

1.5

40 1.5

1.7

50

254 T.D.

60

① 200 - 2.0

4.1

② 185 - 1.9

3.6

③ 170 - 2.2

3.7

④ 150 - 2.2

3.9

⑤ 125 - 2.4

3.9

Amps 8.7

Volts 11.6

Ohms 1.3

MW MISC. gals/mol

32.00 O2 3.37

28.01 CO 4.19

44.01 CO2 6.38

64.06 SO2 5.50

34.08 H2S 5.17

28.01 N2 4.16

2.02 H2 3.38