

926 #36 30-039-60074
#80 30-039-2027

E

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 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #36, #80

cps 1133w

Elevation 7226' Completion Date 11/2/77 Total Depth 695' 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. 90' & 590'

Depths gas encountered: N/A

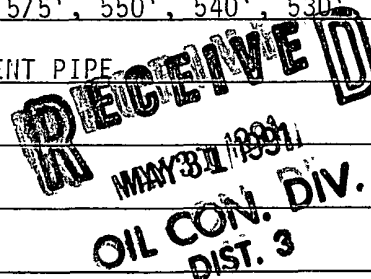
Type & amount of coke breeze used: 92 SACKS

Depths anodes placed: 625', 615', 605', 595', 575', 550', 540', 530', 520', 510'

Depths vent pipes placed: 640' OF 1" PVC VENT PIPE

Vent pipe perforations: 300'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 11-2-77

Well Name SAN JUAN 28-5 Unit #36 & #80		Location NE 26-28-5		CPS No. 11334	
Type & Size Bit Used 6 3/4"		Work Order No. #36 = 53726.19 #80 = 54699.19			
Anode Hole Depth 695 Logged - 668	Total Drilling Rig Time	Total Lbs. Coke Used 92	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 625	# 2 615	# 3 605	# 4 595	# 5 575	# 6 550
# 7 540	# 8 530	# 9 520	# 10 510		
Anode Output (Amps)					
# 1 2.7	# 2 2.8	# 3 3.9	# 4 3.1	# 5 2.4	# 6 3.1
# 7 3.5	# 8 3.2	# 9 3.9	# 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 11.6	Amps 10.6	Ohms 1.1			

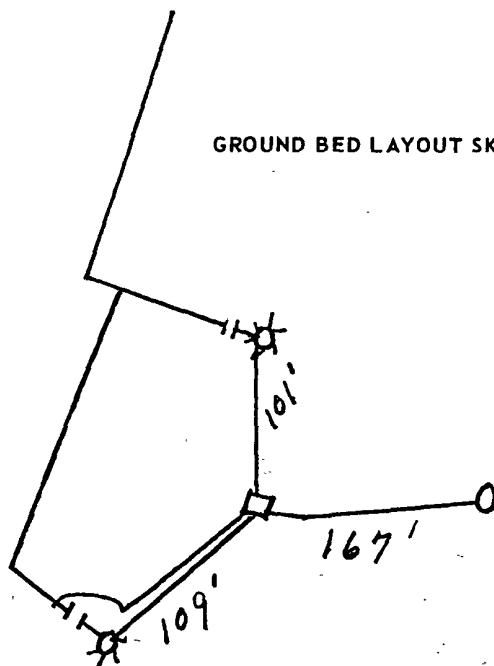
Remarks: Static #36 600' NE = 0.77. Static #80 600' NE = 0.75.

DRILLER SAID MAKING WATER @ 90'. DRILLED TO 220' NEXT A.M. NOW WATER
MAKING WATER @ 590'. Installed 640' of 1" PVC Vent Pipe. Perforated
300' of 1" PVC Vent Pipe. Slurried 92 sacks of coke.
#36 MARKED 3 notches. #80 MARKED 1 notch
Installed 60V 30A Rectifier & Stub Pole

All Construction Completed

WZ Luth
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

7224

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

SAN JUAN 28-5 UNIT # 36

53726.19

SAN JUAN 28-5 UNIT # 80

NE 26-28-5 1133W

54699.19

Static # 36 600 NE 0.77

Static # 80 600 NE 0.75

600 30 A Reduction

Stub Pole

DRILLER SAID MAKING WATER @ 90'

DRILLED TO 200 NEXT AM. NO WATER

MAKING WATER @ 590 NEXT AM. STANDING

PERFORATED 300' of 1" PVC VENT PIPE

INSTALLED 640' of 1" PVC VENT PIPE

SHIPPED 92 SACKS OF COKE

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

400 2.1

70 1.9

2.1

1.3 (5)

10 1.9

80 1.2

1.7

.8

20 1.7

70 1.2

1.9

1.1 (3)

30 1.8

600 1.4

2.1

1.4 (3)

40 2.2

10 1.6

2.2

1.3 (2)

50 1.9

20 1.2

1.5

1.2 (1)

60 1.8

30 .9

1.5

.7

70 1.4

40 1.6

1.2

.5

80 1.4

50 .5

1.9

.5

70 2.0

60 .4

1.9

668 T.D.

500 1.6

70

1.8

.5

10 2.0 (10)

80

2.0

.5

20 1.8 (9)

70

1.5

.5

30 1.5 (8)

695 DRILLED

1.5

700

40 1.4 (7)

.5

1.4

.5

50 1.4 (6)

.5

1.4

.5

60 1.1

.4

.4

① 6.25

1.3

2.7

② 6.15

1.5

2.8

③ 6.05

1.7

3.9

④ 5.95

1.5

3.1

⑤ 5.75

1.5

2.4

⑥ 5.50

1.9

3.1

⑦ 5.40

1.9

3.5

⑧ 5.30

1.8

3.2

⑨ 5.20

2.1

3.9

⑩ 5.10

2.3

3.5

11.6 VOLTS

10.6 AMPS

1.1 OHMS

1133

DAILY DRILLING REPORT

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE		
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.	
		NO. DC		SIZE	LENG.			NO. DC		SIZE	LENG.			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			
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 -					
0-4 Surface						160-180 SANDY SHALE						300-320 Shale					
4-26 Sandy clay						180-200 SAND DRY						320-340 SANDY SHALE					
20-60 SHALE						200-220 SANDY SHALE						340-360 SANDY SHALE					
60-80 SANDY SHALE						220-240 SAND WET						360-380 Shale					
80-90 shale						240-260 SANDY SHALE						380-400 SAND DRY					
90-100 SAND wet						260-280 shale						400-420 SANDY SHALE					
100-120 SANDY SHALE						280-300 SAND DRY						420-440 shale					
120-160 shale												440-455 SANDY SHALE					
												455-470 Shale					
												470-500 SANDY SHALE					
												500-515 SHALE					
												515-530 SANDY SHALE					
												530-560 SHALE					
												560-580 SANDY SHALE					
												580-590 WET SAND (m)					
												590-610 SHALE					
												610-635 SANDY SHALE					
												635-655 SHALE					
												655-675 SANDY SHALE					
												675-695 SHALE					