

73 - 30-039-07788
467 - 30-039-24475

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. 22 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT 73.

SAN JUAN 30-6 UNIT COM #467 cps 280w

Elevation 6635' Completion Date 8/1/80 Total Depth 400' 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. 160'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 3900 lbs.

Depths anodes placed: 350', 340', 330', 320', 310', 300', 290', 245', 235', 220'

Depths vent pipes placed: 390'

Vent pipe perforations: 240'

Remarks: qb #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). ☐

2"X60" DURIION

Completion Date 8-1-80

Well Name S.J. 30-6 #73		Location SW 22-30-07		CPS No. 280W	
Type & Size Bit Used 6 3/4 Rock				Work Order No. 52490-19	
Anode Hole Depth 400 Log 400	Total Drilling Rig Time	Total Lbs. Coke Used 3900	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 350	# 2 340	# 3 330	# 4 320	# 5 310	# 6 300
# 7 290	# 8 245	# 9 235	# 10 220		
Anode Output (Amps)					
# 1 2.8	# 2 3.3	# 3 3.7	# 4 3.3	# 5 3.7	# 6 3.4
# 7 3.3	# 8 3.2	# 9 3.1	# 10 3.2		
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 12.0	Amps 17.4	Ohms .69			

Remarks: UNION GOOD WATER AT 160' DRILLED TO 400' LOGGED 400'-WAITED ON WATER AT 60' NONE AT 140' & 160' got WATER TO TOP OF HOLE NOT ENOUGH TO GET GOOD WATER SAMPLE DRILLED 400' WATER AT 135' NEXT A.M. INST 390' OF VENT PIPE WITH 240' PERF SLURRIED 39 SACKS OF COKE.

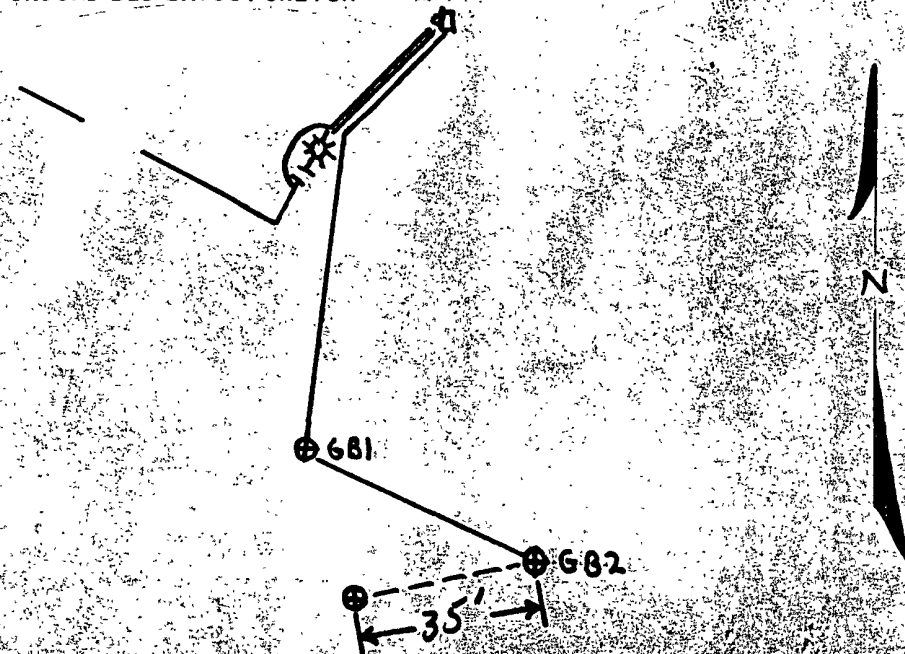
JET BOX
DITCH & CABLE = 35
EXTRA CABLE = 5
HOLE DEPTH = -100

All Construction Completed

Robert J. Behrke
(Signature)

Time	Reg	O.T.
7-31-80	8	
8-1-80	8	2

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

San Juan 30-6 #73

Three C Drilling

2

CP3 280 W

DAILY DRILLING REPORT

LEASE

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

52490-19 DATE July 31

1980

MORNING						DAYLIGHT						EVENING					
Driller Kevin Burg			Total Men In Crew 3			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	140	Sandstone shale			clay water sand												
140	160	water sand															
160	400	shale water sand															

	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. _____
SER. NO. _____	STANDS _____	SERIAL NO. _____	STANDS _____	SERIAL NO. _____	STANDS _____
SIZE <i>6 3/4</i>	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 - Water at 160'. It was making 1/2 gallon a minute. Logged 400.

REMARKS -

REMARKS -

SIGNED: Toolpusher

Kevin Burge

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 7-31-80
By: RLB
File: 280W

SJ. 30-6 #73 SW-22-30-6 280W
W° 52490.19

Time 7-31-80 = 8 RLB
8-1-80 = 10

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	IC ₄ 12.38
58.12	nC ₄ 11.93
72.15	IC ₅ 13.85
72.15	nC ₅ 13.71
86.18	IC ₆ 15.50
86.18	C ₆ 15.57
100.21	IC ₇ 17.2
100.21	C ₇ 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 9.67

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

				WATER AT 160' Drilled to 400' Logged to 400'	
				WATER ON WATER AT 60' none AT 140'	
				#160' got WATER TO TOP OF hole NOT enough to get good WATER sample.	
				WATER AT 135' NEXT AM	
				INST. 390' UCNT 240'	
				PERF 395 Sacks OF coke	
160	5	6	360	1.2 - 1.2	
	1.0	1.1		1.4 1.3	
70	1.2	1.5	70	1.4 - 1.5	
	1.1	1.4		1.7 -	
80	1.2	1.3	80	1.5 -	
	1.2	1.2		1.4	
90	1.1	1.1	90	- 390 BOT OF ANODE	
	1.1	1.2			
200	1.0	1.1	400	- Log 400	
	1.3	1.1			
10	1.3	1.5			
	1.2	1.3			
20	1.2	1.4 - 10			
	1.1	1.1			
30	1.2	1.2			
	1.1	1.3 - 9			
40	1.1	1.1			
	1.1 -	1.2 - 8			
50	1.0	1.1			
	1.0	1.0			
60	1.0	1.0			
	.9	.9			
70	.9	.9			
	.9	.9			
80	1.2 -	.9			
	1.2	1.3			
90	1.2 -	1.2 - 7			
	1.2	1.4			
300	1.3 -	1.3 - 6			
	1.3	1.5			
10	1.4 -	1.4 - 5			
	1.2	1.3			
20	1.2 -	1.3 - 4			
	1.0	1.3			
30	1.2	1.2 - 3			
	1.3 -	1.3			
40	1.2	1.5 - 2			
	1.1 -	1.4			
50	1.0 -	1.2 - 1			
	1.1	1.1			

- ① 350 - 1.3 - 2.8
- ② 340 - 1.5 - 3.3
- ③ 330 - 1.2 - 2.7
- ④ 320 - 1.4 - 3.3
- ⑤ 310 - 1.3 - 3.7
- ⑥ 300 - 1.4 - 3.4
- ⑦ 290 - 1.3 - 3.3
- ⑧ 245 - 1.2 - 3.2
- ⑨ 235 - 1.3 - 3.1
- ⑩ 220 - 1.3 - 3.7

$$12.0 \text{ V } 17.4 \text{ A} = .69 \text{ ohms}$$