

30.039.07738
30.039.24247

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. 31 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #60; #441

cps 145w

Elevation 6856' Completion Date 10/27/78 Total Depth 650' 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. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 2

Type & amount of coke breeze used: 69 SACKS

Depths anodes placed: 615', 600', 585', 570', 555', 540', 525', 510', 495', 480'

Depths vent pipes placed: 650' OF 1" PVC VENT PIPE

Vent pipe perforations: 300'

Remarks: gb #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). ☐

CONTRACT #3

Completion Date 10/27/78

Well Name S.J. 30-6 #60		Location NE 31-30-6		CPS No. 145W	
Type & Size Bit Used 6 3/4"		(2" X 60" DURATION)		Work Order No. 52663-19	
Anode Hole Depth 650-650 T.D.	Total Drilling Rig Time	Total Lbs. Coke Used 69 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 615'	#2 600'	#3 585'	#4 570'	#5 555'	#6 540'
Anode Output (Amps)					
#1 2.6	#2 2.7	#3 3.0	#4 2.4	#5 3.3	#6 2.7
Anode Depth					
#11	#12	#13	#14	#15	#16
Anode Output (Amps)					
#11	#12	#13	#14	#15	#16
Total Circuit Resistance			No. 8 C.P. Cable Used		
Volts 11.4 V	Amps 11.16 A	Ohms 1.02	No. 2 C.P. Cable Used		

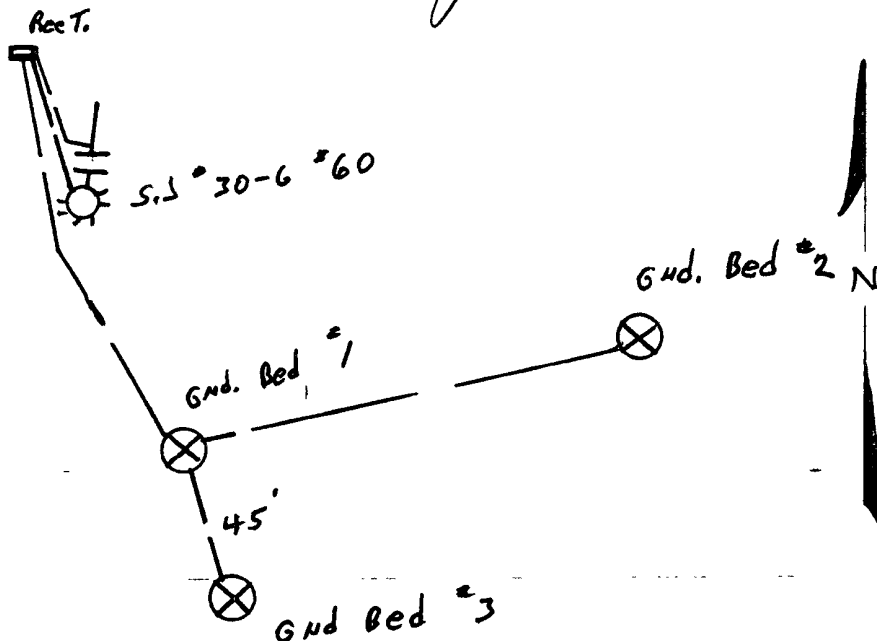
Remarks: Drilled 120' Hole was wet. Next A.M. could not blow water out of hole. Drilled 650'. Did not hit water. Logged 650'. Installed 650' of 1" P.V.C. vent pipe. Perforated 300'.

Ditch + 1 cable = 45'
Hole Depth + 150'

All Construction Completed

(Signature)
JE Lath

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

C.P.S. * 145 W

S.J. 30-6 * 60

NE 31-30-6

W.O. 52663-19

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

300	80 - 1.5 - ⑩
10	90 - 1.7
	90 - 1.6
	1.5 - ⑨
20	500 - 1.9
	1.6
30	10 - 1.5 - ⑧
	1.3
40	20 - 1.8
	1.7 - ⑦
50	30 - 1.3
	1.2
60	40 - 1.2 - ⑥
	1.1
70	50 - 1.3
	1.5 - ⑤
80	60 - 1.5
	1.7
90	70 - 1.8 - ④
	1.5
400 -	80 - 1.2
	1.4 - ③
10 -	90 - 1.7
	1.5
20 -	600 - 1.7 - ②
	2.0
30 - 1.8	10 - 1.6
1.4	1.6 - ①
40 - 1.3	20 - 1.6
.8	1.9
50 - .7	30 - 1.6
.5	40 - 1.4
60 - .5	1.0
.6	1.0
70 - .9	50 - .9
.4	

Drilled 120' Hole was wet.
Next AM, could not blow
water out of Hole. Drilled
650'. Did not hit water.
Logged 650'. Installed
650' of 1" P.V.C. Vent Pipe
per A7 pd 300'.

10/27/78
JL

$$11.4V \quad 11.16A = 1.02A$$

1 - 615 - 1.7 - 2.6
2 - 600 - 1.9 - 2.7
3 - 585 - 1.7 - 3.0
4 - 570 - 1.3 - 2.4
5 - 555 - 2.0 - 3.3
6 - 540 - 1.6 - 2.7
7 - 525 - 1.3 - 2.0
8 - 510 - 1.6 - 2.8
9 - 495 - 1.7 - 2.6
10 - 480 - 1.8 - 2.8

T.D.

LEASE		WELL NO. # 145 W		CONTRACTOR POSEY Drilling		RIG NO.		REPORT NO.		DATE 10/27/1978							
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. 6 3/4		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			
0	10	SURFACE				197	199	SAND (WET)				225	285	SAND (DRY)			
5	30	SAND (Dry)				199	210	SHALE				285	305	SAND (WET)			
30	85	SHALE				210	215	SAND (DRY)				305	330	SHALE			
85	120	SAND (WET)				215	220	SHALE				330	345	SAND (WET)			
120	195	SHALE				220	250	SAND (WET)				345	350	SHALE			
195	197	SANDY SHALE				250	275	SHALE				350	365	SANDY SHALE			
REMARKS -						REMARKS -						REMARKS -					
365 - 390 SAND (DRY)																	
390 - 450 SHALE																	
450 - 475 SAND (DAMP)																	
475 - 580 SHALE																	
580 - 595 SANDY SHALE																	
595 - 650 SHALE																	

SIGNED: Toolpusher

Al Posey

Company Supervisor