

DATA SHEET FOR DEEP BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(SUBMIT 2 COPIES TO OCD AZTEC OFFICE)

PPCO DESIGNATION: FM-327

OPERATOR: PHILLIPS PETROLEUM COMPANY
FARMINGTON, N.M. 87401
(505) 599-3400

LOCATION: M 19 30 5
LEASE NUMBER: 650040

NAME OF WELL/S OR PIPELINE SERVED: (1) SJ 30-5 UNIT #201 FRT
(2) N/A

ELEVATION: NA

TOTAL DEPTH: 500 FT.

COMPLETION DATE: 06/03/90

LAND: FEDERAL

offset to 30-5#6NP
P+A 6-75

CASING INFO.: SIZE: NA IN. TYPE: NA
DEPTH: NA FT. CEMENT USED: NA

IF CEMENT OR BENTONITE PLUGS HAVE BEEN PLACED, SHOW DEPTHS & AMOUNTS:

PLUG DEPTH: NONE

PLUG AMOUNT: NONE

WATER INFORMATION:

WATER DEPTH (FT): (1) 140 (2) -0-

WATER INFORMATION: NA

DEPTHS GAS ENCOUNTERED (FT): NA

TYPE AND AMOUNT OF COKE BREEZE USED:

COKE TYPE: METALLURGICAL COKE BREEZE

COKE AMOUNT: 7450 LBS.

DEPTHS ANODES PLACED (FT):

180, 190, 200, 210, 220, 270, 280, 290, 315, 325

DEPTH VENT PIPE PLACED (FT): 500

VENT PIPE PERFORATIONS (FT): TOP 170 BOTTOM 500

REMARKS: -0-

IF ANY OF THE ABOVE DATA IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOG, WATER ANALYSIS & 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.

NA-INFORMATION NOT AVAILABLE

CC: CP FILE--FARMINGTON
HOUSTON

REPRODUCTION OF "OCD" FORM

DATE

6-3-90

10_____	130 <u>1.1</u>	250 <u>.9</u>	370 <u>.95</u>	490 <u>.85</u>
15_____	135 <u>1.3</u>	255 <u>.8</u>	375 <u>.96</u>	495 <u>.95</u>
20_____	140 <u>1.7</u>	260 <u>.8</u>	380 <u>.80</u>	500 <u>1.0</u>
25_____	145 <u>1.7</u>	265 <u>.9</u>	385 <u>.77</u>	505_____
30_____	150 <u>1.9</u>	270 <u>1.4-5</u>	390 <u>.83</u>	510_____
35_____	155 <u>2.1</u>	275 <u>1.5</u>	395 <u>.83</u>	
40 <u>1.3</u>	160 <u>2.2</u>	280 <u>1.3-4</u>	400 <u>.85</u>	Total Amps <u>12.4</u>
45 <u>1.2</u>	165 <u>2.0</u>	285 <u>1.1</u>	405 <u>.89</u>	Total Volts <u>11.2</u>
50 <u>1.6</u>	170 <u>1.6</u>	290 <u>1.4-3</u>	410 <u>.92</u>	Total Res. <u>1.0</u>
55 <u>2.0</u>	175 <u>1.6</u>	295 <u>.8</u>	415 <u>.94</u>	MAKING GAS!
60 <u>1.3</u>	180 <u>1.7-10</u>	300 <u>.7</u>	420 <u>.94</u>	
65 <u>.7</u>	185 <u>1.6</u>	305 <u>.9</u>	425 <u>.90</u>	
70 <u>.8</u>	190 <u>1.7-9</u>	310 <u>1.1</u>	430 <u>.88</u>	2.4
75 <u>.8</u>	195 <u>2.2</u>	315 <u>1.2-2</u>	435 <u>.85</u>	1.9
80 <u>.5</u>	200 <u>2.0-8</u>	320 <u>1.0</u>	440 <u>.81</u>	2.0
85 <u>.4</u>	205 <u>1.3</u>	325 <u>1.7-1</u>	445 <u>.83</u>	2.2
90 <u>.6</u>	210 <u>1.1-7</u>	330 <u>1.1</u>	450 <u>.93</u>	2.0
95 <u>1.0</u>	215 <u>1.3</u>	335 <u>.9</u>	455 <u>.94</u>	2.4
100 <u>.4</u>	220 <u>1.1-6</u>	340 <u>.92</u>	460 <u>.94</u>	2.8
105 <u>.4</u>	225 <u>1.0</u>	345 <u>.92</u>	465 <u>.94</u>	2.8
110 <u>.4</u>	230 <u>.7</u>	350 <u>.88</u>	470 <u>.91</u>	3.1
115 <u>.4</u>	235 <u>.5</u>	355 <u>.87</u>	475 <u>.88</u>	3.0
120 <u>.4</u>	240 <u>.4</u>	360 <u>.88</u>	480 <u>.82</u>	
125 <u>.3</u>	245 <u>.5</u>	365 <u>.93</u>	485 <u>.84</u>	

SOIL

DRILLING LOG

S.Y. 30-5 #201

(NOTE WHERE WATER IS LOCATED)

10 sand-clay
20 sand-clay
30 sand-shale
40 shale
50 shale
60 sand-shale
70 sand-shale
80 sand-shale
90 "
100 "
110 "
120 "
130 "
140 sand
150 shale
160 "
170 "
180 sand-shale
190 sand-shale
200 sand-shale
210 sand-shale
220 sand-shale
230 sand-shale
240 sand-shale
250 sand-shale
260 "
270 "
280 "
290 "
300 "
310 sand-shale
320 "
330 shale
340 "
350 sand-shale
360 "
370 "
380 "
390 "
400 "
410 sand-shale
420 "
430 "
440 "
450 "
460 "
470 "
480 "
490 "
500 "
510 "
520 "

- water

Cemented Groundbed
from 150' to Surface

EXHIBIT "F"

NORTHWEST PIPELINE CORPORATION PRODUCTION DEPARTMENT CATHODIC PROTECTION CONSTRUCTION REPORT

Well Name: SJ, 30-5 # 201 Location: M-19-30-5 CPS#:
 Rectifier Model: CSA # J.A Rectifier Rating: 36/14 Maximum Tap:
 Hole Size: 6 3/4 Hole TD: 500 Drilg. Time:
 Slushing Used: Mud Used: — Coke Used: 1.4 Ton
 Installation Date: 6-3-90 Water Depth: 140' Final Resistance #1: 1.0
 In Service Date: 6-11-90 Current Demand #1: 8.0 Tap Setting:

Node Outputs (Amps)

#1	2.5	#2	1.9	#3	2.0	#4	2.2	#5	2.0	#6	2.4	#7	2.8	#8	2.8	#9	3.0
				#10	2.0												

Total Circuit

Volts: 12.4 Amps #1: 11.6 Amps #1: Ohms: 1.0

Remarks: Hole WAS MAKING GAS & WATER - HAD to cement

Layout Sketch

NWP Representative

