

9 - 30-039-07307
66- 30-039-07295

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. 29 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #9, #66

cps 730w

Elevation 6571' Completion Date 9/6/77 Total Depth 390' 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: 33 SACKS

Depths anodes placed: 260', 250', 240', 220', 210', 200', 190', 155', 145', 135'

Depths vent pipes placed: 265' OF 1" VENT PIPE

Vent pipe perforations: 240'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON. D"

DIST

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 9-6-77

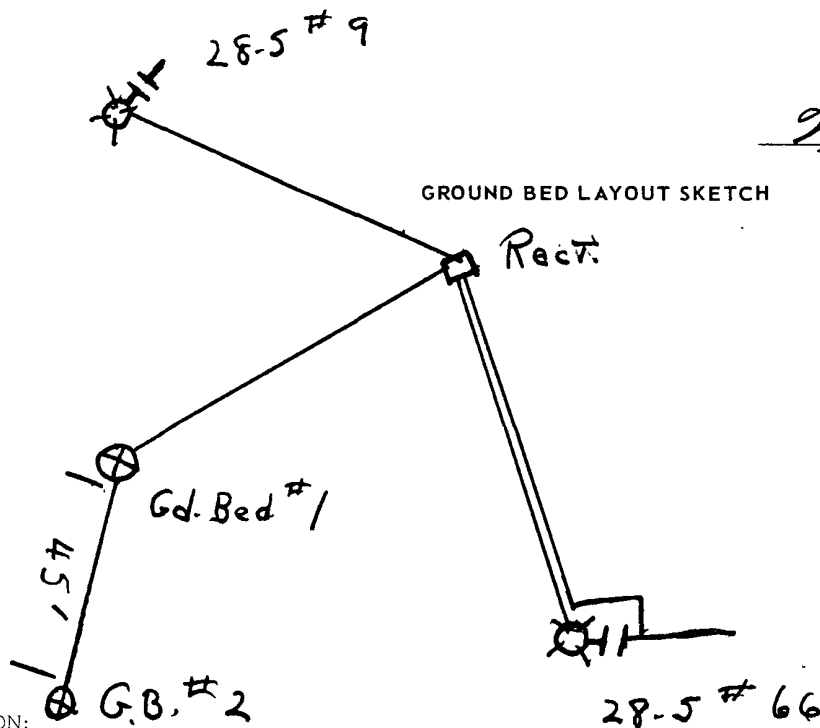
Well Name <u>SJ 28.5 #9</u> <u>SJ 28.5 #66</u>		Location <u>SW 29-28-5</u>		CPS No. <u>730W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>52634.19-50-20</u> <u>184-54295.19-50-2</u>	
Anode Hole Depth <u>390</u> <u>1099ed 385</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>33 Sacks</u>	
Anode Depth		Total Circulation Mat'l Used		No. Sacks Mud Used	
# 1 <u>260</u>	# 2 <u>250</u>	# 3 <u>240</u>	# 4 <u>220</u>	# 5 <u>210</u>	# 6 <u>200</u>
# 7 <u>190</u>	# 8 <u>155</u>	# 9 <u>145</u>	# 10 <u>135</u>		
Anode Output (Amps)					
# 1 <u>3.9</u>	# 2 <u>2.8</u>	# 3 <u>2.9</u>	# 4 <u>3.8</u>	# 5 <u>4.5</u>	# 6 <u>3.6</u>
# 7 <u>2.9</u>	# 8 <u>2.9</u>	# 9 <u>3.5</u>	# 10 <u>4.1</u>		
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		No. 2 C.P. Cable Used	
Volts <u>11.7</u>		Amps <u>13.3</u>		Ohms <u>.88</u>	

Remarks: DRILLER said MAKING WATER 60' TO 80'
INSTALLED 265' 1" VENT PIPE, PERFORATED 240' of VENT PIPE
SURRYED 33 SACKS COKE
5 ANODE BED PLUS 5 additional ANODES

All Construction Completed

Walter Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

Not an
Contract
The

DAILY DRILLING REPORT

LEASE		WELL NO. 730W		CONTRACTOR POSEY		RIG NO.		REPORT NO.		DATE 9/6		1977		
MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			Driller Rob Posey		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. 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					150-160 SANDY SHALE					280-290 SHALE				
4-15 CLAY					160-180 SHALE									
15-40 SAND STONE					180-190 SANDY SHALE									
40-60 SHALE					190-200 SAND STONE									
60-80 SAND WET (MAKING WATER)					200-220 SHALE									
80-100 SHALE					220-240 SANDY SHALE									
100-130 SANDY SHALE					240-260 SHALE									
130-150 SHALE					260-280 SANDY SHALE									

DRILLED
290

LOG 285
TO 287

SIGNED: Toolpusher _____ Company Supervisor _____

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

SAN JUAN 28.5# 9
SAN JUAN 28.5# 66
SW 29- 28.5
CPS 730 W

W/O 184-52634.19-50-20
W/O 184-54295.19-50-20

5 ANODE Bed with
5 ADDITIONAL ANODES

DRILLER Said MAKING WATER
AT 60' TO 80'
Installed 265 1" VENT PIPE
PERFORATED 240 OF VENT PIPE
33 SACKS 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

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

60	1.4	20	2.0
70	1.2	30	1.3 ①
80	.9	40	.8
	.8	50	.9
	1.3	60	1.3
	1.4	70	1.6 ③
90	.8	80	1.2
	.7	90	1.3 ②
100	.6	100	1.6
	1.0		1.9 ①
10	1.8		2.1
	.8		1.8
20	1.4		1.7
	2.3		1.4
30	1.9		logged 285
	1.8 ①		TD 290
40	2.2		
	1.6 ④		
50	1.7		
	1.7 ③		
60	1.0		
	.8		
70	.8		
	.4		
80	1.0		
	1.0		
90	1.4 ①		
	1.6		
200	2.0 ⑥		
	2.2		
10	2.3 ⑤		

11.2 VOLTS
13.3 AMPS
.88 Ohms