

1135

#30 30-839-07000 E

#122 30-039-20388

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. 21 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #30, #122

cps 1747w

Elevation 6570' Completion Date 10/10/84 Total Depth 300' 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. 120'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 275', 265', 255', 210', 200', 190', 170', 160', 150', 140'

Depths vent pipes placed: 297'

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST. 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) ☐

Completion Date: 10/10/84

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Instr. Union Check
1747W	S.J. 27-5 # 30	53547-19-50-20	.78V	☒ Good ☐ Bad
	S.J. 27-5 # 122	54801-19-50-20	.78V	
Location: NE 21-27-5	Anode Size: 2" x 60"	Anode Type: DURATION	Size Bit: 6 3/4"	
Depth Drilled: 300'	Depth Logged: 297'	Drilling Rig Time:	Total Lbs. Coke Used: 3800 LB. Slurried	Lost Circulation Mat'l Used:
Anode Depth:				
# 1 275'	# 2 265'	# 3 255'	# 4 210'	# 5 200'
# 6 190'	# 7 170'	# 8 160'	# 9 150'	# 10 140'
Anode Output (Amps):				
# 1 4.1	# 2 4.8	# 3 4.5	# 4 3.3	# 5 3.3
# 6 3.2	# 7 3.1	# 8 4.2	# 9 4.6	# 10 4.0
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:				
Volts: 12.2V	Amps: 15.5A	Ohms: .8	No. 8 C.P. Cable Used:	No. 2 C.P. Cable Used:

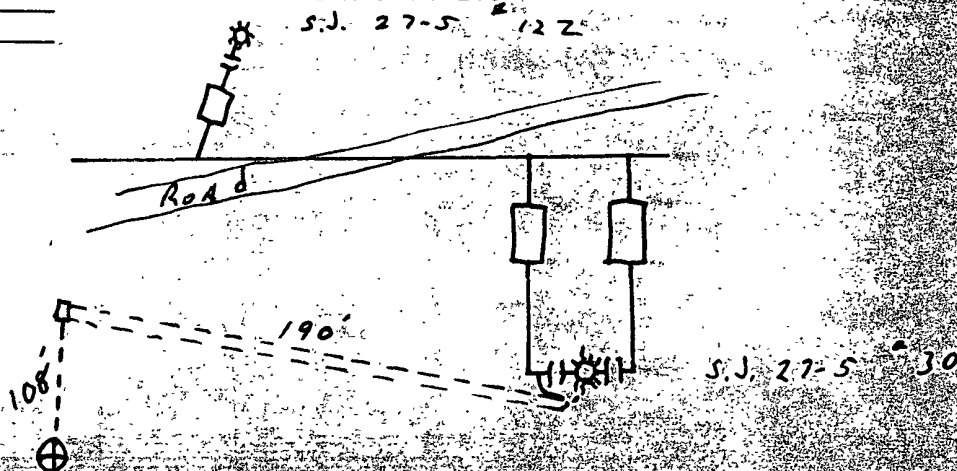
Remarks: Driller said water at 120'. Drilled to 120'. Water standing in hole next A.M. at 115'. Took water sample. Water at 120' approx. 15 gal/min. Drilled through. A better water zone at 130'. Approx 2-5 gal/min. Water sample from 115' would not settle out. Started in J. at 120'. Drilled to 300'. Logged 297'. Installed 297' of 1" P.V.C. vent pipe, perforated 200'.

Rectifier Size: 60 V 30 A ✓
Add'l Depth: —
Depth Credit: 203' ✓
Extra Cable: 210' ✓
Ditch & 1 Cable: 298' ✓
25' Meter Pole: 1 ✓
20' Meter Pole: —
10' Stub Pole: —

All Construction Completed

JE Stottle
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg	O.T.
53547	5	2
54801	5	2

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1747 W WELL NAME: S.J. 27-5 ³⁰122 LOCATION: NE 21-27-5 DATE: 10/10/84
TOTAL VOLTS: 12.2 V TOTAL AMPS: 15.5 A OHMS RESISTANCE: .8

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.5		365			545			1	275'	2.4	4.1
10			190	1.9	+ 6	370			550			2	265	2.5	4.8
15			195	1.9		375			555			3	255	2.4	4.5
20			200	1.7	+ 5	380			560			4	210	2.1	3.3
25			205	1.6		385			565			5	200	1.9	3.3
30			210	1.8	+ 4	390			570			6	190	2.0	3.2
35			215	1.5		395			575			7	170	2.1	3.1
40			220	.7		400			580			8	160	2.6	4.2
45			225	.6		405			585			9	150	3.0	4.6
50			230	1.3		410			590			10	140	2.6	4.0
55			235	1.5		415			595						
60			240	1.5		420			600						
65			245	1.4		425			605						
70			250	1.6		430			610						
75			255	1.9	+ 3	435			615						
80			260	2.1		440			620						
85			265	2.3	+ 2	445			625						
90			270	2.4		450			630						
95			275	2.1	+ 1	455			635						
100			280	1.6		460			640						
105			285	1.2		465			645						
110			290	.7		470			650						
115			295			475			655						
120			300	2.97	TD	480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140	2.5	+ 10	320			500			680						
145	2.6		325			505			685						
150	2.6	+ 9	330			510			690						
155	2.7		335			515			695						
160	2.4	+ 8	340			520			700						
165	2.2		345			525			705						
170	1.7	+ 7	350			530			710						
175	1.5		355			535			715						
180	1.0		360			540			720						

REMARKS: Driller said WATER AT 120', Drilled To 120', WATER STANDING in Hole NEXT A.M. AT 115'. Took WATER SAMPLE. WATER AT 120' Approx. 1 gal./min. Drilled Through A Better WATER Zone AT 130'. Approx. 2-5 gal./min. WATER sample From 112' would NOT settle out. STARTED INJ. AT 120'. Drilled To 300' Logged 2.97'. THIS TALLIED 2.97' of 1" PVC VENT Pipe Perforated 200'.

CPS 1747 W DAILY DRILLING REPORT

LEASE S.T. 27-5 WELL NO. 30,122 CONTRACTOR _____ RIG NO. 101 REPORT NO. _____ DATE Oct 10 1984

MORNING					DAYLIGHT					EVENING				
Driller <u>TERENCE</u> Total Men In Crew <u>THREE</u>					Driller <u>TERENCE</u> Total Men In Crew <u>THREE</u>					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	20	SURFACE			220	240	SANDY SHALE							
20	40	CLAY			240	300	SHALE							
40	140	SAND & SANDSTONE												
140	220	SHALE												

BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____
S. L. NO. _____		STANDS _____	SERIAL NO. _____		STANDS _____	SERIAL NO. _____		STANDS _____
SIZE _____		SINGLES _____	SIZE <u>6 3/4</u>		SINGLES _____	SIZE _____		SINGLES _____
TYPE _____		DOWN ON KELLY _____	TYPE <u>Button</u>		DOWN ON KELLY _____	TYPE _____		DOWN ON KELLY _____
MAKE _____		TOTAL DEPTH _____	MAKE _____		TOTAL DEPTH <u>300'</u>	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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS - <u>DRILLED TO 120'</u> <u>LET HOLE SIT OVER NIGHT</u> <u>WATER STANDING IN HOLE</u> <u>AT 115' THE NEXT MORNING.</u> <u>WENT TO INJECTION</u> <u>DRILLED INTO MORE</u> <u>WATER AT 130' MAKING</u> <u>2.5 GALLONS PER MINUTE.</u>	REMARKS -

SIGNED: Toolpusher

Terence Sargent

Company Supervisor