

1396

69A-30-039-22228

198-30-039-20958

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 24 Twp 27 Rng 6Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #69A, #198

cps 1614w

Elevation 6614' Completion Date 7/16/81 Total Depth 660' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 320' & 470' SAMPLE WOULD NOT SETTLE OUTDepths gas encountered: N/AType & amount of coke breeze used: 8200 lbs.Depths anodes placed: 625', 615', 605', 595', 585', 435', 395', 385', 375', 365'Depths vent pipes placed: 651'Vent pipe perforations: 350'Remarks: g5 #11

RECEIVED
MAY 31 1991
OILCON. 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 7/16/81

Well Name <u>S.J. 28-G UNIT #69 A</u>		Location <u>NW 24-27-6</u>		CPS No. <u>1614 W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>57852-21-50-20</u>		<u>55831-21-50-20</u>	
Anode Hole Depth <u>660' T.O. 651'</u>	Total Drilling Rig Time <u>8,200#</u>	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>625'</u>	# 2 <u>615'</u>	# 3 <u>605'</u>	# 4 <u>595'</u>	# 5 <u>585'</u>
Anode Output (Amps)	# 1 <u>3.4</u>	# 2 <u>3.8</u>	# 3 <u>3.7</u>	# 4 <u>3.6</u>	# 5 <u>3.1</u>
Anode Depth	# 6 <u>435'</u>	# 7 <u>395'</u>	# 8 <u>385'</u>	# 9 <u>375'</u>	# 10 <u>365'</u>
Anode Output (Amps)	# 6 <u>3.6</u>	# 7 <u>3.1</u>	# 8 <u>3.1</u>	# 9 <u>2.7</u>	# 10 <u>3.0</u>
Total Circuit Resistance	Volts <u>12.2</u>		Amps <u>14.8</u>		Ohms <u>.82</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

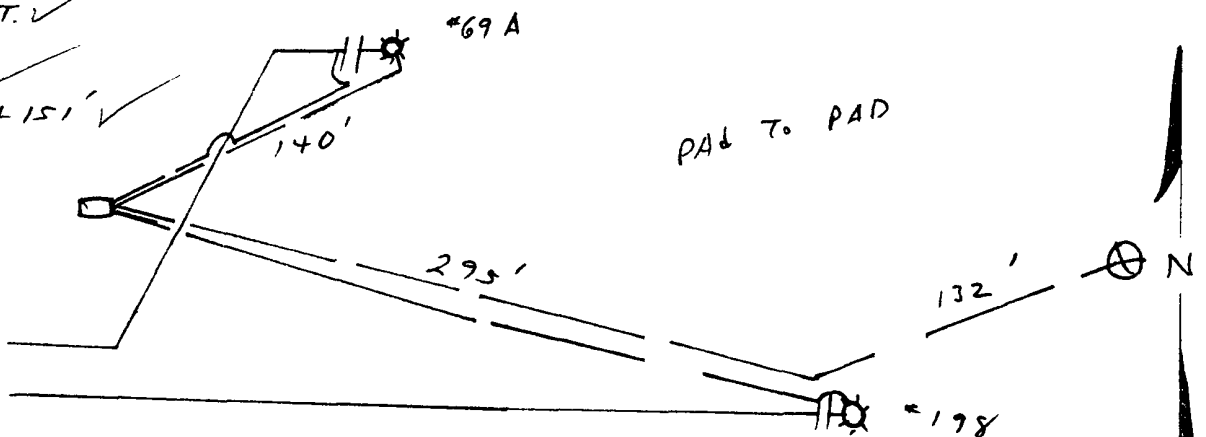
Remarks: STATIC ON S.J. 28-G UNIT #69 600' N.E. = .80V STATIC ON S.J. 28-G 600' N.E. = .76V Driller said WATER AT 320' Approx. 1 gal./min. Drilled To 330' WATER STANDING in Hole next A.M. AT 310' Blew Approx. 4 gal. of WATER + mud T. Top of Hole. WATER sample would NOT settle out. Hit more WATER AT 470' Approx. 10 gal./min. Drilled To 660' Logged 651' INSTALLED 651' of 1" P.V.C. Vent pipe. Perforated 350'. COKE Breeze was HANKED in BULK. EST. 8200 LB. COKE in Hole.

All Construction Completed

JE Stallo
(Signature)

Ditch + 1 cable = 567' ✓
extra cable = 400' ✓
60V 30A Rect. ✓
Stub Pole ✓
Hole Depth + 151' ✓

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
P.L. - Originator File

Hrs.	Reg.	O.T.
8	3	

466.14

S.J. 28-6 UNIT 69A

CPS. 1614 W

MO. - 57852-21-50-20

S.J. 28-6 UNIT 198

NW 24-27-6

55831-21-50-20

MW gals/mol

16.04 C₁ 6.430.07 C₂ 10.1244.10 C₃ 10.4258.12 iC₄ 12.3858.12 nC₄ 11.9372.15 iC₅ 13.8572.15 nC₅ 13.7186.18 iC₆ 15.5086.18 nC₆ 15.57100.21 iC₇ 17.2100.21 nC₇ 17.46114.23 iC₈ 19.3928.05 C₂ 9.6442.08 C₃ 9.67

MW MISC gals/mol

32.00 O₂ 3.3728.01 CO₂ 4.1944.01 CO₂ 6.3864.06 SO₂ 5.5034.08 H₂S 5.1728.01 N₂ 4.162.02 H₂ 3.38

320-	500-	.6	Driller said water 320' approx
		.6	1 gal/min. Drilled to 330' water
30-	10-	.6	standing in hole next AM. AT
		.11	310. Blew approx 4 gal of water
40-	20-	.11	and mud out top of hole. water
		.11	sample would not settle out
50-	30-	.6	hit more water at 470' approx.
		.6	10 gal/min. Drilled to 660'
60-	40-	.7	logged 651' installed 651' of
		.9	1" PVC vent pipe per 50' of
70-	50-	.9	350'
		.8	
80-	60-	.5	
		.6	
90-	70-	.9	12.2V. 14.8 A. = 82 - Ω
		1.2	7/16/81
100-	80-	.9	
		1.2 - ⑤	
110-	90-	1.5	
		1.4 - ⑥	1-625-1.8-3.4
120-	100-	1.6	2-615-1.8-3.8
		1.3 - ③	3-605-1.6-3.7
130-	110-	1.7	4-595-1.8-3.6
		1.5 - ④	5-585-1.6-3.1
140-	120-	1.3	6-435-2.0-3.6
		1.5 - ①	7-395-1.6-3.1
150-	130-	1.5	8-385-1.7-3.1
		1.5	9-375-1.5-2.7
160-	140-	1.6	10-365-1.7-3.0
		1.6	
170-	150-	651 T.D.	
180-	160-	Drilled	
190-	170-		
200-	180-		

LEASE SJ 28-6 #69A WELL NO. SJ 28-6 #198 CONTRACTOR CPS 1614W RIG NO. 2 REPORT NO. 1614W DATE July 16 19 81

MORNING					DAYLIGHT					EVENING				
Driller					Driller					Driller				
Total Men In Crew					Total Men In Crew					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.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
S AL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS
SIZE		SINGLES		TYPE		SINGLES		TYPE		SINGLES		TYPE		SINGLES
TYPE		DOWN ON KELLY		MAKE		DOWN ON KELLY		MAKE		DOWN ON KELLY		MAKE		DOWN ON KELLY
MAKE		TOTAL DEPTH		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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	150	Sandy Shale	320	380	Sandy Shale			
150	180	Sandy Shale	380	390	Shale			
180	230	Sandy Shale	390	520	Sandy Shale			
230	270	Shale	520	600	Sandy Shale			
270	290	Sandy Shale	600	660	Shale			
290	320	Shale						

REMARKS -			REMARKS -			REMARKS -		
Water 330 1/2 Gallon Mine								
Water 470 10 1/2 Gallon Mine								
Drilled 660 TD 651								

SIGNED: Toolpusher

Steve Story

Company Supervisor