

1129

#50 30-039-06996 ^E

#138 30-039-20463

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. 19 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #50, #138

cps 1752w

Elevation 6412' Completion Date 11/1/84 Total Depth 360' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf 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. 80', 120', 180'Depths gas encountered: N/AType & amount of coke breeze used: 4450 lbs.Depths anodes placed: 315', 295', 255', 245', 235', 225', 205', 190', 135', 125'Depths vent pipes placed: 348'Vent pipe perforations: 280'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 11/1/84

CPS #	Well Name, Line or Plant	Work Order #	Static:	Ins Union Check
1752 W	S.J. 27-5 #50 S.J. 27-5 #138	53956-19-50-20 54974-19-50-20	.27V .23V	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NE 19-27-5	2' x 60"	Dupion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
360'	348'		Supplied 4450 LB	
Anode Depth				
# 1 315	# 2 295	# 3 255	# 4 245	# 5 235
# 6 225	# 7 205	# 8 190	# 9 135	# 10 125
Anode Output (Amps)				
# 1 3.1	# 2 2.8	# 3 3.4	# 4 2.8	# 5 3.2
# 6 3.0	# 7 3.4	# 8 3.0	# 9 3.3	# 10 4.2
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			No. 8 C.P. Cable Used	
Volts 12.0	Amps 17.6	Ohms .68	No. 2 C.P. Cable Used	

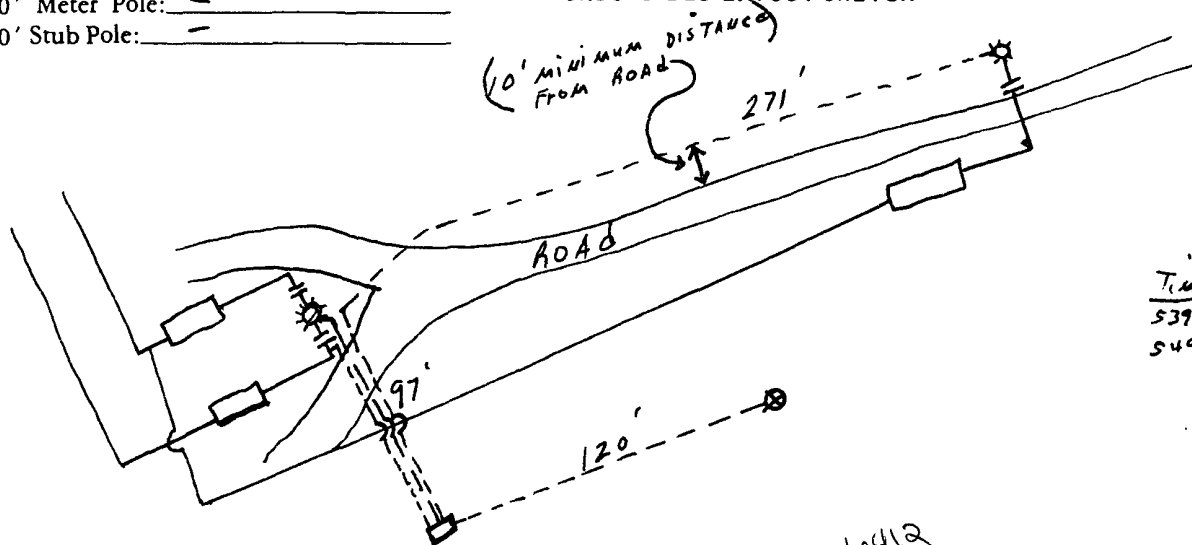
Remarks: Drilled To 80' & Hit Moisture. Two Days Later could not blow water out of the Hole. Started IMJ. Drilled To 120'. Blew Hole Dry and weighted 10 min. Blew 5 to 10 gal. of water out of the Hole. EST. Hole to be making 1-2 gal./min. Drilled To 360'. Hit more water at 180'. Approx 30 gal./min. Logged 348'. Water standing at 120' when we came out of the Hole. Installed 348' of 1" P.V.C. Vent pipe Perforated 280'.

Rectifier Size: 60 V 30 A ✓
 Addn'l Depth: _____
 Depth Credit: 152 ✓
 Extra Cable: 224' ✓
 Ditch & 1 Cable: 488' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

(Signature)
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg.	O.T.	N
53956	8	2	
54974	8	2	

6412

CONSTRUCTION LOGGING READINGS

CPS #: 1752 W WELL NAME: S.J. 27-5 #50

LOCATION: NE 19-27-5 DATE: 11/1/84

TOTAL VOLTS: 12.0 TOTAL AMPS: 17.6

OHMS RESISTANCE: 68

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	No.		ANODE	No.			COKE	COKE
5			185	1.1		365			545			1	315	2.0	3.1
10			190	1.3	8	370			550			2	295	1.5	2.8
15			195	1.2	8	375			555			3	255	1.7	3.4
20			200	1.2		380			560			4	245	1.4	2.8
25			205	1.5	7	385			565			5	235	1.7	3.2
30			210	1.3		390			570			6	225	1.6	3.0
35			215	.6		395			575			7	205	1.9	3.4
40			220	.4		400			580			8	195	1.6	3.0
45			225	1.2	6	405			585			9	135	2.1	3.3
50			230	1.3		410			590			10	125	2.6	4.2
55			235	1.4	5	415			595						
60			240	1.0		420			600						
65			245	1.2	4	425			605						
70			250	1.3		430			610						
75			255	1.2	3	435			615						
80			260	1.0		440			620						
85			265	.9		445			625						
90			270	.8		450			630						
95			275	.7		455			635						
100			280	.6		460			640						
105			285	.6		465			645						
110			290	.7		470			650						
115			295	1.3	2	475			655						
120	1.5		300	.9		480			660						
125	1.7	10	305	.8		485			665						
130	1.6		310	1.2		490			670						
135	1.4	9	315	1.5	1	495			675						
140	1.3		320	.3		500			680						
145	1.1		325	.2		505			685						
150	1.1		330	.2		510			690						
155	1.2		335	.2		515			695						
160	1.1		340	.2		520			700						
165	.4		345	348	T.D.	525			705						
170	.2		350			530			710						
175	.8		355			535			715						
180	1.2		360			540			720						

REMARKS: Drilled To 80' & Hit moisture. Two days later, could not blow water out of the hole. Started INS. Drilled To 120'. Blew hole dry and weighted 10 min. Blew 5 to 10 gal of water out of the hole. Estimate hole to be making 1-2 gal/min. Drilled To 260'. Hit more water at 180'. Approx 30 gal/min. Logged 348'. Water at 120' when we came out of the hole. Installed 348' of 1" P.V.C. vent pipe perforated 280'.

DAILY DRILLING REPORT

1752 W CR

WELL NO

CONTRACTOR

Excursion Control

RIG NO. #1

REPORT NO.

DATE

11-1-84 19

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.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.					
0	80	Clay - sandstone, sand			160	175	sand-water	50 gpm		260	270	sandstone			260	270	sandstone			260	270	sandstone							
80	110	water - 1-2 gpm			175	210	shale			270	305	shale			305	315	shale			315	340	shale							
110	120	shale			210	280	sand - shale			305	315	shale			315	340	shale			340	360	shale							
120	160	shale - bentonite			280	260	shale - bentonite			315	340	shale - bentonite			340	360	shale - bentonite			360	360	shale - bentonite							
NO. DC					NO. DC					NO. DC					NO. DC					NO. DC					NO. DC				
SIZE					SIZE					SIZE					SIZE					SIZE					SIZE				
LENG.					LENG.					LENG.					LENG.					LENG.					LENG.				
BIT NO.					BIT NO.					BIT NO.					BIT NO.					BIT NO.					BIT NO.				
NO. DC					NO. DC					NO. DC					NO. DC					NO. DC					NO. DC				
SIZE					SIZE					SIZE					SIZE					SIZE					SIZE				
STANDS					STANDS					STANDS					STANDS					STANDS					STANDS				
SINGLES					SINGLES					SINGLES					SINGLES					SINGLES					SINGLES				
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY				
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				
MAKE					MAKE					MAKE					MAKE					MAKE					MAKE				
MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD					MUD RECORD				
WT.					WT.					WT.					WT.					WT.					WT.				
Vis.					Vis.					Vis.					Vis.					Vis.					Vis.				
TIME					TIME					TIME					TIME					TIME					TIME				
FROM					FROM					FROM					FROM					FROM					FROM				
TO					TO					TO					TO					TO					TO				
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN				

REMARKS -

70 feet to drill until at 180'

REMARKS -

2 days couldn't blow out enough water for sub-pse drilled to 120' depth and the hole got 10 gallons of mud water at 140', 30 gpm approx. Cause out of hole water level down by about 120' total depth 360' log depth 348'

SIGNED: Toolpusher

Brian E. Surge

Company Supervisor