

1151

#13 30-039-06926

#164 30-039-20621

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. 30 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #13, #164

cps 1763w

Elevation 6590' Completion Date 10/3/85 Total Depth 400' 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. 130' - 140' & 200' - 220'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 380', 365', 345', 325', 305', 285', 265', 245', 220', 200'Depths vent pipes placed: N/AVent pipe perforations: N/ARemarks: gb #1**RECEIVED**

MAY 31 1991

**OIL CON. DI
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 10/3/85

CPS #		Well Name, Line or Plant		Work Order #		Static		Ins Union Check	
1763W		27-5 13		52732		.75		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
NE 30-27-5		2" x 60"		DURIRON		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs Coke Used		Lost Circulation Mat'l Used	
400'		400'							
Anode Depth									
# 1	380	# 2	365	# 3	345	# 4	325	# 5	305
# 6	285	# 7	265	# 8	245	# 9	220	# 10	200
Anode Output (Amps)									
# 1	2.0	# 2	3.3	# 3	2.7	# 4	4.3	# 5	5.0
# 6	2.9	# 7	3.2	# 8	3.3	# 9	4.9	# 10	2.0
Anode Depth									
# 11	180	# 12		# 13		# 14		# 15	
# 16		# 17		# 18		# 19		# 20	
Anode Output (Amps)									
# 11	4.5	# 12		# 13		# 14		# 15	
# 16		# 17		# 18		# 19		# 20	
Total Circuit Resistance									
Volts 12.7		Amps 18.5		Ohms .68		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: Water sand at 130'-140' & 200'-220'. Had to start injecting at 100' to drill dry sand. No water sample. Rejected #1 anode. It would not respond to cure. Ran #11 to replace #1

Rectifier Size: 60 V 30 A
 Addn'l Depth: _____
 Depth Credit: -100' x 3.00
 Extra Cable: 170' x .37 = 62.90
 Ditch & 1 Cable: 190' x 1.35 = 256.50
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____

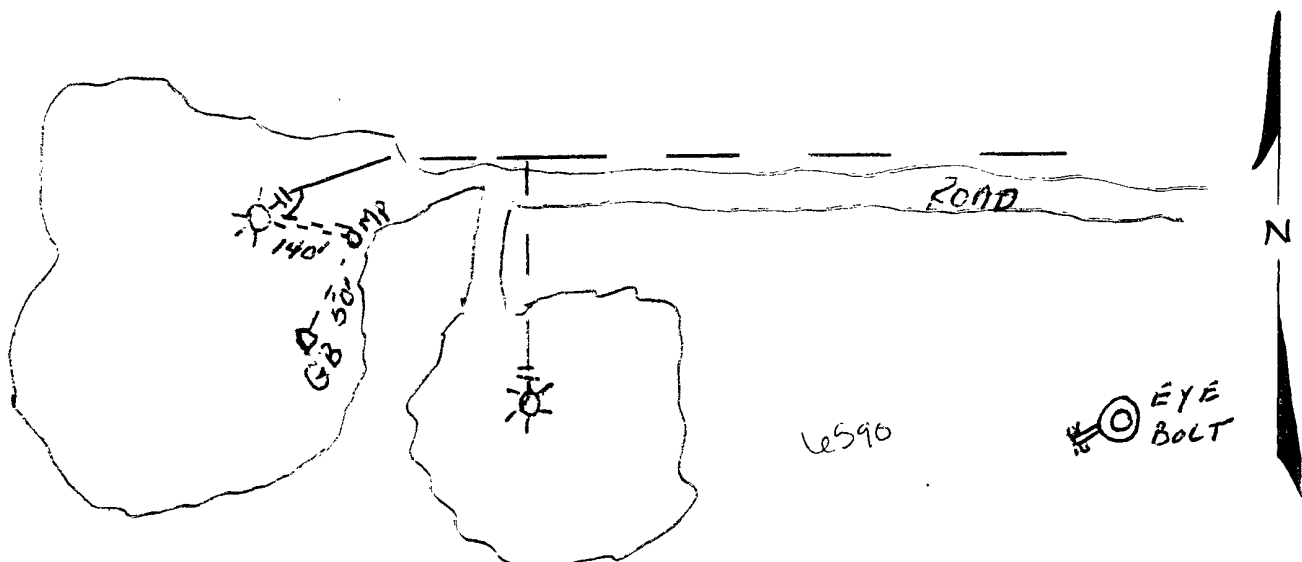
All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 300.00
 62.90
 256.50
 550.00
 1150.00
 300.00

 \$6759.40



CPS #: 1763 W WELL NAME: 27-5 #13 LOCATION: NE 30-27-5 DATE: 10/3/85
 TOTAL VOLTS: 12.7 TOTAL AMPS: 18.5 OHMS RESISTANCE: 68

												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	1.2		365	2.1	2	545			1	380	2.3	2.0
10			190	1.1		370	2.1		550			2	365	2.2	3.3
15			195	1.1		375	2.0		555			3	345	1.3	2.7
20			200	1.0	10	380	2.3	1	560			4	325	2.1	4.3
25			205	1.3		385	1.7		565			5	305	1.9	5.0
30			210	1.4		390	1.4		570			6	285	1.4	2.9
35			215	1.5		395	1.4		575			7	265	1.3	3.2
40			220	1.5	9	400			580			8	245	1.3	3.3
45			225	1.1		405			585			9	220	1.9	4.9
50			230	1.0		410			590			10	200	1.2	2.4
55			235	.5		415			595			11	180	2.3	4.5
60			240	1.4		420			600						
65			245	.8	8	425			605						
70			250	1.2		430			610						
75			255	1.3		435			615						
80			260	1.0		440			620						
85			265	1.2	7	445			625						
90			270	1.4		450			630						
95			275	1.6		455			635						
100			280	1.3		460			640						
105			285	1.4	6	465			645						
110			290	1.1		470			650						
115			295	1.2		475			655						
120			300	1.4		480			660						
125			305	1.4	5	485			665						
130			310	1.7		490			670						
135			315	1.5		495			675						
140			320	1.7		500			680						
145			325	1.7	4	505			685						
150	.5		330	1.5		510			690						
155	.8		335	1.7	1	515			695						
160	.6		340	1.2		520			700						
165	1.2		345	1.3	3	525			705						
170	1.4		350	1.1	5	530			710						
175	1.5		355	1.2		535			715						
180	1.5	11	360	1.9		540			720						

REMARKS:

DAILY DRILLING REPORT

LEASE SE 0193 D1 WELL NO. 13 CONTRACTOR W. J. C. Co RIG NO. 210-1 REPORT NO. 7 DATE 10-5-1981

MORNING

DAYLIGHT

EVENING

Driller				Total Man In Crew				Driller				Total Man In Crew				Driller				Total Man In Crew							
FROM	TO	FORMATION	WT. BIT	TRIP IN	WT. BIT	TRIP IN	FORMATION	WT. BIT	TRIP IN	WT. BIT	TRIP IN	FORMATION	WT. BIT	TRIP IN	WT. BIT	TRIP IN	FORMATION	WT. BIT	TRIP IN	WT. BIT	TRIP IN						
0	40	4 1/2" Drill			270	400	Shale																				
40	50	6 1/2" Drill																									
50	100	6 1/2" Drill																									
100	170	6 1/2" Drill																									
NO. DC				SIZE				NO. DC				SIZE				NO. DC				SIZE							
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.					Time	WT.	Vis.				
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN							

REMARKS - 225, 217 Wt at 110 &

REMARKS -

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SIGNED: Toolpusher

Company Supervisor