

103-30-039-20525

409-
490-30-039-24868

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. 25 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #103, #409

cps 890w

Elevation 6649' Completion Date 7/3/73 Total Depth 500' 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. 130'

Depths gas encountered: N/A

Type & amount of coke breeze used: 7100 lbs.

Depths anodes placed: 465', 455', 445', 435', 410', 370', 360', 350', 340', 330', 26
25

Depths vent pipes placed: N/A

Vent pipe perforations: 340'

Remarks: qb. #1

RECEIVED

MAY 31 1991

OIL CON

DIS

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

Thermo

Let's go

-Drilling Log (Attach Hereto). ☐

Completion Date 7-3-73

W.C. # <u>5J. 30-6 #103</u>				Location <u>NE 25-30-6</u>				CPS No. <u>890 W</u>			
Type & Size Bit Used <u>6 3/4</u>								Work Order No. <u>51925</u>			
Annular Hole Depth <u>500</u>		Total Drilling Rig Time <u>7,100</u>		Total Lbs. Coke Used <u>7,100</u>		Lost Circulation Mat'l Used		No. Sacks Mud Used <u>55209</u>			
Annular Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
<u>465</u>	<u>455</u>	<u>445</u>	<u>435</u>	<u>410</u>	<u>370</u>	<u>360</u>	<u>350</u>	<u>340</u>	<u>330</u>		
Annular Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
<u>2.5</u>	<u>3.3</u>	<u>3.1</u>	<u>2.5</u>	<u>2.4</u>	<u>3.4</u>	<u>2.9</u>	<u>3.2</u>	<u>3.1</u>	<u>3.8</u>		
Annular Depth	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	
<u>265</u>	<u>255</u>										
Annular Output (Amps)	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	
<u>3.6</u>	<u>3.2</u>										
Total Circuit Resistance				No. 8 C.P. Cable Used				No. 2 C.P. Cable Used			
Volts <u>12.2</u>		Amps <u>15.0</u>		Ohms <u>0.8</u>							

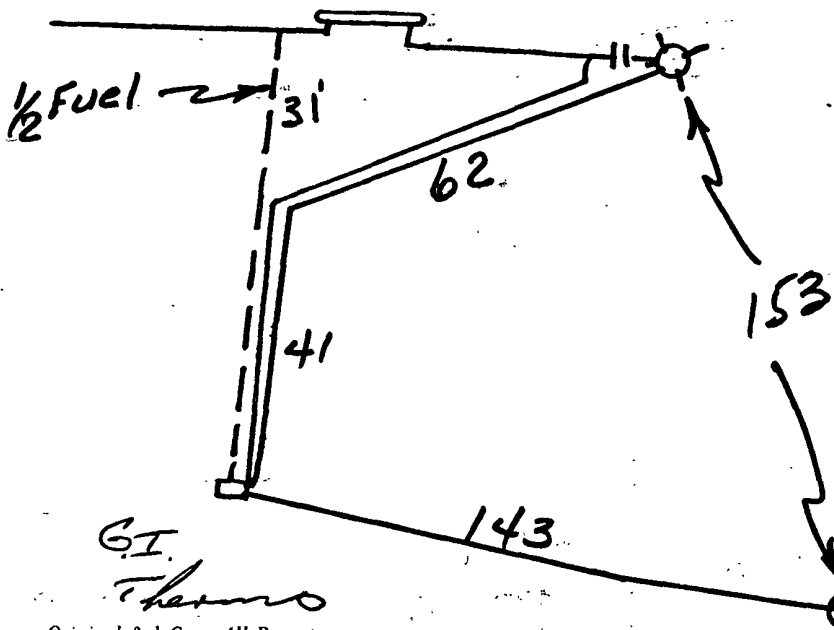
Remarks: Driller Said Wet at 185' - Water Standing at 18
Fill Hole With Water Day Before -
Vent Perforated 340'
Pump 50 slurry 21 Total 71

Note Static 600' N = .88

All Construction Completed

Arrels
(Signature)

GROUND BED LAYOUT SKETCH



2230.00 Base
 539.60 Coke
 69.80 Cable
 10.00
 170.00 Expanded

3009.40

-15.00 Day Credit

2994.40

119.78 Total

3114.18

G.I.
Thermo

Original & 1 Copy All Reports

CPS 890W 5J.30-6 #103 - Thermo Unit Static 600K = .88

MW	gas/mol
16	C ₂ 6.4
30	C ₃ 9.56
44	C ₄ 10.42
58	C ₅ 12.38
72	NCA 13.93
86	NCA 15.71
100	CA 15.57
114	CA 17.2
128	CA 17.46
142	CA 18.38
156	CA 19.54
170	CA 20.87

MW	MBC	gas/mol
44	CO ₂	6.38
34	H ₂ O	5.13
28	N ₂	4.10
2	H ₂	1.38

1	10			90	1.0	70	1.4	7-2-73 wtr at 185'		
					8		1.4	Drill with air to TD		
	20			300	.6	80	1.9	Driller said wet at 130'		
					6		1.5	Vent perf. 340		
	30	8		10	7	90	1.2	Pump 50 - slurry 19		
		3			1.5		1.2	out of coke - add 3 sec		
	40	3		20	1.5	500	1.1	Total 71		
		9			2.2			Fill with water 7-1-73		
	50	1.2		30	2.1					
		9			1.7					
	60	6		40	1.7					
		4			1.7					
	70	4		50	1.8					
		5			1.8					
	80	6		60	1.5	1	465	1.6	1.7	2.5
		6			1.9	2	455	1.6	2.2	3.3
	90	1.2		70	1.8	3	445	1.7	1.9	3.1
		1.9			1.7	4	435	1.6	1.5	2.5
	200	2.1		80	1.5	5	410	1.6	1.5	2.4
		1.9			1.1	6	370	1.9	2.1	3.4
	10	1.6		90	1.1	7	360	1.5	1.8	2.9
		1.3			1.2	8	350	1.8	1.9	3.2
	20	1.3		400	1.0	9	340	1.7	1.8	3.1
		6			1.0	10	330	2.1	2.5	3.8
	30	3		10	1.6	11	265	1.9	2.3	3.6
		4			1.2	12	255	1.9	2.2	3.2
	40	5		20	1.2	12.2V 15.0A = 1.80				
		1.1			1.2					
	50	1.8		30	1.4					
		1.9			1.6					
	60	2.1		40	1.7					
		1.9			1.7					
	70	1.4		50	1.9					
		1.5			1.6					
	80	1.4		60	1.4					
		1.1			1.6					

DAILY DRILLING REPORT

O.P.S. # 89a W

LEASE 5, J, 30-6 WELL NO. 103 CONTRACTOR *Morgan* RIG NO. REPORT NO. DATE 7-2-1923

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.			
0	11a	As Salt			180	190	Salt (water)			240	260	Salt					
11a	13a	Wd Salt (water)			190	230	Salt			410	430	Salt					
13a	16a	Salt			230	260	Salt			430	460	Salt					
16a	18a	Salt			260	340	Salt			460	500	Salt					
BIT NO. 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 RECORD					MUD RECORD							
MUD, ADDITIVES USED AND RECEIVED					MUD, ADDITIVES USED AND RECEIVED					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 -							

SIGNED: Toolpusher *Paul Morgan*

Company Supervisor