

1195

30-039-23965

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit F Sec. 13 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #29A

cps 1893w

Elevation 6248' Completion Date 7/21/87 Total Depth 480' Land Type* N/A

Casing, Sizes, Types & Depths 140' OF 8" CASING

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. 200' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 370', 360', 350', 340', 330', 320', 310', 300', 205'

Depths vent pipes placed: N/A

Vent pipe perforations: 300'

Remarks: (gb #1)

RECEIVED
MAY 31 1991
OIL CON. DIV. 1
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 LOGComp
7-22-87Drilling Log (Attach Hereto) ☐

meter 95-70301

Completion Date 7-21-87

CPS #	Well Name, Line or Plant:	Work Order #	Status	Ins. Union Check
1893w	S.J. 29-7 #29A		.825	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
F13-29-7	2" x 60"	Duriron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
480'	475	10		
Anode Depth				
#1 370	#2 360	#3 350	#4 340	#5 330
#6 320	#7 310	#8 300	#9 215	#10 205
Anode Output (Amps)				
#1 3.4	#2 3.5	#3 4.3	#4 4.4	#5 4.4
#6 4.5	#7 4.2	#8 3.8	#9 4.2	#10 3.5
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	No. 2 C.P. Cable Used
Volts 12.4	Amps 17.2	Ohms .72		

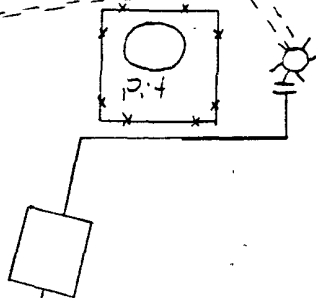
Remarks: Set (40) feet of casing (2 hrs. time) ^{R.V.C.}
 Miller said water table below casing is
 at 200'. No water sample was taken. Vent
 pipe perforated to 180'

Rectifier Size: 40 V 16 A 4300.00 ✓
 Addn'l Depth 750.00 ✓
 Depth Credit: 25 -100.00 ✓
 Extra Cable: 30 7.50 ✓
 Ditch & 1 Cable: 100' 39.00 ✓
 Ditch & 2 Cable: 179 93.08 ✓
 25' Meter Pole:
 20' Meter Pole: 295.00 ✓
 10' Stub Pole:
 Junction Box: 40.00 ✓

All Construction Completed

Randy Smith
 (Signature)

Casing 5424.58
 3080.00 M.P.O. = 179'
 8504.58
 Tx 420.23
 8824.81



6248

Brian

CPS 189340

WELL NAME: SAN JUAN Unit 29-7	WELL NUMBER: # 29 A	SECTION: 13	TOWNSHIP: 29N	RANGE: 7W RA CO
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'HOLE MADE:

[illegible]

REMARKS: LOST FIRST HOLE DUE TO CAVE IN.
set 140' PVC 8" casing
setting time 2 hrs. Water is at approx 200'

Tool Dresser

5						230	. 8					455	. 6					680	① 3 7 0 2 . 0 3 5
10						235	. 7					460	. 6					685	⑤ 3 6 0 2 1 3 5
15						240	1. 1					465	. 6					690	③ 3 5 0 2 3 4 3
20						245	. 9					470	. 4 7 0 4 7 5					695	④ 3 4 0 2 1 4 4
25						250	. 7					475						700	⑤ 3 3 0 2 5 4 4
30						255	. 8					480						705	⑥ 3 2 0 2 4 4 5
35						260	1. 0					485						710	⑦ 3 1 0 2 4 4 5
40						265	. 8					490						715	⑧ 3 0 0 2 0 3 5
45						270	. 7					495						720	⑨ 2 1 5 2 5 4 5
50						275	. 6					500						725	⑩ 2 0 5 2 1 3 5
55						280	. 7					505						730	
60						285	. 7					510						735	
65						290	. 8					515						740	
70						295	1. 0					520						745	
75						300	1. 7 ✓ ⑤					525						750	
80						305	2 1					530						755	
85						310	2. 0 ✓ ⑦					535						760	
90						315	2 1					540						765	
95						320	2. 1 ✓ ⑩					545						770	
100						325	1. 7					550						775	
105						330	2. 2 - ⑤					555						780	
110						335	2. 1					560						785	
115						340	1. 9 ✓ ④					565						790	
120						345	1. 8					570						795	
125						350	2. 1 - ③					575						800	
130						355	1. 7					580						805	
135						360	1. 8 - ②					585						810	
140						365	1. 8					590						815	
145						370	1. 7 - ①					595						820	
150						375	1. 3					600						825	
155						380	1. 0					605						830	
160						385	1. 1					610						835	
165						390	1. 0					615						840	
170						395	. 7					620						845	
175						400	. 7					625						850	
180						405	. 8					630						855	
185						410	1. 2					635						860	
190						415	1. 0					640						865	
195						420	. 6					645						870	
200	. 9					425	. 8					650						875	
205	1. 8 - ⑩					430	. 8					655						880	
210	1. 9					435	. 7					660						885	
215	2. 1 - ⑦					440	. 7					665						890	
220	1. 2					445	. 7					670						895	
225	1. 7					450	. 6					675						900	



CPS 1893W

API WATER ANALYSIS REPORT FORM

Company <u>Moravian Oil Co.</u>		Sample No. <u>2</u>	Date Sampled <u>6-15-87</u>
Field <u>Hibernator</u>	Legal Description <u>E-13-21-07</u>	County or Parish <u>Rio Arriba</u>	State <u>N.M.</u>
Lease or Unit	Well <u>San Juan 29-7 H-29A</u>	Depth <u>500</u>	Formation <u>Ground bed</u>
Type of Water (<u>Produced</u> , Supply, etc.)	Sampling Point <u>180'</u>	Sampled By <u>Landy Smith</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	1260	54.9
Calcium, Ca	186	9.3
Magnesium, Mg	31	2.6
Barium, Ba		

ANIONS

Chloride, Cl	76.6	2.2
Sulfate, SO ₄	2060	42.0
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	1380	22.6
<u>hydroxide</u>	0	0

Total Dissolved Solids (calc.) 5000

Iron, Fe (total) 0
Sulfide, as H₂S 0

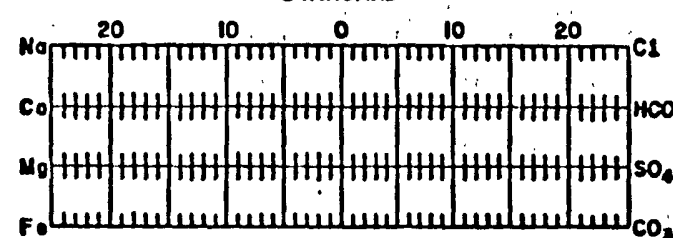
REMARKS & RECOMMENDATIONS:

OTHER PROPERTIES

pH	7.43
Specific Gravity, 60/60 F.	1.0027
Resistivity (ohm-meters) <u>68° F.</u>	651

WATER PATTERNS — me/l

STANDARD



LOGARITHMIC

