

#3 30-045-07957
#6 30-045-20460³⁸⁹⁶
#720 30-045-27217

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 0 Sec. 22 Twp 29 Rng 9

Name of Well/Wells or Pipeline Serviced GRAMBLING #3, #6, #720
cps 1948w

Elevation 5665' Completion Date 5/17/88 Total Depth 400' 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. 220'

Depths gas encountered: 220'

Type & amount of coke breeze used: N/A

Depths anodes placed: 310', 300', 290', 280', 270', 260', 250', 240', 230', 220'

Depths vent pipes placed: 363'

Vent pipe perforations: 200'

*Remarks: gb #1

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.

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST. 3

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☒Completion Date 5/17/68

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check:
1948V	<u>Grambling</u> #720	2047922A	600' S	☒ Good ☐ Bad
	" #3 47922A	2052263A	600' S	
	" #6 52263A		600' S	
Location: <u>SN 0</u>	Anode Size: <u>2" X 60"</u>	Anode Type: <u>DURION</u>	Size Box: <u>6 3/4"</u>	
Depth Drilled: <u>400'</u>	Depth Logged: <u>363'</u>	Drilling Rig Time	Total Lbs. Cables Used	Lost Circulation Mat'l Used
Anode Depth				
#1 310	#2 300	#3 290	#4 280	#5 270
#6 260	#7 250	#8 240	#9 230	#10 220
Anode Output (Amps)				
#1 4.7	#2 5.3	#3 6.0	#4 4.8	#5 4.7
#6 5.2	#7 4.8	#8 4.2	#9 5.3	#10 4.6
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 <u>160 V</u>	Amps <u>22.8 A</u>	Ohms <u>.48</u>		

Remarks: Driller said water at 220', Took water sample, installed
363' of 1" pvc. Vert pipe perforated, 200'.
Hole is breaking water & gas

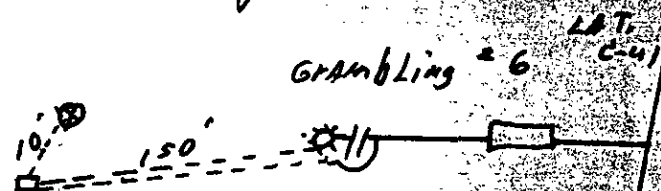
G.R. #4074.00 ✓
 Rectifier Size: 40V 16 A 669.00 ✓
 Add'l Depth: —
 Depth Credit: —137' —479.50 ✓
 Extra Cable: 180' 43.20 ✓
 Ditch & 1 Cable: 160' 112.00 ✓

25' Meter Pole: —
 20' Meter Pole: 1 297.00 ✓
 10' Stub Pole: —
 Junction Box: 1 225.00 ✓

4940.70 ✓
TAX - 247.04 ✓
\$5187.74 ✓
 LK

All Construction Completed

(Signature)



MAIN ROAD DOWN
 LAT 50

GRAMBLING #3
 LAT 11

5665

Cathodic Protection Services Co.

1608 So. Field Ln.

P.O. Box 3

Farmington, NM 87401

(505) 327-9215

(505) 325-1946

Date

Company

Meridian O.L.

Well No.

6

Location

SN 22-29-9

Volts Applied

11.0 V

Amperes

22.8

5		230	4.5 - ⑥	433		680	
10		235	5.1	440		685	
15		240	4.6 - ⑥	445		690	1-310-3.6 - 4.7
20		245	4.3	470		695	2-300-4.5 - 4.8
25		250	3.9 - ⑦	475		700	3-290-3.2 - 3.5
30		255	4.0	480		705	4-280-3.5 - 3.8
35		260	3.9 - ⑥	485		710	5-270-4.1 - 4.4
40		265	3.9	490		715	6-260-3.8 - 4.1
45		270	4.1 - ⑤	495		720	7-250-3.9 - 4.2
50		275	3.5	500		725	8-240-4.5 - 4.8
55		280	3.7 - ④	505		730	9-230-4.2 - 4.5
60		285	3.5	510		735	10-220-4.1 - 4.4
65		290	3.6 - ⑥	515		740	
70		295	3.4	520		745	
75		300	4.8 - ②	525		750	
80		305	4.4	530		755	
85		310	2.6 - ①	535		760	
90		315	2.9	540		765	
95		320	2.4	545		770	
100		325	1.5	550		775	
105		330	1.4	555		780	
110		335	1.3	560		785	
115		340	1.3	565		790	
120		345	1.3	570		795	
125		350	1.3	575		800	
130		355	1.4	580		805	
135		360	1.5	585		810	
140		365	3.63 T.D	590		815	
145		370		595		820	
150		375		600		825	
155		380		605		830	
160		385		610		835	
165		390		615		840	
170		395		620		845	
175		400		625		850	
180		405		630		855	
185		410		635		860	
190		415		640		865	
195		420		645		870	
200		425		650		875	
205		430		655		880	
210		435		660		885	
215		440		665		890	
220	4.4 - ⑩ WATER	445		670		895	
225	4.3	450		675		900	

D. CRASS

DRILLING CO.

Drill No. 3

1948

DRILLER'S WELL LOG

S. P. No. Grambling No 3 Date 5-16-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance
and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
<u>0</u>	<u>180</u>	<u>Shale</u>
<u>180</u>	<u>220</u>	<u>SAND</u>
<u>220</u>	<u>340</u>	<u>Shale</u>
<u>340</u>	<u>400</u>	<u>SANDSTONE</u>

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 220'

Driller RONNIE BROWN