30-045-11021

3890

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 M Sec. 5 Twp 31 Rng 12

Name of Well/Wells or Pipeline Serviced NEWBERRY #9

cps 1955w

Elevation 5948' Completion Date 6/2/88 Total Depth 340' 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. 100' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 280', 260', 250', 240', 215', 205', 180', 170'

Depths vent pipes placed: 330'

Vent pipe perforations: 240'

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.

FM-07 0238 (Rev 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 6/2/88

CPS #	Well Name, Line or Plant	Work Order #	Static:	Ins. Union Check
1955 W	Newberry 49	50718 2050718	600 N = .80V	☒ Good ☐ Bad

Location	Anode Size	Anode Type	Size Bit
M-5-31-12	2"X60"	Durion	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
340'	330'				

Anode Depth	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
	300	290	280	260	250	240	215	205	180	170
Anode Output (Amps)	5.5	5.7	5.2	5.6	5.2	5.2	6.0	5.8	6.0	6.4
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)										

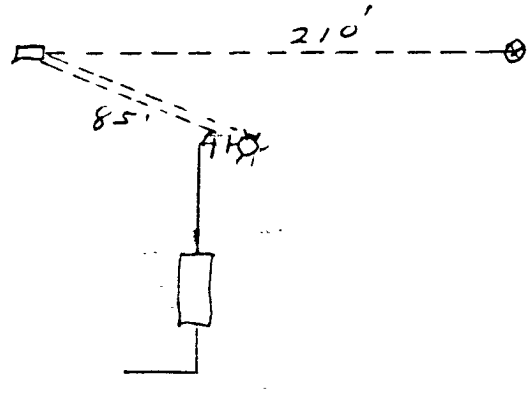
Total Circuit Resistance				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.9	Amps 28.2	Ohms .42			

Remarks: HIT WATER AT 100', WATER SAMPLE DID NOT SETTLE OUT INSTALLED 330' of 1" P.V.C. VENT pipe, PERFERATED 240'.

	G.B.	4074.00 ✓
Rectifier Size: 40V 16A		669.00 ✓
Addn'l Depth	—	
Depth Credit:	-170	-595.00 ✓
Extra Cable:	115'	27.60 ✓
Ditch & 1 Cable:	295'	206.50 ✓
~~Ditch & 2 Cable~~:	—	
25' Meter Pole:	—	
20' Meter Pole:	1	297.00 ✓
10' Stub Pole:	—	
Junction Box:	1	225.00 ✓
		4904.10 ✓
5%	+AX	245.21 ✓
		5149.31 ✓

All Construction Completed

J C Stotts
(Signature)



5948

O. CrASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S P. No. Newberry #9 Date 6-1-88

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
0	70	SANdy Shale
70	120	SANdstone
120	140	SAND
140	340	Shale

Mud Bran Lime

Rock Bit Number Make

Remarks: Water @ 100'

Driller Lonnie Brown

Cathodic Protection Services Co.
1608 Schofield Ln.
P.O. Box 8
Farmington, NM 87499
(505) 327-9215
(505) 325-1946

1955W

Date 6/2/88

Company Meridian oil

Well No. Newberry #9 Location M-5-31-12 Volts Applied 11.9 Amperes 28.2

0			230	2.0		455			680		
5			235	2.2		460			685		
10			240	2.3 – (6)		465			690	1-300-3.4-	5.5
15			245	2.1		470			695	2-290-3.1-	5.7
20			250	2.2 – (5)		475			700	3-280-3.1-	5.2
25			255	2.2		480			705	4-260-3.2-	5.6
30			260	2.3 – (4)		485			710	5-250-3.0-	5.2
35			265	1.9		490			715	6-240-3.0-	5.2
40			270	2.0		495			720	7-215-3.5-	6.0
45			275	2.1		500			725	8-205-3.2-	5.8
50			280	2.2 – (3)		505			730	9-180-3.2-	6.0
55			285	2.2		510			735	10-170-3.3-	6.4
60			290	2.3 – (2)		515			740		
65			295	2.1		520			745		
70			300	2.3 – (1)		525			750		
75			305	2.3		530			755		
80			310	2.2		535			760		
85			315	2.4		540			765		
90			320	2.2		545			770		
95			325	1.8		550			775		
100	.9	WATER	330		[redacted] T.D.	555			780		
105	1.9		335			560			785		
110	1.9		340		Drilled To	565			790		
115	1.8		345			670			795		
120	1.0		350			575			800		
125	1.2		355			580			805		
130	1.1		360			585			810		
135	.8		365			590			815		
140	1.6		370			595			820		
145	2.1		375			600			825		
150	2.3		380			605			830		
155	2.3		385			610			835		
160	2.2		390			615			840		
165	2.2		395			620			845		
170	2.5 – (10)		400			625			850		
175	2.5		405			630			855		
180	2.4 – (9)		410			635			860		
185	2.3		415			640			865		
190	2.0		420			645			870		
195	2.2		425			650			875		
200	2.2		430			655			880		
205	2.3 – (8)		435			660			885		
210	2.2		440			665			890		
215	2.4 – (7)		445			670			895		
220	2.2		450			675			900		
225	2.1										