30-045-26898

3883

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. 23 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL L #300

cps 1962w

Elevation 6130' Completion Date 6/13/88 Total Depth 440' 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. 120' & 200'

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST. 3

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 398', 390', 381', 345', 338', 331', 325', 265', 228', 220'

Depths vent pipes placed: 430'

Vent pipe perforations: 340'

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.

FM-07-0238 (Rev 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☐ COMP 6-21-88 JD

Completion Date 6/13/88

CFS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1962W	Howell L-300	3058A 07105680S		☐ Good ☒ Bad NO INS. UNION

Location	Anode Size	Anode Type	Size Bit
F 23-30-8	2" X 60"	Duriron	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gel Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
440'	430'				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	398	390	381	345	338	331	325	265	228	220
Anode Output (Amps)	3.0	3.2	3.4	4.0	4.4	4.5	4.4	2.2	2.8	3.2
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

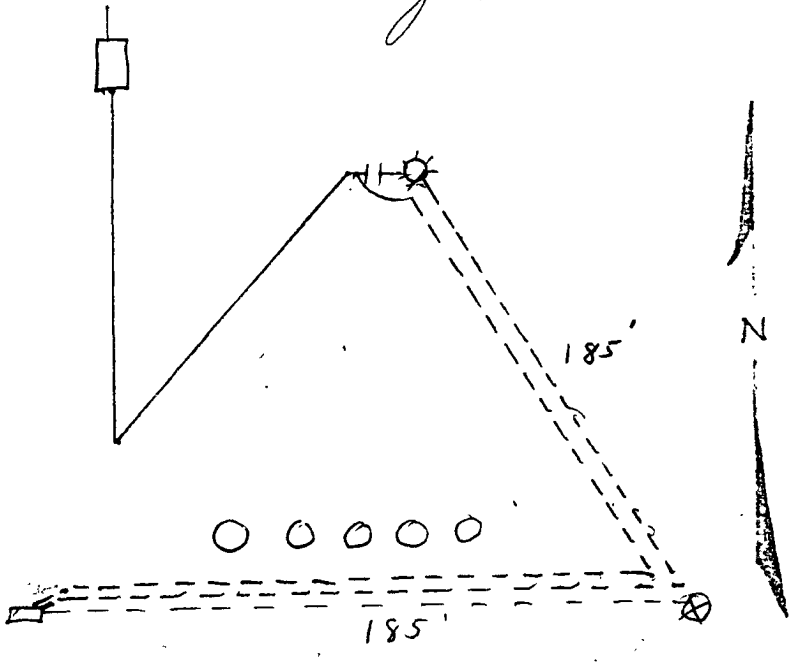
Total Circuit Resistance				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.0	Amps 15.0	Ohms .8			

Remarks: HIT DAMP SPOTS AT 120' & 200', NOT MUCH WATER. NO SAMPLE. INSTALLED 430' of 1" D.V.C. VENT pipe PERFORATED 340'.

	G.B.	4074.00
Rectifier Size: 40 V 16 A		669.00
Addn'l Depth: —		
Depth Credit: -70		-245.00
Extra Cable: 585'		140.40
Ditch & 1 Cable: 370'		259.00
25' Meter Pole: —		
20' Meter Pole: 1		297.00
10' Stub Pole: —		
Junction Box: 1		225.00
		5419.40
	TAX	270.97
		$5690.37

All Construction Completed

J C Stalb
(Signature)



LC3

1982 D. Crass DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S P. No. Howell L 300 Date 6-12-88

Client Meridian Oil Co. Prospect

County San Juan State New Mexico

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	100	Sandstone
100	120	Sand ✓
120	190	Sandstone
190	200	Sand ✓
200	230	Shale
230	260	Sandstone
260	280	Shale
280	320	Sandstone
320	360	Shale
360	390	Sandstone
390	400	Shale
400	440	Sandstone

Mud Bran Lime

Rock Bit Number Make

Remarks: Water @ 120' 200'

Driller Lonnie Brown

.1962 W

1608 Schofield Ln.
P.O. Box 38
Farmington, NM 87499
(505) 327-9215
(505) 325-1946

Date 6/13/88

Company Meridian Oil

Well No. Howell L-306 Location E 23-30-8 Volts Applied 12.0 Amperes 15.0

0				230	1.6 – (9)		455			680					
5				235	1.0		460			685					
10				240	.8		465			690	1	398	–	1.8	30
15				245	.8		470			695	2	390	–	2.1	32
20				250	.9		475			700	3	381	–	2.9	34
25				255	1.0		480			705	4	345	–	3.2	40
30				260	1.5		485			710	5	238	–	3.5	44
35				265	1.7 – (8)		490			715	6	331	–	3.4	45
40				270	1.3		495			720	7	225	–	2.4	44
45				275	1.2		500			725	8	265	–	1.8	22
50				280	1.3		505			730	9	228	–	2.0	28
55				285	1.3		510			735	10	220	–	2.4	32
60				290	1.1		515			740					
65				295	1.6		520			745					
70				300	.9		525			750					
75				305	1.0		530			755					
80				310	1.1		535			760					
85				315	1.1		540			765					
90				320	1.5		545			770					
95				325	1.9 – (7) (6)		550			775					
100				330	2.1 – (2) (6)		555			780					
105				335	2.4 – (3) (3)		560			785					
110				340	2.4 – (3) (3)		565			790					
115				345	2.2 – (5) (4)		670			795					
120			water	350	1.3		575			800					
125				355	.9		580			805					
130				360	.9		585			810					
135				365	.9		590			815					
140				370	.9		595			820					
145				375	.9		600			825					
150				380	2.0 – (3)		605			830					
155				385	2.2		610			835					
160				390	2.0 – (2)		615			840					
165				395	1.5		620			845					
170				400	1.4 – (1)		625			850					
175				405	1.3		630			855					
180				410	1.3		635			860					
185				415	1.3		640			865					
190				420	1.3		645			870					
195				425			650			875					
200	.3		water	430		T.D	655			880					
205	.5			435			660			885					
210	.3			440		Drilled To	665			890					
215	.2			445			670			895					
220	1.9 – (1)			450			675			900					
225	1.9 – (6)														