

30-045-08920 → Howell #5
30-045-22435 → HOWELL M #1A
4657

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

Operator MERIDIAN OIL Location: Unit SW Sec. 31 Twp 30 Rng 8
Name of Well/Wells or Pipeline Serviced HOWELL #5, HOWELL M #1A
cps 63w
Elevation 6307' Completion Date 11/13/62 Total Depth 200' 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. N/A
Depths gas encountered: N/A
Type & amount of coke breeze used: 1360 lbs
Depths anodes placed: 155', 149', 110', 45', 39', 33'
Depths vent pipes placed: N/A
Vent pipe perforations: N/A
Remarks: gb #17 HOLE USED WATER BADLY.

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

DATE 11-18-62

WELL NAME Howell #5 CPS NO. ~~63W~~ 63W

LOCATION 31-30N-8W

WORK ORDER NUMBER 184-40542-50-2002

ANODE HOLE DEPTH 200'

Total Labor 11 hrs
TOTAL DRILLING RIG TIME 13 hrs

DRILLING TIME FOR RECTIFIER POLE HOLE _____

TYPE AND SIZE BIT USED _____

NUMBER SACKS MUD USED 0

NUMBER SACKS LOST CIRCULATION MAT'L USED _____

ANODE DEPTHS #1 155', #2 149', #3 110', #4 45' 5. 39' 6. 33'

TOTAL LBS. COKE USED 1360 lbs (16 sacks)

ANODE OUTPUTS 12 VOLTS, #1 1.75A, #2 1.4A, #3 1.2A, #4 2.1A 5. 3.0A 6. 2.1A

TOTAL CIRCUIT RESISTANCE: VOLTS 12.6 AMPERES 7 OHMS 1.8 Ω

NUMBER FEET SURFACE CABLE CONDUIT ~~255'~~ 816'

DRILLING LOG (ATTACH HERETO).

FORMATION LOG (ATTACH HERETO).

REMARKS: Static $\frac{1}{2}$.80 R 600' W

Flow line NOT laid

4 Anodes = 2.7 Ω

Hole used water badly

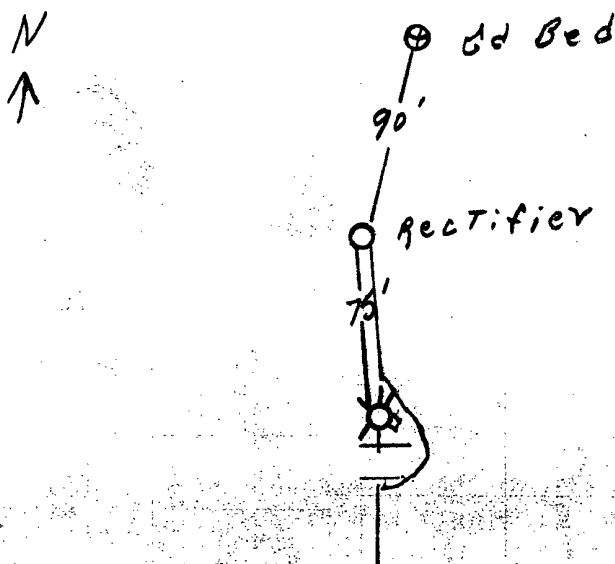
5 Anodes = 2.2 Ω

Had to have water truck
come back

ALL CONSTRUCTION COMPLETED

E. Paukh
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

DRILLING DEPARTMENT

DAILY DRILLING REPORT

Harrell #3

LEASE *Harrell #3* WELL NO. *38* CONTRACTOR *Lee Wilson* RIG NO. *24* REPORT NO. *715-8-10* DATE *7-15-8-10* IS *10*

MORNING

DAYLIGHT

EVENING

Driller				Tool Man in Charge				Driller				Tool Man in Charge							
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	3.8	5.5	8752																
3.8	5.0	5.5																	
5.0	5.00	5.5																	
5.00	5.00	5.5																	
5.00	5.00	5.5																	
NO. DC				SIZE	LENG.	NO. DC				SIZE	LENG.	NO. DC				SIZE	LENG.		
BIT NO.				BIT NO.				BIT NO.				BIT NO.				BIT NO.			
SERIAL NO.				SERIAL NO.				SERIAL NO.				SERIAL NO.				SERIAL NO.			
SIZE				SIZE				SIZE				SIZE				SIZE			
TYPE				TYPE				TYPE				TYPE				TYPE			
DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY			
TOTAL DEPTH				TOTAL DEPTH				TOTAL DEPTH				TOTAL DEPTH				TOTAL DEPTH			
MUD RECORD				MUD RECORD				MUD RECORD				MUD RECORD				MUD RECORD			
MUD ADDITIVES USED AND RECEIVED				MUD ADDITIVES USED AND RECEIVED				MUD ADDITIVES USED AND RECEIVED				MUD ADDITIVES USED AND RECEIVED				MUD ADDITIVES USED AND RECEIVED			
TIME				TIME				TIME				TIME				TIME			
WT.				WT.				WT.				WT.				WT.			
VIS.				VIS.				VIS.				VIS.				VIS.			
FROM				FROM				FROM				FROM				FROM			
TO				TO				TO				TO				TO			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
REMARKS				REMARKS				REMARKS				REMARKS				REMARKS			

13 hrs

800

SIGNED: Toolpusher _____ Company Supervisor _____