

1355

30-045-24846

E

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

Operator MERIDIAN OIL Location: Unit NE Sec. 31 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #144E

cps 1675w

Elevation 6428' Completion Date 8/17/83 Total Depth 560' Land Type* N/A

Casing, Sizes, Types & Depths 20' 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. 255' NO SAMPLE

Depths gas encountered: N/A

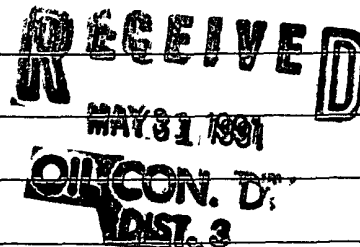
Type & amount of coke breeze used: 5400 lbs.

Depths anodes placed: 515', 505', 495', 485', 455', 445', 410', 400', 390', 380'

Depths vent pipes placed: 545'

Vent pipe perforations: 360'

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.

WELE CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 8-17-83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1675. W	HURFANO UNIT #144E	184-59138-21	.80	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NE31-26-9	2"	DURIRON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
560	545		5400	
Anode Depth				
# 1 515	# 2 505	# 3 495	# 4 485	# 5 455
# 6 445	# 7 410	# 8 400	# 9 390	# 10 380
Anode Output (Amps)				
# 1 3.9	# 2 5.0	# 3 4.7	# 4 4.2	# 5 4.3
# 6 3.2	# 7 5.0	# 8 5.0	# 9 5.1	# 10 5.6
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 12.2	Amps 19.5	Ohms 62		

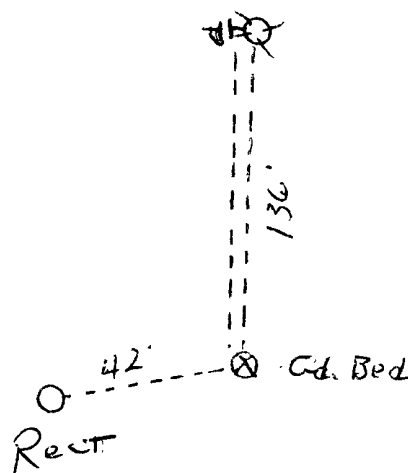
Remarks: DRILLER said wet at 255'. Drilled 10' CUTTINGS quit coming out of hole. Had to inspect next A.M. to clean hole. Did NOT get water sample. Hole is making water. Installed 545' of 1" VENT PIPE, PERFORATED 360' of VENT PIPE. Shipped 5400 lbs of COKE BREEZE. SET 20' of 8" PVC CASING (NO CHARGE)

Rectifier Size: 40 V 16 A ✓
 Addn'l Depth: 45' ✓
 Depth Credit: —
 Extra Cable: 151' ✓
 Ditch & 1 Cable: 178' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: —
 10' Stub Pole: —

All Construction Completed

Willis Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH



4428

ENGINEERING CALCULATION SHEET

Form 7-371 (11-77)

CPS 1675-W

HURTADO UNIT #14UE

NE 31-26-9

W/O

184-59138-21-50-20-63

Page

Date

By

8-17-83

WK

STAT.C .80
UNION WK

DRILLER said wet at 255. DRILLED 10" CUTTINGS
 GUT COMING OUT OF HOLE. HAD TO INJECT NEXT AM
 TO CLEAN HOLE. DID NOT GET WATER SAMPLE.
 INSTALLED 545' OF 1" VENT PIPE, PERFORATE 360' OF
 VENT PIPE. SURRIED 5400' LBS OF COKE BREEZE
 SET 20' OF 8" PVC CASING (NO CHARGE)

① 515 18 39
 ② 505 22 50
 ③ 495 22 47
 ④ 485 20 42
 ⑤ 455 21 43
 ⑥ 445 20 32
 ⑦ 410 23 50
 ⑧ 400 23 50
 ⑨ 390 23 51
 ⑩ 380 25 56

12.2V 195A .62

250 1.2 40 1.8
 55 1.3 45 2.0
 60 1.3 50 2.1
 65 1.3 55 2.0
 70 1.6 60 1.7
 75 1.6 65 1.6
 80 1.0 70 1.2
 85 1.9 75 1.1
 90 1.9 80 1.8
 95 1.9 85 2.0
 300 1.6 90 2.1
 05 1.9 95 2.1
 10 1.8 500 2.0
 15 1.5 05 2.0
 20 1.6 10 1.6
 25 1.8 15 1.6
 30 1.9 20 1.5
 35 1.7 25 1.5
 40 1.5 30 1.4
 45 1.7 35 1.5
 50 1.9 40
 55 2.1 45 TD
 60 2.1 50
 65 2.1 55
 70 2.2 60
 75 2.2
 80 2.1
 85 2.1
 90 2.1
 95 1.9
 400 2.0
 05 1.9
 10 1.8
 15 1.7
 20 1.6
 25 1.3
 30 1.1
 35 1.7

LEASE 07S 1675 W WELL NO. ^{thru} 144th CONTRACTOR LOFTIS CO RIG NO. JR1 REPORT NO. DATE 8-17 1983

SIGNED: Toolpusher

____ Company Supervisor

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