

3213

E

30-045-26264

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 K Sec. 14 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #175E

cps 1969w

Elevation 6607' Completion Date 6/24/88 Total Depth 340' Land Type* N/A

Casing, Sizes, Types & Depths 20' 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. 150'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 315', 305', 295', 285', 270', 250', 242', 234', 220', 195'

Depths vent pipes placed: 340'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒

Comp - 27-8892

Completion Date 6-24-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check	
1969W		Fuerfano 175E		53948B 2053948A		N 600 = 816		☐ Good ☒ Bad	
Location:		Anode Size:		Anode Type:		Size Bit:			
K14-26-10		2" x 60"		Duriron		634			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Goke Used		Lost Circulation Mat'l Used	
340'		335'							
Anode Depth									
# 1	315	# 2	305	# 3	295	# 4	285	# 5	270
# 6	250	# 7	242	# 8	234	# 9	220	# 10	195
Anode Output (Amps)									
# 1	4.6	# 2	4.5	# 3	5.8	# 4	6.2	# 5	5.4
# 6	5.2	# 7	5.0	# 8	6.1	# 9	5.6	# 10	4.5
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 11.9		Amps 24.2		Ohms 49					

Remarks: No static test, insulated union at well head tests bad. Driller said moisture in formation to be at 150'. Installed 20' surface casing, 1 hr. rig time. Installed 340' 1" PVC (200 PSI @ 75°) vent pipe, bottom 200' perforated.

G.B. 4074.00 ✓
Rectifier Size: 40 V 16 A 669.00 ✓

Add'l Depth

Depth Credit: 165' @ 3.50 - 577.50 ✓

Extra Cable: 150 @ .24 36.00 ✓

Ditch & 1 Cable: 255 @ .70 178.50 ✓

25' Meter Pole: 1 @ 307.00 307.00 ✓

20' Meter Pole:

10' Stub Pole:

1 Junction Box 225.00 ✓

20' Surface Casing 110.00 ✓

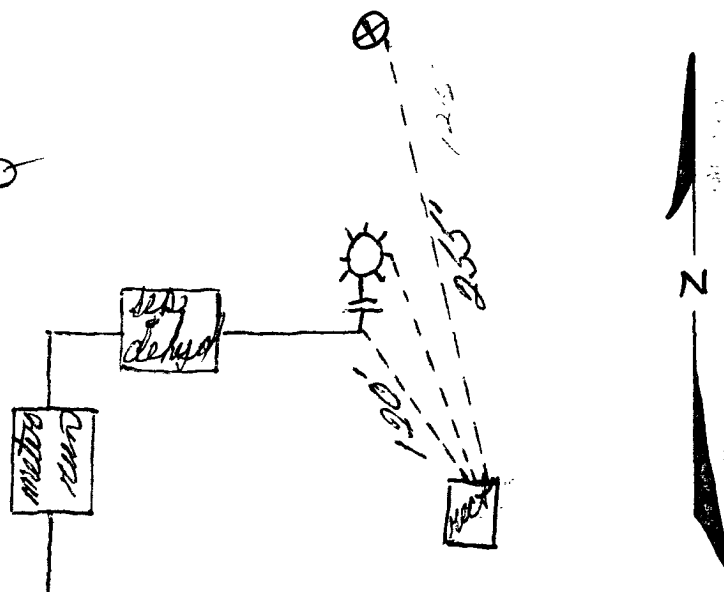
1 hr. rig time 138.00 ✓

Tax 5160.00 ✓

258.00 ✓

5418.00 ✓

GROUND BED LAYOUT SKETCH



All Construction Completed

Calvin Rodman
(Signature)

4607

WELL TYPE GROUNDING DATA

DATA SHEET NO. _____

COMPANY MERTOLAN OIL JOB No. 13128 DATE: 6-24-88
 WELL: HUERFANO # 175 E PIPELINE: _____
 LOCATION: SEC 14 TWP. 26 RGE. 10 CO. SAN JUAN STATE N.M.
 ELEV. _____ FT: ROTARY 340 FT: CABLE TOOL -0- FT: CASING 20'
 GROUNDING: DEPTH 335 FT. DIA. 6 3/4 IN. GAS 3350 LBS. ANODES 10 2160 TYPE 17

DEPTH. FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R	I	I		
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50				1.3				
55				1.5				
60				1.4				
65				0.9				
70				0.7				
75				0.8				
80				0.9				
85				1.3				
90				1.9				
95				2.0	2.3	4.5	10	195
200				1.4				
5				1.4				
10				1.4				
15				1.3				
20				1.9	2.6	5.6	9	230
25				1.8				
30				1.2				
35				1.9	3.0	6.1	8	235
40				2.0	2.5	5.0	7	242
45				2.1				
50				2.0	2.3	5.2	6	250
55				2.0				

GROUNDING RESISTANCE: (1) VOLTS 11.9 - AMPS 24.2 - OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

LUXENS DRIVE

DATA SHEET NO. _____

GROUNDSED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANCHES _____

GROUNDING RESISTANCE: (1) VOLTS _____ - AMPS _____ = _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

ALLIENS COMPANY

D. CRASS DRILLING CO. 1969

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Huerfano-175-E-DK Date 6-24-88
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	20	SAND
20	60	SANDSTONE
60	100	SHALE
100	150	SAND ✓
150	170	SHALE
170	180	SANDSTONE
180	200	SHALE
200	230	SANDSTONE
230	340	SHALE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 150'

Set 20' casing 1 Hr.

Driller Ronnie Brown