

3212

E

30-045-26677

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 A Sec. 23 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #168E

cps 1970w

Elevation 6653' Completion Date 6/27/88 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. 100' NO SAMPLE

Depths gas encountered: N/A

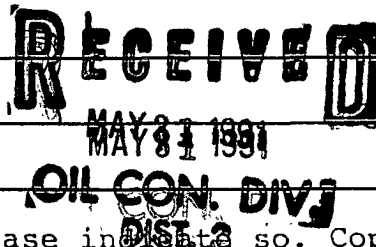
Type & amount of coke breeze used: N/A

Depths anodes placed: 310', 300', 290', 280', 270', 260', 230', 220', 190', 180'

Depths vent pipes placed: 340'

Vent pipe perforations: 260'

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 6-29-88 83

Completion Date 6-27-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check	
1970W		Fluxpano unit 168E		54529A 2054529A		600E-805		☒ Good ☐ Bad	
Location A23-26-10		Anode Size: 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4			
Depth Drilled 340'		Depth Logged 330'		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth									
# 1 310	# 2 300	# 3 290	# 4 280	# 5 270	# 6 260	# 7 230	# 8 220	# 9 190	# 10 180
Anode Output (Amps)									
# 1 5.1	# 2 6.1	# 3 5.9	# 4 6.2	# 5 5.0	# 6 4.7	# 7 5.2	# 8 6.2	# 9 5.0	# 10 5.0
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									
Volts 11.8		Amps 27.2		Ohms .43		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

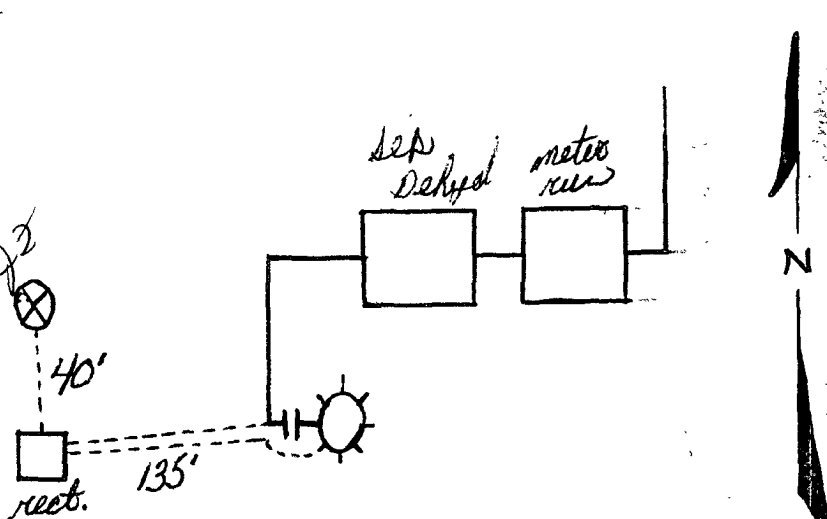
Remarks: Driller said moisture to be at 100'; no water sample. 20' surface casing installed, 1 hr. rig time. 340' of 1" PVC vent pipe installed, bottom 260' perforated.

Rectifier Size: 40 V 16 A 4074.00 ✓
 Addn'l Depth 669.00 ✓
 Depth Credit: 120' @ 3.50 - 595.00 ✓
 Extra Cable: 165' @ .24 39.60 ✓
 Ditch & 1 Cable: 175' @ .70 122.50 ✓
 25' Meter Pole: 1 @ 307.00 307.00 ✓
 20' Meter Pole:
 10' Stub Pole:

1 function Box
 20' surface casing
 1 hr. rig time

225.00 ✓
 110.00 ✓
 138.00
 5090.10
 tot 254.51
 5344.61

GROUND BED LAYOUT SKETCH



All Construction Completed

Calvin Rodman
 (Signature)

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

COMPANY _____ JOB NO. 13128 DATE: 6-27-88
 WELL: HUFFERAWD # 168 F PIPELINE: _____
 LOCATION: SEC 23 TWP 26 RGE 10 CO. SAN JOUAN STATE MISSISSIPPI
 ELEV. _____ FT: ROTARY 340 FT: CABLE TOOL -0- FT: CASING 30 FT.
 GROUND BED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES 10 2K60 TYPE D

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO CONE	WITH CONE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R	I	I		
	<u>FIRST WATER 100</u>							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100				4.5				
5				2.0				
10				2.0				
15				2.1				
20				2.1				
25				1.9				
30				1.8				
35				1.3				
40				0.8				
45				1.0				
50				1.5				
55				2.2				
60				1.6				
65				1.5				
70				1.4				
75				2.2				
80				2.4	3.0	5.0	10	180
85				2.4				
90				2.1	2.8	5.0	9	190
95				1.9				
200				1.9				
5				1.5				
10				1.6				
15				1.9				
20				2.3	2.7	6.2	8	220
25				2.4				
30				2.1	2.6	5.2	7	230
35				1.8				
40				1.6				
45				1.5				
50				1.0				
55				1.0				

GROUND BED RESISTANCE (1) VOLTS 11.8 - AMPS 27.2 - OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

DATA SHEET NO. _____

COMPANY _____

WELL: _____ JCB No. _____ DATE: _____

LOCATION: SEC _____ TWP _____ RGE. _____ CO. _____ PIPELINE: _____

ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____

GROUNDING: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R				
60			1.9		2.4	4.7	6	260
65			2.1					
70			2.0		2.4	5.0	5	270
75			2.2					
80			2.2		2.4	6.2	4	280
85			2.3		3.0	5.9	3	290
90			2.2					
95			2.2		2.8	6.1	2	300
100			2.2		2.9	5.1	1	310
15			1.8					
20			1.8					
25			1.9					
30			1.8					
35								
40								
45	T. D. 340							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								

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

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.
LUXENS, OHIO

D. CRASS DRILLING CO.

Drill No. 3

1920

DRILLER'S WELL LOG

S. P. No. HUCFano unit 168-E Date 6-27-88

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	15	SAND
15	30	SANDY Shale
30	70	SANDstone
70	140	SAND
140	160	Shale
160	170	SANDstone
170	200	Shale
200	220	SANDstone
220	240	Shale
240	260	SANDstone
260	320	Shale
320	340	SANDY Shale

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 100'

Set 20' casing 1 Hr.

Driller RONNIE BROWN