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E

30-045-26669

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. 30 Twp 26 Rng 9Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #165E

cps 1972w

Elevation 6508' Completion Date 6/29/88 Total Depth 285' Land Type* N/ACasing, Sizes, Types & Depths 80' CASINGIf 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. 140' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 245', 238', 230', 222', 214', 205', 195', 188', 180', 170'Depths vent pipes placed: 285'Vent pipe perforations: 205'Remarks: gb #1**RECEIVED**

MAY 31 1991

OIL CON. DIV.

If any of the above data is unavailable, please indicate. ^{ST. 2} 3. 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 7-188 Completion Date 6-29-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check	
1972W		Hurricane unit 165E		54523A 2054528A		600N=.827		☒ Good ☐ Bad	
Location: A30-26-09		Anode Size: 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4			
Depth Drilled: 285'		Depth Logged: 275'		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1 245	# 2 238	# 3 230	# 4 222	# 5 214	# 6 205	# 7 195	# 8 188	# 9 180	# 10 170
# 1 6.0	# 2 7.0	# 3 6.5	# 4 6.2	# 5 7.0	# 6 6.5	# 7 7.8	# 8 7.0	# 9 5.2	# 10 5.0
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance		Volts		Amps		Ohms			
11.7		26.8		43					
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used							

Remarks: Driller said moisture to be at 140' no water sample. Installed 80' surface casing, installed 285' 1" PVC vent pipe, bottom 205' perforated. Surface casing was not straight, hard to get in hole.

Rectifier Size: 40 V 16 A 4074.00
 Addn'l Depth: 664.00
 Depth Credit: 225' @ 3.50 = 787.50 ✓
 Extra Cable: 700 @ .24 = 168.00 ✓
 Ditch & 1 Cable: 160 @ .70 = 112.00 ✓

25' Meter Pole: 158.50
 20' Meter Pole: 225.00
 10' Stub Pole: 10 @ 158.50 = 1585.00 ✓
 1. junction Box 225.00
 80' feet surface casing 440.00 ✓
 4 hrs. rig time 552.00 ✓

5486.20

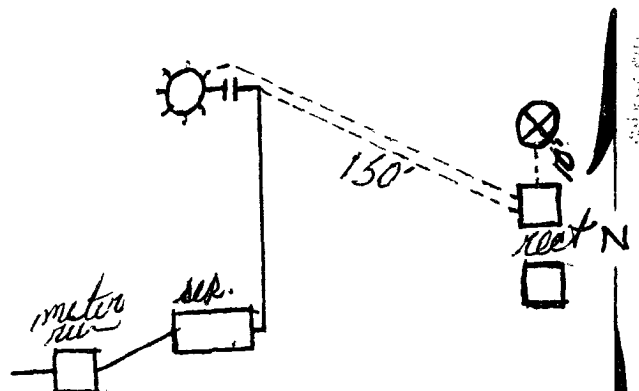
27431

5760.57 82

All Construction Completed

Calvin Roehman
(Signature)

GROUND BED LAYOUT SKETCH



e 506

WELL TYPE GROUNDING DATA

DATA SHEET NO. 1 OF 2

COMPANY MERTIAN OIL JOB NO. 13128 DATE: 6-30-88
 WELL: HUERTADO #171 E PIPELINE: _____
 LOCATION: SEC 36 TWP 26 RGE 10 CO. SAW TOAN STATE MTN
 ELEV. _____ FT: ROTARY 340 FT: CABLE TOOL -0- FT: CASING -0-
 GROUNDING: DEPTH 340 FT. DIA. 6 3/4 IN. GAS 7400 LBS. ANODES 10 2X60 TYPED

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	FIRST WATER 140							
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GROUNDING RESISTANCE (1) VOLTS 11.7 - AMPS 30.8 - OHMS

(2) VIBROGROUND - OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

LUBENS CORP.

COMPANY _____ **JOB No.** _____ **DATE:** _____

WELL: _____ PIPELINE: _____

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

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

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

[illegible]

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

(2) VIDEOGROUND _____ OFMS

GENERAL CATHODIC PROTECTION SERVICES CO.

• LIKENS : 30000

D. CRASS DRILLING CO.

Drill No. 3

1972

DRILLER'S WELL LOG

S. P. No. Huerfano Unit 171E Date 10-30-88

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	SANDY shale
20	70	SANDstone
70	100	Shale
100	150	SAND
150	195	Shale
195	210	SANDstone
210	300	Shale
300	340	SANDY shale

Mud _____ Brm _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 140'

Driller Rennie Brown