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E

30-045-26675

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. 36 Twp 26 Rng 10Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #177E

cps 1967w

Elevation 6620' Completion Date 6/22/88 Total Depth 250' Land Type* N/ACasing, Sizes, Types & Depths 20' CASINGIf Casing is cemented, show amounts & types used N/AIf 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. 105' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 230', 220', 210', 200', 180', 170', 160', 150', 140', 130'Depths vent pipes placed: 250'Vent pipe perforations: 250'Remarks: gb #1**RECEIVED**

MAY 21 1991

OIL CON. DIV
LDIST. 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

Drilling Log (Attach Hereto) ☒

Comp 6-23-88

Completion Date 6-22-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins Union Check	
19671W		Fluerfano 197 E		54531A 2054531A		6005 = 854		☐ Good ☐ Bad	
Location:		Anode Size:		Anode Type:		Size Bit:			
K 36-26-10		2" x 60"		Duriron		6 3/4			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Goke Used		Lost Circulation Mat'l Used	
250		230							
Anode Depth									
# 1 230	# 2 990	# 3 210	# 4 200	# 5 190	# 6 170	# 7 160	# 8 150	# 9 140	# 10 130
Anode Output (Amps)									
# 1 8.4	# 2 7.6	# 3 6.8	# 4 5.8	# 5 4.7	# 6 3.2	# 7 5.2	# 8 5.6	# 9 5.0	# 10 5.4
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 12.0		Amps 28.0		Ohms .428					

Remarks: * no static test due to compressor connections at well head. Drilled to 250' logged to 230'. Driller said water to be 105' no water sample. Installed 250' of 1" PVC perforated vent pipe. Set 30' surface casing, 1 hr. rig time.

GB 4044.00
Rectifier Size: 40 V 16 A 669.00
Addn'l Depth
Depth Credit: 250 @ 3.50 - 875.00
Extra Cable: 160 @ .24 38.40
Ditch & 1 Cable: 195 @ .70 136.50
25' Meter Pole: 1 307.00
20' Meter Pole:
10' Stub Pole:

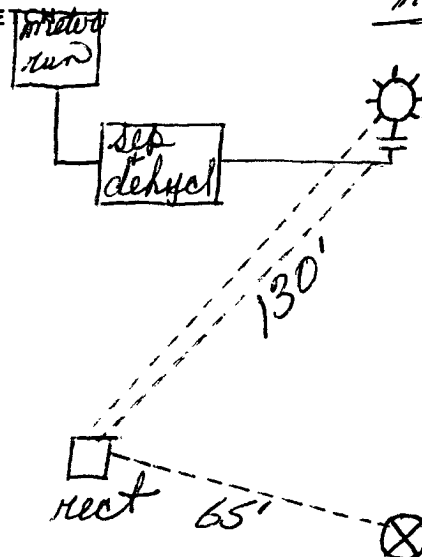
1 Junction Box 225.00
20' surface casing 110.00
1 hr. rig time 138.00

4822.90
tax 241.15
5064.05 OK

All Construction Completed

Calvin Rodman
(Signature)

GROUND BED LAYOUT SKETCH



6600

COMPANY _____ JOB NO. _____ DATE: 6-22-88
 WELL: Huck Lane 171 E PIPELINE: _____
 LOCATION: SEC. 36 TWP. 26 RGE. 10 CO. _____ STATE _____
 ELEV. _____ FT: ROTARY 250 FT: CABLE TOOL 0 FT: CASING 20
 GROUNDED: DEPTH 250 FT. DIA. 6 3/4 IN. GAS 4200 LBS. ANODES 11-2"x60" type D

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE		WITH COKE		ANODE NO.	DEPTH, TOP OF ANODES
		E	I	R	I	I	I	I		
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100				1.6						
5				1.7						
10				1.7						
15				1.5						
20				1.9						
25				2.2						
30				2.4		2.9	5.4	11D		130
35				2.4						
40				2.3		2.7	5.0	19		140
45				2.4						
50				2.5		2.8	5.6	18		150
55				2.4						
60				2.2		2.7	5.2	17		160
65				2.1						
70				2.2		2.5	3.2	16		170
75				2.1						
80				2.1		2.4	4.0	13		180
85				1.9						
90				2.0						
95				2.4						
200				2.0		2.5	5.8	14		200
5				2.3						
10				2.3		2.8	6.8	13		210
15				2.4						
20				2.5		2.0	7.6	12		220
25				2.3						
30				2.5		3.2	8.4	11		230
35				2.3						
40				2.0						
45										
50	T.D. 250									
55										

GROUNDED RESISTANCE: (1) VOLTS 12.0 - AMPS 28.0 - 428 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.
 A LUKENS COMPANY

D. Crass

DRILLING CO.

1967

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Huertano 177-E-DK Date 6-22-88

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	50	SANDY SHALE
50	90	SANDSTONE
90	105	SAND ✓
105	260	SHALE

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 105'

Set 20' casing 1 Hr.

Driller Ronnie Brown