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30-045-26164

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 SE Sec. 11 Twp 25 Rng 9Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #284

cps 1786w

Elevation 6589' Completion Date 11/13/85 Total Depth 360' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 115' - 145'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 335', 325', 315', 305', 295', 285', 275', 265', 255', 240'Depths vent pipes placed: N/AVent pipe perforations: N/ARemarks: gb #1**RECEIVED**
MAY 31 1991
OIL CON. D.
DIST. 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) ☐Completion Date 11/13/85

CPS # <u>1786W</u>	Well Name, Line or Plant: <u>HURFAND 284</u>	Work Order # <u>59235</u>	State: <u>75</u>	Ins. Union Check
				☐ Good ☐ Bad
				NOT TIED IN
Location: <u>SE 11-25-9</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>DURIRON</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled <u>360'</u>	Depth Logged <u>360'</u>	Drilling Rig Time	Total Lbs Goke Used	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth				
# 1 <u>335</u>	# 2 <u>325</u>	# 3 <u>315</u>	# 4 <u>305</u>	# 5 <u>295</u>
# 6 <u>285</u>	# 7 <u>275</u>	# 8 <u>265</u>	# 9 <u>255</u>	# 10 <u>240</u>
Anode Output (Amps)				
# 1 <u>4.4</u>	# 2 <u>5.8</u>	# 3 <u>4.8</u>	# 4 <u>5.5</u>	# 5 <u>5.1</u>
# 6 <u>5.2</u>	# 7 <u>5.7</u>	# 8 <u>5.1</u>	# 9 <u>4.0</u>	# 10 <u>5.2</u>
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	
Volts <u>11.75</u> Amps <u>21.2</u> Ohms <u>.55</u>			No. 2 C.P. Cable Used	

Remarks: Water 115 - 145' Spilled w/ mud all way.

Rectifier Size: 40 V 16 A - \$ 900.00

Addn'l Depth

Depth Credit: 140' x 3.00 = \$420.00Extra Cable: 120' x .37 = \$44.40Ditch & 1 Cable: 210' x 1.35 = \$283.50

25' Meter Pole:

20' Meter Pole: 1 - \$ 500.00

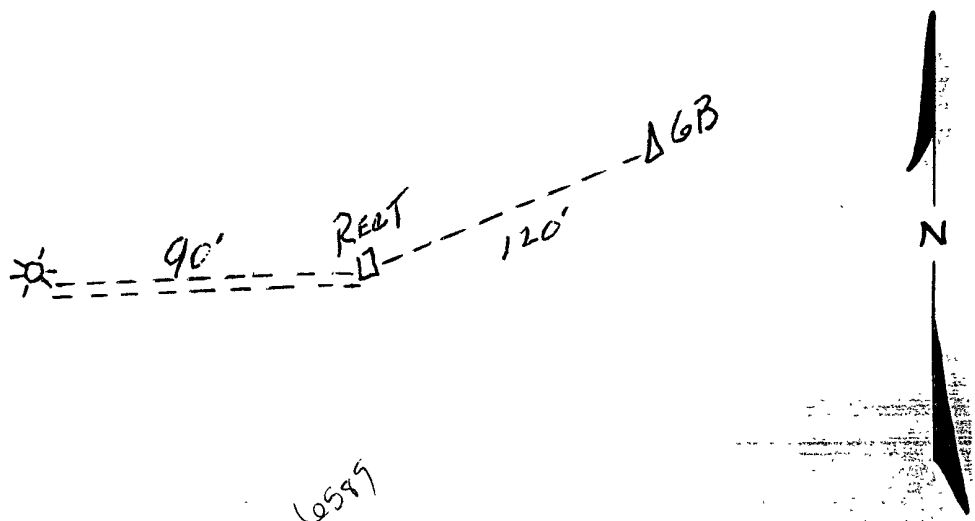
10' Stub Pole:

All Construction Completed.

B.T.
(Signature)

GROUND BED LAYOUT SKETCH

TIME		
DATE	REG	O. T.
11/13/85	8	—
11/14/85	8	—



\$4740.00
 - 420.00
 44.40
 283.50
 900.00
 500.00
 200.00
 \$6347.90

6599

KU-PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1786W WELL NAME: HUERTANO #284 LOCATION: SE 11-25-9 DATE: 11/13/85
11/12/85

TOTAL VOLTS: 11.75 TOTAL AMPS: 21.2 OHMS RESISTANCE: .55

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	.7		365			545			1	335	2.5	4.4
10			190	1.0		370			550			2	325	3.1	5.8
15			195	1.0		375			555			3	315	2.9	4.8
20			200	.9		380			560			4	305	2.7	5.5
25			205	.9		385			565			5	295	2.8	5.1
30			210	1.1		390			570			6	285	3.0	5.2
35			215	.9		395			575			7	275	2.9	5.7
40			220	.9		400			580			8	265	2.9	5.1
45			225	1.7		405			585			9	255	2.5	4.0
50			230	2.9		410			590			10	240	2.7	5.2
55			235	2.5		415			595						
60			240	2.1	10	420			600						
65			245	1.4		425			605						
70			250	.8		430			610						
75			255	1.8	9	435			615						
80	1.6		260	2.9		440			620						
85	1.3		265	3.0	8	445			625						
90	1.3		270	2.8		450			630						
95	1.4		275	3.0	7	455			635						
100	1.7		280	2.9		460			640						
105	1.4		285	3.1	6	465			645						
110	1.2		290	3.1		470			650						
115	.8		295	2.9	5	475			655						
120	.7		300	2.8		480			660						
125	.9		305	2.8	4	485			665						
130	.4		310	3.0		490			670						
135	.4		315	2.9	3	495			675						
140	.6		320	3.1		500			680						
145	.7		325	3.1	2	505			685						
150	1.1		330	3.2		510			690						
155	2.1		335	3.0	1	515			695						
160	2.0		340	1.5		520			700						
165	.9		345	.6		525			705						
170	.4		350	.5		530			710						
175	.3		355	.5		535			715						
180	.4		360	T.D.		540			720						

REMARKS:

LEASE SF 019367 WELL NO. 54-MP CONTRACTOR Wells Co RIG NO. 110-1 REPORT NO. 8 DATE 12-10-1985

MORNING

DAYLIGHT

EVENING

Driller				Total Men in Crew				Driller				Total Men in Crew											
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.									
0	40	5 sand																					
40	240	5 sand																					
240	240	5 sand																					
240	400	5 sand																					
NO. DC				SIZE	NO. DC				SIZE	NO. DC				SIZE									
SERIAL NO.				STANDS	SERIAL NO.				STANDS	SERIAL NO.				STANDS									
SIZE				SINGLES	SIZE				SINGLES	SIZE				SINGLES									
TYPE				DOWN ON KELLY	TYPE				DOWN ON KELLY	TYPE				DOWN ON KELLY									
MAKE				TOTAL DEPTH	MAKE				TOTAL DEPTH	MAKE				TOTAL DEPTH									
MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED											
Time				WT.	Vis.	Time				WT.	Vis.	Time				WT.	Vis.						
FROM				TO				FROM				TO				FROM				TO			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN							

REMARKS -

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SIGNED: Toolpusher

Company Supervisor