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30-045-27626

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 G Sec. 17 Twp 31 Rng 8

Name of Well/Wells or Pipeline Serviced QUINN #335

cps 6377w

Elevation N/A Completion Date 12/5/90 Total Depth 500' Land Type* P

Casing, Sizes, Types & Depths 20' OF 8"

If Casing is cemented, show amounts & types used 5 BAGS OF SACKRETE

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. 290' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 2000 lbs.

Depths anodes placed: 490', 480', 470', 460', 400', 390', 380', 350', 340', 330'

Depths vent pipes placed: 500'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV
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 12-5-90

CPS #		Well Name, Line or Plant:		Work Order #		State:		Ins. Union Check	
6377W		QUINN 335						☐ Good ☒ Bad WELLHEAD UNION	
Location:		Anode Size:		Anode Type:		Size Bit:			
SEC. 17, T-31N, R-8W		2" X 60"		ANOTEC		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Cable Used		Less Circulation Mat'l Used	
500'		495'							
Anode Depth									
# 1 490	# 2 480	# 3 470	# 4 460	# 5 400	# 6 390	# 7 380	# 8 350	# 9 340	# 10 330
Anode Output (Amps)									
# 1 2.6	# 2 4.3	# 3 3.9	# 4 3.1	# 5 2.2	# 6 2.6	# 7 2.4	# 8 3.1	# 9 3.5	# 10 3.0
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				No. # C.P. Cable Used				No. # C.P. Cable Used	
Volts 12.28		Amps 13.8		Ohms .96					

Remarks: SET 30'-8" PVC CASING INDICTURE AT 390'. WOULD NOT MAKE WATER
 FOR SAMPLE. INSTALLED 500' ^{PVC} PERFORATED TO 300'. JOINTS GLUED + RIVETED
 RAN CABLE TO 300' 3200#

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: _____
 Ditch & 1 Cable: _____
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____

All Construction Completed

Edward Lanning
 (Signature)

GROUND BED LAYOUT SKETCH

← 174' →
 QUINN 335

G.B.

N

MO-TE DRILLING, INC.

Exhibit B

DAY Wednesday

DRILLER <u>Bob B.</u>	LEFT TOWN	ARRIVED FIELD
HELPER <u>Bill Buntz</u>	LEFT FIELD	ARRIVED TOWN
HELPER <u>Senay</u>	TOTAL FOOTAGE TODAY	

RIG NO. 2010 DATE 12-5-90 CLIENT Operation

BEGIN WORK ON HOLE NO. Quinn # 335 AT _____ FEET

BEGIN WORK ON HOLE NO. _____ AT _____ FEET

TIME		ACTIVITY
FROM	TO	
0	30	Sand & clay
30	70	Brown sandstone
70	100	grey shale
100	150	grey sandstone
150	180	grey shale
180	310	Grey hard sandstone, Pump (1250)
310	350	grey shale
350	380	grey sandstone
380	405	grey shale
405	460	grey sandstone
460	490	grey shale
490	500	grey sandstone
		(Not enough water for sample)

BIT RECORD		
SIZE & MAKE	SERIAL NO.	FOOTAGE
6 7/8 VANCE HILL		
CIRCULATION MATERIAL		
QUAN.	UNIT	MATERIAL

NO. OF LOADS OF WATER 1 SOURCE Bottom of Pump

san juan repr farm, nm Form 219-6

Meridian 011

CPS #: WELL NAME: QUINN 335 LOCATION: 17-31-8 DATE: 12-5-90

TOTAL VOLTS: 12.28 TOTAL AMPS: 12.8 OHMS RESISTANCE: 96

												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			365	.30		545			1	490	1.3	2.6
10			190			370	.20		550			2	480	2.1	4.3
15			195			375	.30		555			3	470	1.7	3.9
20			200	.30		380	.10	7	560			4	460	1.2	3.1
25			205	.30		385	.11		565			5	400	1.2	2.2
30			210	.10		390	.12	1	570			6	390	1.4	2.6
35			215	.20		395	.12		575			7	380	1.1	2.4
40			220	.30		400	.11	5	580			8	350	1.6	3.1
45			225	.20		405	.10		585			9	340	1.6	3.5
50			230	.30		410	.30		590			10	330	1.2	3.0
55			235	.20		415	.30		595						
60			240	.10		420	.30		600						
65			245	.10		425	.10		605						
70			250	.20		430	.50		610						
75			255	.30		435	.30		615						
80			260	.30		440	.40		620						
85			265	.30		445	.40		625						
90			270	.30		450	.30		630						
95			275	.30		455	.40		635						
100			280	.20		460	.11	4	640						
105			285	.20		465	.14		645						
110			290	.20		470	.14	3	650						
115			295	.30		475	.17		655						
120			300	.40		480	.17	2	660						
125			305	.30		485	.14		665						
130			310	.30		490	.13	1	670						
135			315	.90		495	.80		675						
140			320	.90		500			680						
145			325	.80		505			685						
150			330	.11	10	510			690						
155			335	.13		515			695						
160			340	.16	9	520			700						
165			345	.13		525			705						
170			350	.13	8	530			710						
175			355	.60		535			715						
180			360	.30		540			720						

REMARKS: SET 20' 8" PVC CASING. MOISTURE AT 290' WOULD
 NOT MAKE WATER FOR SAMPLE. RAN 500' OF 1" PVC PIPE
 PERFORATED FOR 300'. JOINTS GLUED & RIVETED
 RAN COKE TO 300' 3200#