

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

30-045-27626

Operator Meridian Oil Inc. Location: Unit Sec. 17 Twp 31 Rng 8

Name of Well/Wells or Pipeline Serviced Quinn #335

Elevation Completion Date 12-5-90 Total Depth 500' Land Type P

Casing Strings, Sizes, Types & Depths 20' of 8" diameter PVC

If Casing Strings are cemented, show amounts & types used 5 bags of Sackrete at Surface

If Cement or Bentonite Plugs have been placed, show depths & amounts used NA = None

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Damp at 290' Deep, Not Enough Water for Sample.

Depths gas encountered: NA = None

Ground bed depth with type & amount of coke breeze used: 500' Deep with 2000 LBS. of SWB = 99.9% Carbon Coke Breeze.

Depths anodes placed: 330', 340', 350', 360', 370', 400', 460', 470', 480' + 490'

Depths vent pipes placed: 0 to 500' Deep

Vent pipe perforations: From 300' to 500' Depth.

Remarks:

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 #		Scale:		Ins. Union Check	
		QUINN 335						☐ Good ☒ Bad WELLHEAD UNIONS	
Location:		Anode Size:		Anode Type:		Size Dia:			
SEC 17, T-31N, R-8W		2" X 60"		ANOTEC		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Cable Used		Last Completion Mch'd 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. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12.28		Amps 12.8		Ohms .96					

Remarks: SET 20'-8" PVC CASING MOISTURE 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 J. [Signature]
 (Signature)

GROUND BED LAYOUT SKETCH

← 174' →
 QUINN 335 G.B.

RECEIVED
 DEC 20 1990
 OIL CON. DIV.
 DIST. 3



MO-TE DRILLING, INC.

Exhibit B

DAY Wednesday

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

RIG NO. 206 DATE 12-5-90 CLIENT Mexican

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	Crumbly sandstone
70	100	gray shale
100	150	gray sandstone
150	180	gray shale
180	310	Dry hard sandstone, Pump 0210
310	350	gray shale
350	380	gray sandstone
380	405	gray shale
405	460	gray sandstone
460	490	gray shale
490	500	gray sandstone
		(Not enough water for sample.)

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

NO. OF LOADS OF WATER 1 SOURCE Bottom of Pump

san juan repr farm, nm Form 219-6

Meridian Oil

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	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.			NO.			NO.			COKE	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	.60	7	560			4	460	1.2	3.1
25			205	.30		385	.61		565			5	400	1.2	2.2
30			210	.10		390	.62	6	570			6	390	1.4	2.6
35			215	.20		395	.62		575			7	380	1.1	2.4
40			220	.30		400	.61	5	580			8	350	1.6	3.1
45			225	.20		405	.60		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	.60		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	1.1	4	640						
105			285	.20		465	1.4		645						
110			290	.20		470	1.4	3	650						
115			295	.30		475	1.7		655						
120			300	.40		480	1.7	2	660						
125			305	.30		485	1.4		665						
130			310	.30		490	1.3	1	670						
135			315	.90		495	.80		675						
140			320	.90		500			680						
145			325	.80		505			685						
150			330	1.1	10	510			690						
155			335	1.3		515			695						
160			340	1.6	9	520			700						
165			345	1.3		525			705						
170			350	1.3	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' RE 1" PVC PIPE
 PERFORATED FOR 300'. JOINTS GLUED & NUTTED
 RAN COKE TO 300' 3200#