

30-045-28094

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Inc. Location: Unit ___ Sec. 20 Twp 31 Rng 8Name of Well/Wells or Pipeline Serviced Quinn 339Elevation ___ Completion Date 12-4-90 Total Depth 500' Land Type PCasing Strings, Sizes, Types & Depths 20' of 8" dia PVC,If Casing Strings are cemented, show amounts & types used 5 bags of Sackrete at surfaceIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NA = NoneDepths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Moisture at 270' Deep. Sat all night & could not get enough water for a sample,Depths gas encountered: NA - NoneGround bed depth with type & amount of coke breeze used: 500' Deep with 2000 LBS. of SWB = 99.9% Carbon Coke Breeze.Depths anodes placed: 370', 375', 380', 385', 390', 395', 400', 405', 410', 416' Reg. No. 2Depths vent pipes placed: 0 to 500' DeepVent pipe perforations: From 280' to 500' Deep -

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

Exhibit A

Drilling Log (Attach Hereto) ☒Completion Date 12-4-9

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
6377W	QUINN 339			☒ Good ☐ Bad WELLHEAD CHECK
Location:	Anode Size:	Anode Type:	Size Bit:	
SEC. 20 T-3IN. R8W	2" X 60"	ANOTEC	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Loss Circulation Mat'l Used
500'	495'		2900#	
Anode Depth				
# 1 415'	# 2 410'	# 3 405'	# 4 400'	# 5 395'
# 6 390'	# 7 385'	# 8 380'	# 9 375'	# 10 370'
Anode Output (Amps)				
# 1 3.3	# 2 3.4	# 3 3.8	# 4 4.1	# 5 3.9
# 6 3.8	# 7 3.3	# 8 3.4	# 9 3.2	# 10 2.6
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	
Volts 12 Amps 7.1 Ohms 1.7			No. 2 C.P. Cable Used	

Remarks: SET 30' 8" PVC CASING. HOLE WET AT 270', NOT ENOUGH WATER IN HOLE NEXT MORNING FOR WATER SAMPLE. INSTALLED 500' 1" PVC. PERFORATED BOTTOM 300'. PVC JOINTS GLOVED AND RIVETED. RAN COKE TO 330'.

NOTE: QUINN #1 RECTIFIER DISCONNECTED. USED QUINN #1 WELLHEAD TO LOG NEW GROUND BED.

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

GROUND BED LAYOUT SKETCH

Edward J. Fleming
(Signature)

RECEIVED
JAN 07 1991
OIL CON. DIV.
DIST. 3

← 281' →
QUINN #339

G.B.
21' G.B. FOR QUINN #1
RECTIFIER



MO-TE DRILLING, INC.

Exhibit B

DAY Tuesday

DRILLER <u>P. L. B.</u>	LEFT TOWN	ARRIVED FIELD
HELPER <u>B. H. Santee</u>	LEFT FIELD	ARRIVED TOWN
HELPER <u>Gray</u>	TOTAL FOOTAGE TODAY	

RIG NO. 206 DATE 12-4-70 CLIENT Ap. 11, 12, 13, 14

BEGIN WORK ON HOLE NO. Guinn #337 AT _____ FEET

BEGIN WORK ON HOLE NO. _____ AT _____ FEET

TIME		ACTIVITY
FROM	TO	
0	40	Brown sand & clay
40	190	Brown sandstone, 41' sand clay
190	350	Gray sandstone
		water mixture 2-20' and all night
		couldn't get any sample.
3:50	420	Gray shale
420	500	Gray shiny sandstone

BIT RECORD

SIZE & MAKE	SERIAL NO.	FOOTAGE
1-6 3/4	B. H. S. 481	

CIRCULATION MATERIAL

QUAN.	UNIT	MATERIAL

NO. OF LOADS OF WATER 1 SOURCE B. H. S. Pump

san juan repr farm, nm Form 219-6

CONSTRUCTION LOGGING READINGS

Exhibit C

Meridian 011

CPS #:

WELL NAME: QUINN 339

LOCATION: 20-31-8 DATE: 12-4-90

TOTAL VOLTS: 1.2

TOTAL AMPS: 7.4

OHMS RESISTANCE:

1.7

DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	ANODE READINGS			
												NO.	DEPTH	NO COKE	WITH COKE
5			185			365	.60		545			1	415	1.1	3.3
10			190			370	.61	10	550			2	410	1.4	3.4
15			195			375	.64	9	555			3	405	1.4	3.8
20			200	.58		380	.64	8	560			4	400	1.5	4.1
25			205	.80		385	.62	7	565			5	395	1.5	3.9
30			210	.60		390	.61	6	570			6	390	1.3	3.8
35			215	.30		395	.60	5	575			7	385	1.4	3.3
40			220	.20		400	.61	4	580			8	380	1.8	3.4
45			225	.20		405	.62	3	585			9	375	1.5	3.2
50			230	.10		410	.61	2	590			10	370	1.6	2.6
55			235	.20		415	.80	1	595						
60			240	.40		420	.50		600						
65			245	.30		425	.50		605						
70			250	.30		430	.50		610						
75			255	.30		435	.70		615						
80			260	.20		440	.30		620						
85			265	.20		445	.20		625						
90			270	.10		450	.30		630						
95			275	.20		455	.40		635						
100			280	.20		460	.70		640						
105			285	.30		465	.30		645						
110			290	.30		470	.30		650						
115			295	.30		475	.30		655						
120			300	.30		480	.70		660						
125			305	.10		485	.70		665						
130			310	.10		490	.30		670						
135			315	.10		495	.30		675						
140			320	.10		500			680						
145			325	.20		505			685						
150			330	.20		510			690						
155			335	.40		515			695						
160			340	.50		520			700						
165			345	.30		525			705						
170			350	.40		530			710						
175			355	.30		535			715						
180			360	.50		540			720						

REMARKS: SET 20' 5" PVC CASING. HOLE WET AT 270'. NOT
 ENOUGH WATER IN HOLE NEXT MORNING FOR WATER SAMPLE
 RUN COKE TO 330', 2900#