

30-045-09276
30-045-20491
30-045-27135

4641

#2

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

Operator MERIDIAN OIL CO. Location: Unit N Sec. 34 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE A COM # 260, # 3, # 9

CDS 54w

Elevation 5716' Completion Date 8/20/90 Total Depth 65 Land Type N/A

Casing Strings, Sizes, Types & Depths 47ft. 8" PVC Casing

If Casing Strings are 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: Fresh, Clear
Salty, Sulphur, Etc. 30 ft. to 40 ft.

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used:
65 ft. with 500 lbs Ashbury Petroleum Coke

Depths anodes placed: 60ft., 53 ft.

Depths vent pipes placed: 65 ft.

Vent pipe perforations: 20'

Remarks: qb #3 Well #2

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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 include

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

30-045-09276
30-045-20491
30-045-27135

4642

#3

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

Operator MERIDIAN OIL CO. Location: Unit N Sec. 34 Twp. 30 Rng. C

Name of Well/Wells or Pipeline Serviced RIDDLE A COM # 260, #3, #9
cps 54w

Elevation 5716' Completion Date 8/20/90 Total Depth 65ft. Land Type N/A

Casing Strings, Sizes, Types & Depths 47 ft. 8" PVC Casing

If Casing Strings are 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: Fresh, Clear,
Salty, Sulphur, Etc. 30 to 40 ft.

Depths gas encountered: N/A

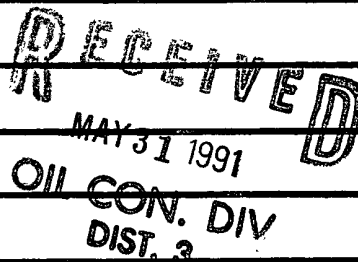
Ground bed depth with type & amount of coke breeze used: 65 ft. with 500 lbs Ashbury Petroleum Coke

Depths anodes placed: 53 ft. 45 ft.

Depths vent pipes placed: 65 ft.

Vent pipe perforations: 20'

Remarks: Log #3 Well #3



If any of the above data is unavailable, please indicate so. Copies of 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.

30-045-09376
30-045-20491
30-045-27135

4643

#4

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

Operator MERIDIAN OIL CO. Location: Unit N Sec. 34 Twp. 30 Rng. 9

Name of Well/Wells or Pipeline Serviced RIDDLE A COM # 260, #3, #9

CDS 54w

Elevation 5716 Completion Date 8/20/90 Total Depth 65 ft. Land Type N/A

Casing Strings, Sizes, Types & Depths 47 ft. 8" PVC Casing

If Casing Strings are cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts use

N/A

Depths & thickness of water zones with description of water: Fresh, Clear
Salty, Sulphur, Etc. 30 to 40 ft.

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used:

65 ft. with 500 lbs Ashbury Petroleum Coke

Depths anodes placed: 58ft, 50 ft.

Depths vent pipes placed: 65 ft.

Vent pipe perforations: 20'

Remarks: gab #3 Well #4

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OIL CON. DIV.
DIST. 2

If any of the above data is unavailable, please indicate so. Copies of a 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-Private.
If Federal or Indian, add Lease Number.

30-045-09276

30-045-20491

30-045-27135

46404

#5

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

Operator: MERIDIAN OIL CO. Location: Unit N Sec. 34 Twp. 30 Rng. 9

Name of Well/Wells or Pipeline Serviced RIDDLE A COM # 260, # 3, # 9

cps 54w

Elevation 5716 Completion Date 8/20/90 Total Depth 65 Land Type N/A

Casing Strings, Sizes, Types & Depths 87 ft. 8" PVC Casing

If Casing Strings are 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: Fresh, Clear

Salty, Sulphur, Etc. 30 to 40 ft.

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used:

65 ft. 500 lbs Ashbury Petroleum Coke

Depths anodes placed: 55 ft. & 48 ft.

Depths vent pipes placed: 65 ft.

Vent pipe perforations: 20'

Remarks: qb #3 Well #5 Well #6 CAVED AT 65' LOST 1 ANODE.

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OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of a 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-Private.
If Federal or Indian, add Lease Number.

Riddle A #3 30-045-09276

Riddle A #9 30-045-20491

Riddle A Com #260 30-045-27135

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 24 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE A #3, RIDDLE A #9,

RIDDLE A COM #260 cps 54w

Elevation 5716' Completion Date 11/8/61 Total Depth 100' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If 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. N/A HOLE MAKING WATER AND GAS

Depths gas encountered: N/A HOLE MAKING WATER AND GAS.

Type & amount of coke breeze used: 1020 lbs.

Depths anodes placed: 80', 72', 66', 60', 54'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: qgb #1 THIS HOLE PROBABLY CONTAINED LARGE CAVITY-ALSO WASTED COKE DUE TO

WATER FLOW.

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.

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MAY 31 1991
OIL CON. DIV.
DIST. 3

SAN JUAN DIVISION
WELL CASING CATHODIC PROTECTION
DAILY CONSTRUCTION
PROGRESS REPORT

DATE 11-8-61

WELL NAME - Riddle # 3-A WORK ORDER NO. 184-52155-50-30

NUMBER AND DEPTH OF HOLES: #1 100', #2 , #3 , #4 , #5 .

DEPTH OF EACH ANODE: #1 80', #2 72', #3 66', #4 60', #5 54', #6 , #7
#8 , #9 , #10 .

ANODE RESISTANCES: #1 1.5, #2 1.5, #3 2.0, #4 2.1, #5 1.5, #6 , #7
#8 , #9 , #10 .

TOTAL CIRCUIT RESISTANCE: .78 OHMS.

DRILLING LOG: (ATTACH HERETO)

AMOUNT OF COKE BREEZE PLACED IN EACH HOLE: #1 1020', #2 , #3
#4 , #5 .

ANY DIFFICULTIES ENCOUNTERED IN DRILLING:

ROCKS-

LOST CIRCULATION-

CASING INSTALLED-

DATE ALL CONSTRUCTION COMPLETED .

REMARKS:

Hole making water and gas had to have drill
stay in hole until we could load anodes

Top of coke at 38' tried to plug with dirt
unable to drilling dept. to handle plug.

215 lbs / ft - this hole probably contained large
cavity - also wasted coke due to water flows

E. J. A. Paul
SIGNATURE OF INSPECTOR

15
38
47

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

30-045-09276
30-045-20491
30-045-27135

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 24 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE A #3, RIDDLE A #9,

RIDDLE A COM #260 cps 54w

Elevation 5716' Completion Date 6/17/74 Total Depth 260' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If 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. 30'

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Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 170', 160', 150', 140', 130', 90', 80', 70', 60', 50'

Depths vent pipes placed: N/A

Vent pipe perforations: 150'

Remarks: Log #2 3 HOLES DRILLED, FIRST CAVED AT 40', SECOND CAVED AT 160'

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 6/17/74

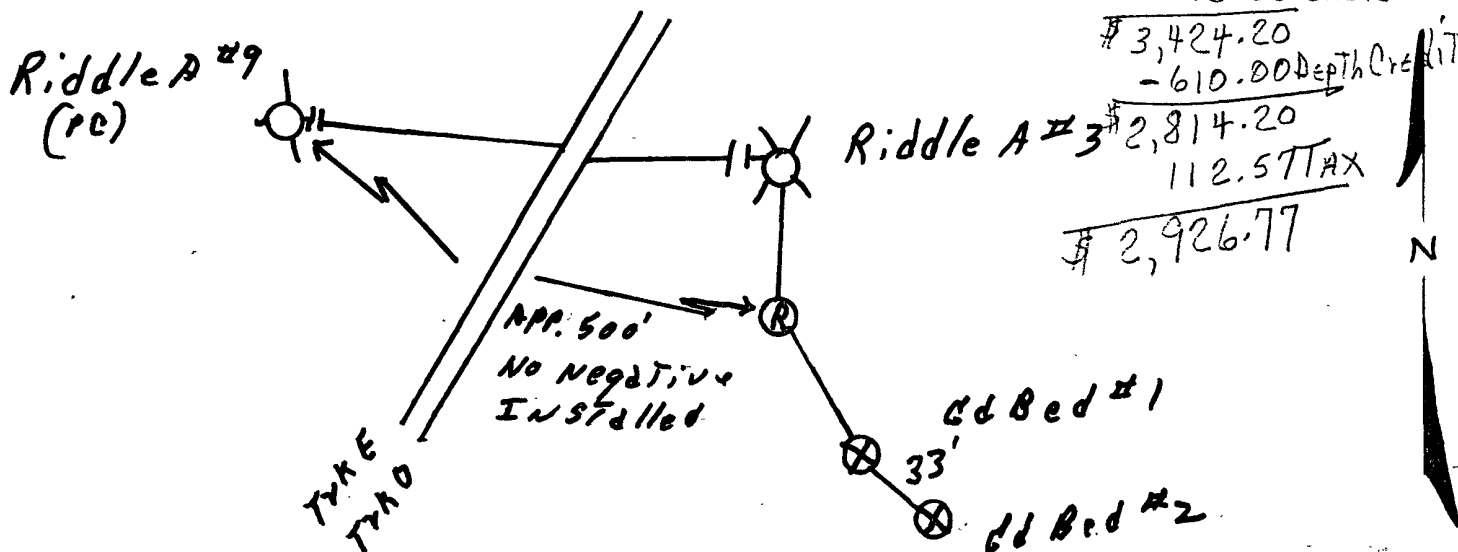
Well Name Riddle A #3		Location SW 24-30N-9W		CPS No. 54W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-52155.19-50	
Anode Hole Depth 160'	Total Drilling Rig Time	Total Lbs. Coke Used 3800 EST	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 170'	# 2 160'	# 3 150'	# 4 140'	# 5 130'	# 6 90'
# 7 80'	# 8 70'	# 9 60'	# 10 50'		
Anode Output (Amps)					
# 1 4.2	# 2 5.5	# 3 5.5	# 4 4.4	# 5 4.3	# 6 3.4
# 7 4.8	# 8 5.5	# 9 4.4	# 10 5.5		
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 11.2	Amps 18.0	Ohms 0.62		38'	

Remarks: Drilled Hole #1 with Air, cove in.
Drilled Hole #2 with Air, cove in
Drilled Hole #3 with Mud Driller said
water @ 30'. vent hose perforated 150'
pumped coke breeze to 20' complete by
slurry

All Construction Completed

Eduard R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

**DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
CRUSHING
FOUNDATIONS TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING**

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill GD 15 W

Date 6-17-74

Owner _____

CPJ 546

Location

City _____

State _____ County _____

County _____

[illegible]

Total Hours _____

Equipment Down-Time: 2.00

Hours Drilling 1 1/2

Driller W. J. Hadwell

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of _____

C.P.S. Engineer

Sheet-

Date:

8y

545

1st 2/04

$$14 \cdot 8 = x$$

Time	Location	Depth (ft)	Temperature (°F)	Notes
40	Water Stand, No. 9	40	3.0	
40		40	3.3	
50		30	3.6	
50		30	3.7	
60		40	3.2	
70		50	2.1	
80		60	3.4	
80		60	3.4	
90		90	4.8	
90		90	4.8	
100		100	2.0	
100		100	2.0	
110		110	1.9	
120		120	1.9	
130		130	1.9	
140		140	1.9	
150		150	1.9	
160		160	1.9	
170		170	1.9	
180		180	1.9	
190		190	1.9	
200		200	1.9	
210		210	1.9	
220		220	1.9	
230		230	1.9	
240		240	1.9	
250		250	1.9	
260		260	1.9	
270		270	1.9	
280		280	1.9	
290		290	1.9	
300		300	1.9	
310		310	1.9	
320		320	1.9	
330		330	1.9	
340		340	1.9	
350		350	1.9	
360		360	1.9	
370		370	1.9	
380		380	1.9	
390		390	1.9	
400		400	1.9	
410		410	1.9	
420		420	1.9	
430		430	1.9	
440		440	1.9	
450		450	1.9	
460		460	1.9	
470		470	1.9	
480		480	1.9	
490		490	1.9	
500		500	1.9	
510		510	1.9	
520		520	1.9	
530		530	1.9	
540		540	1.9	
550		550	1.9	
560		560	1.9	
570		570	1.9	
580		580	1.9	
590		590	1.9	
600		600	1.9	
610		610	1.9	
620		620	1.9	
630		630	1.9	
640		640	1.9	
650		650	1.9	
660		660	1.9	
670		670	1.9	
680		680	1.9	
690		690	1.9	
700		700	1.9	
710		710	1.9	
720		720	1.9	
730		730	1.9	
740		740	1.9	
750		750	1.9	
760		760	1.9	
770		770	1.9	
780		780	1.9	
790		790	1.9	
800		800	1.9	
810		810	1.9	
820		820	1.9	
830		830	1.9	
840		840	1.9	
850		850	1.9	
860		860	1.9	
870		870	1.9	
880		880	1.9	
890		890	1.9	
900		900	1.9	

Sheet

Date:

By

544

210H

$$176 = X$$

MAILED 5 TO 10.30
02/11/22 WITH MUD
02/11/22 SAID WATER @ 30'
VENT HOSE & RECORDED 126

Water Station 30'	Drilled with Mud	Driller Said Water @ 30'	VENT Hose Perforated 12"
40	3.0	3.0	4.0
50	0.9	3.2	3.0
60	3.0	3.2	3.0
70	2.7	3.2	3.0
80	3.4	3.2	3.0
90	4.5	3.0	3.0
100	1.7	1.7	1.7
110	1.70	3.1	4.2
120	1.60	3.6	5.5
130	1.50	3.8	5.5
140	1.40	3.2	4.4
150	1.30	1.2	4.3
160	1.2	1.6	3.4
170	1.1	1.6	4.8
180	1.0	1.6	5.9
190	0.9	1.6	4.4
200	0.8	1.6	5.5
210	0.7	1.6	4.4
220	0.6	1.6	5.5
230	0.5	1.6	4.4
240	0.4	1.6	5.5
250	0.3	1.6	4.4
260	0.2	1.6	5.5
270	0.1	1.6	4.4
280	0.0	1.6	5.5
290	0.0	1.6	4.4
300	0.0	1.6	5.5

~~CS 17~~

10/15/19

$$\begin{array}{r} 105 \\ 165 \\ \hline 270 \end{array}$$

[illegible]

3807

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

#15

Drilling Log (Attach Hereto) ☐

Completion Date 8-20-90

CPS #		Well Name, Line or Plant:		Work Order #		State:		Ins. Union Check	
54-w		Riddle A com #260						☒ Good ☐ Bad	
		Riddle A com #3							
		Riddle A com #9							
Location:		Anode Size:		Anode Type:		Size Bit:			
N34-30-9		2" x 60"		ANOTEC		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
#1		#2				#3		#4	
Anode Depth									
#1 60		#2 53		#3 60		#4 53		#5 53	
Anode Output (Amps)									
#1 5.9		#2 7.0		#3 6.8		#4 6.8		#5 6.0	
Anode Depth									
#11		#12		#13		#14		#15	
Anode Output (Amps)									
#11		#12		#13		#14		#15	
Total Circuit Resistance									
Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

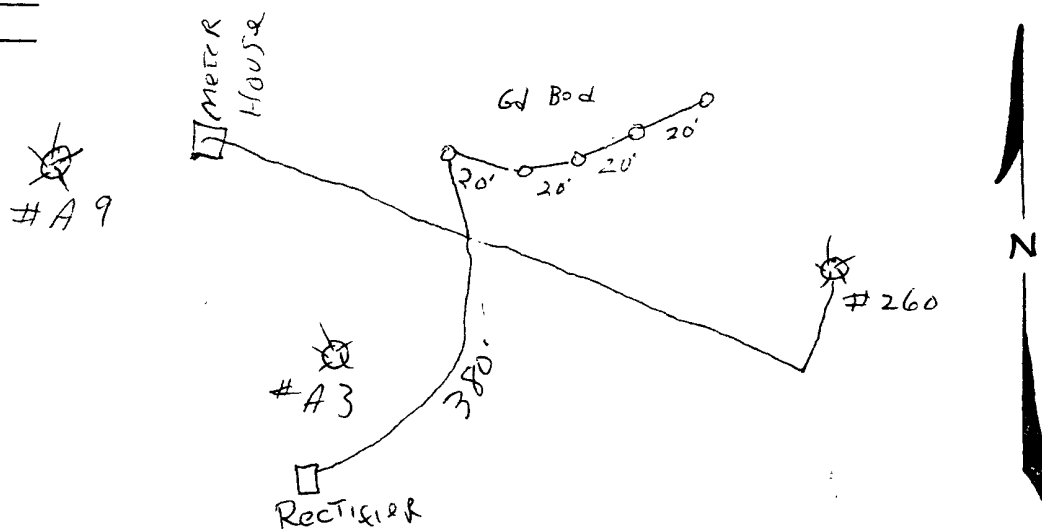
Remarks: Drilled 5 holes and loaded 2 Anode per hole. Installed 1" PVC Vent Pipe in each hole. Average hole depth approximately 65'. Approximately 500 lbs. coke per hole. Water standing at approximately 40" in hole. Perforated 20' on each Vent Pipe.

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 20'
 Ditch & 1 Cable: 460'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Willis Knight, Jr.
(Signature)

GROUND BED LAYOUT SKETCH



BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

COMPANY MERIDIAN OIL DAILY DRILLING REPORT 8-20, 1990

WELL NAME: <u>Riddle A-Com</u>	WELL NUMBER: <u>260</u>	SECTION: <u>N 24</u>	TOWNSHIP: <u>30</u>	RANGE: <u>9</u>
WATER AT:		FEET:	HOLE MADE:	

DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
Well #1			
0	50'	8" PVC CASING (SAND-GRAVEL)	
50'	70'	shale	
70'	100'	SAND-GAS-ATTEMPTED TO CEMENT	
HAD TO DRILL CEMENT BACK TO 80' - B.J. HUGHES BACK TO SURFACE			
Well #2			
0	47'	8" PVC CASING (SAND-GRAVEL)	
47'	70'	shale	
Well #3			
0	47'	8" PVC CASING (SAND-GRAVEL)	
47'	65'	shale	
Well #4			
0	47'	8" PVC CASING (SAND-GRAVEL)	
47'	65'	shale	
Well #5			
0	47'	8" PVC CASING (SAND-GRAVEL)	
47'	65'	shale	
Well #6	- LOST DUE TO CASING SPLIT DUE TO GRAVEL		
(Well #7)	0	45'	8" PVC CASING (SAND-GRAVEL)
	45'	65'	shale

REMARKS: Well #1 (ABANDONED - CEMENTED / REDRILLED / CEMENTED) DRILLED WITH MUD
Well #5 (LOST - DRILLED UP 1 ANODE & WIRE, DUE TO GRAVEL & SAND RUNNING)
~~REPLACED / RECOMPLETED~~ Well #6 (LOST DUE TO GRAVEL)

Driller Brian E. Burge Tool Dresser

SET TWO ANODES IN 5 holes

TOTAL DAYS TO complete 7 days

CONSTRUCTION LOGGING READINGS

Meridan Oil

CPS #: 54W WELL NAME: Riddle A com² 260 LOCATION: N24-30-9 DATE: 8-20-90

TOTAL VOLTS: 12.5 TOTAL AMPS: 7.0 OHMS RESISTANCE: 1.8

Hole # 5 at 5

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.			COKE	COKE
5			185			365			545			1	55	3.5	5.3
10			190			370			550			2	48	4.5	6.4
15			195			375			555						
20			200			380			560						
25			205			385			565						
30			210			390			570						
35			215			395			575						
40			220			400			580						
45	1.2		225			405			585						
50	3.2		230			410			590						
55	2.6		235			415			595						
60	2.5		240			420			600						
65	62'	TD	245			425			605						
70			250			430			610						
75			255			435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110			290			470			650						
115			295			475			655						
120			300			480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140			320			500			680						
145			325			505			685						
150			330			510			690						
155			335			515			695						
160			340			520			700						
165			345			525			705						
170			350			530			710						
175			355			535			715						
180			360			540			720						

REMARKS: Set 45' of 8" PVC casing

CONSTRUCTION LOGGING READINGS

CPS #: 54-W WELL NAME: Riddle A cam 260 LOCATION: N24-30-9 DATE: 8-17-90

TOTAL VOLTS: 12.46 TOTAL AMPS: 8.3 OHMS RESISTANCE: 1.5

Note #4 of 5

												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			545			1	58	2.8	5.2
10			190			370			550			2	50	3.8	6.8
15			195			375			555						
20			200			380			560						
25			205			385			565						
30			210			390			570						
35			215			395			575						
40			220			400			580						
45	1.6		225			405			585						
50	2.9	2	230			410			590						
55	2.5		235			415			595						
60	2.0	1	240			420			600						
65	2.0		245			425			605						
70	6.6	TD	250			430			610						
75			255			435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110			290			470			650						
115			295			475			655						
120			300			480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140			320			500			680						
145			325			505			685						
150			330			510			690						
155			335			515			695						
160			340			520			700						
165			345			525			705						
170			350			530			710						
175			355			535			715						
180			360			540			720						

REMARKS: Set 45' of 8" PVC casing

CONSTRUCTION LOGGING READINGS

Meriden 011

CPS #: 54-W WELL NAME: Riddle A Com #260 LOCATION: N24309 DATE: 8-17-90

TOTAL VOLTS: 12.4 TOTAL AMPS: 10.2 OHMS RESISTANCE: -1.2

Note # 3 of 5

												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			545			1	53	3.7	6.0
10			190			370			550			2	45	5.4	8.2
15			195			375			555						
20			200			380			560						
25			205			385			565						
30			210			390			570						
35			215			395			575						
40	3.5		220			400			580						
45	3.9	2	225			405			585						
50	3.1		230			410			590						
55	2.9	1	235			415			595						
60	2.6		240			420			600						
65	62'	TD	245			425			605						
70			250			430			610						
75			255			435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110			290			470			650						
115			295			475			655						
120			300			480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140			320			500			680						
145			325			505			685						
150			330			510			690						
155			335			515			695						
160			340			520			700						
165			345			525			705						
170			350			530			710						
175			355			535			715						
180			360			540			720						

REMARKS: Set 40' of 8" PVC casing

CONSTRUCTION LOGGING READINGS

Meridan Oil

CPS #: 54-W WELL NAME: Riddle Acom²⁶⁰ LOCATION: N/24-30-9 DATE: 8-16-90

TOTAL VOLTS: 2.9 TOTAL AMPS: 5.6 DIMS RESISTANCE: 1.6

Hole #1 of 5

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.			COKE	COKE
5			185			365			545			1	60	3.5	3.9
10			190			370			550			2	53	3.8	7.0
15			195			375			555						
20			200			380			560						
25			205			385			565						
30			210			390			570						
35			215			395			575						
40			220			400			580						
45			225			405			585						
50	23		230			410			590						
55	3.0	2	235			415			595						
60	2.9	1	240			420			600						
65	2.2	TD	245			425			605						
70			250			430			610						
75			255			435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110			290			470			650						
115			295			475			655						
120			300			480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140			320			500			680						
145			325			505			685						
150			330			510			690						
155			335			515			695						
160			340			520			700						
165			345			525			705						
170			350			530			710						
175			355			535			715						
180			360			540			720						

REMARKS: Set 4 8" of 8" PVC casing

CONSTRUCTION LOGGING READINGS

Meriden Oil

CPS #: 54-w WELL NAME: Riddle A Com 260 LOCATION: DATE: 8-16-90

TOTAL VOLTS: 12.5 TOTAL AMPS: 7.7 OHMS RESISTANCE: - 1.62

Hole #2 of 5

DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	ANODE READINGS		
												NO.	DEPTH	WITH COKE
5			185			365			545			1	60	3.4
10			190			370			550			2	53	3.7
15			195			375			555					6.1
20			200			380			560					6.8
25			205			385			565					
30			210			390			570					
35			215			395			575					
40			220			400			580					
45			225			405			585					
50	3.1	2	230			410			590					
55	2.9		235			415			595					
60	2.7	1	240			420			600					
65	2.0		245			425			605					
70	2.0	TD	250			430			610					
75			255			435			615					
80			260			440			620					
85			265			445			625					
90			270			450			630					
95			275			455			635					
100			280			460			640					
105			285			465			645					
110			290			470			650					
115			295			475			655					
120			300			480			660					
125			305			485			665					
130			310			490			670					
135			315			495			675					
140			320			500			680					
145			325			505			685					
150			330			510			690					
155			335			515			695					
160			340			520			700					
165			345			525			705					
170			350			530			710					
175			355			535			715					
180			360			540			720					

REMARKS: Set 47" of 8" PVC casing