

1 = 30-045-09804
251 = 30-045-26937
E2 = 30-045-26425

3549

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 D Sec. 4 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE #1, #251, E #2

cps 2089w

Elevation 6216' Completion Date 2/2/89 Total Depth 360' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF 8" CASING

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. 60' NO SAMPLE

Depths gas encountered: N/A

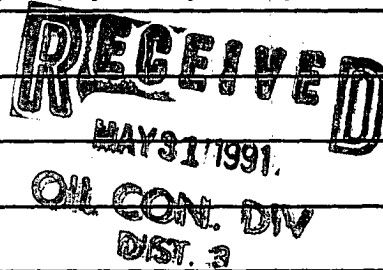
Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 255', 245', 235', 225', 215', 195', 185'

Depths vent pipes placed: 360'

Vent pipe perforations: 320'

Remarks: gb #2



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) ☒

Comp *JS* 2-6-89
Completion Date 2-2-89

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
2089-w	RIDDLE #251 RIDDLE E #2	3112A 54089A	600' NE = .77	☒ Good ☐ Bad
Location: DE4-30.9	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled 360'	Depth Logged 355'	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
Anode Depth				
# 1 300'	# 2 290'	# 3 255'	# 4 245'	# 5 235'
# 6 225'	# 7 215'	# 8 205'	# 9 195'	# 10 185'
Anode Output (Amps)				
# 1 3.7	# 2 4.7	# 3 4.3	# 4 5.2	# 5 5.0
# 6 5.0	# 7 4.6	# 8 4.5	# 9 4.0	# 10 4.8
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 11.89	Amps 22.0	Ohms .540		

Remarks: DRILLED 360'; LOGGED 355'. DRILLER SAID WATER AT
60' NO SAMPLE. INSTALLED 360' of 1" PVC VENT PIPE
PERFORATED BOTTOM 320'. SET 40' of 8" SURFACE CASING

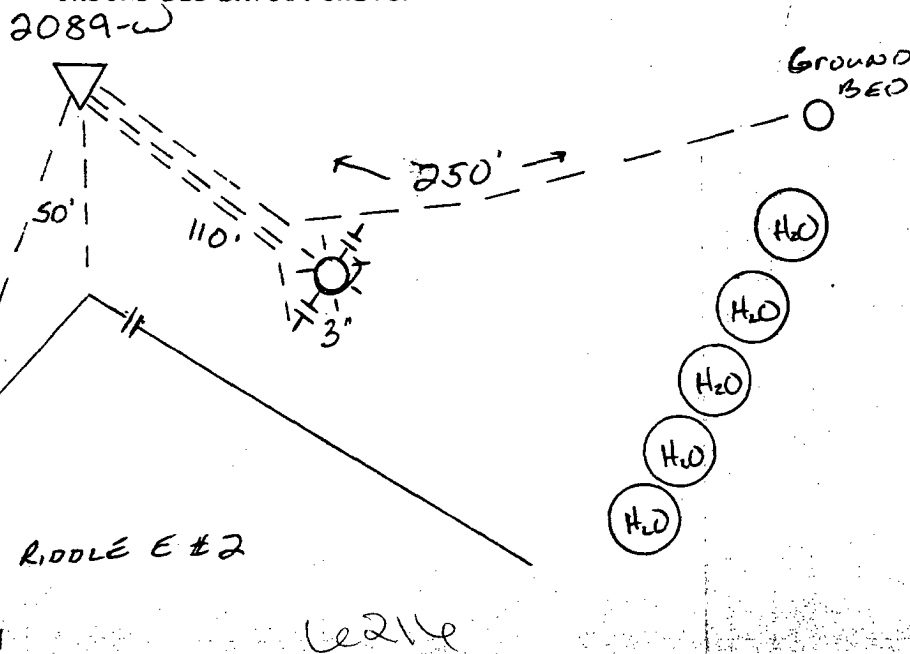
* Build power TO LOCATION. ESTIMATE 200'
 * DITCH NEGATIVE TO RIDDLE "E" #2 600'

Rectifier Size: 40 v 16 A
 Addn'l Depth
 Depth Credit: 145' 350
 Extra Cable: 270' .24
 Ditch & 1 Cable: 900' .70
 25' Meter Pole:
 20' Meter Pole: 1
 10' Stub Pole:
 Junction Box: 1

All Construction Completed

mswill
 (Signature)

GROUND BED LAYOUT SKETCH



CASING 1 hr
 4074.00
 669.00
 -507.50 ✓
 64.80 ✓
 630.00 ✓
 297.00 ✓
 225.00 ✓
 -138.00 ✓
 5590.30 ✓
 279.52 ✓
 5869.82 OK

D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Riddle #251 Date 2-2-89
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance
and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	20	SAND
20	50	SANDSTONE
50	100	SAND & GRAVEL
100	120	SANDSTONE
120	145	SANDY SHALE
145	160	SANDSTONE
160	260	SHALE
260	280	SANDSTONE
280	360	SANDY SHALE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 60'

40' casing 1 hr

Driller Ronnie Brown