

3 30-045-09334

7 30-045-20848

222 30-045-27109

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 K Sec. 23 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced RIDDLE B #3, #7, #222

cps 2080w

Elevation 6204' Completion Date 1/20/89 Total Depth 360' 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. 80' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 335', 325', 315', 300', 290', 280', 225', 215', 180', 170'

Depths vent pipes placed: 355'

Vent pipe perforations: 300'

Remarks: (gb #2)

RECEIVED

MAY 31 1991

OIL CON.

DIST

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 1-20-89

CPS #	Well Name, Line or Plant: <u>#37</u>	Work Order #	Static:	Ins Union Check
<u>2080-w</u>	<u>RIDDLE 'B' #222</u>	<u>3386A</u>	<u>600' S = .713</u>	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
<u>K 23-30-10</u>	<u>2" x 60"</u>	<u>Duriron</u>	<u>6 3/4"</u>	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Goke Used	No Sacks Mud Used
<u>360'</u>	<u>351'</u>			
Anode Depth				
# 1 <u>335'</u>	# 2 <u>325'</u>	# 3 <u>315'</u>	# 4 <u>300'</u>	# 5 <u>290'</u>
# 6 <u>280'</u>	# 7 <u>225'</u>	# 8 <u>215'</u>	# 9 <u>180'</u>	# 10 <u>170'</u>
Anode Output (Amps)				
# 1 <u>3.1</u>	# 2 <u>4.0</u>	# 3 <u>2.1</u>	# 4 <u>2.5</u>	# 5 <u>3.6</u>
# 6 <u>3.4</u>	# 7 <u>3.7</u>	# 8 <u>3.9</u>	# 9 <u>3.5</u>	# 10 <u>3.3</u>
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	Volts		Amps	ohms
	<u>1183</u>		<u>16.9</u>	<u>.70</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used	

Remarks: DRILLED TO 360'; LOGGED 351'. DRILLER SAID
WATER AT 80', NO SAMPLE. INSTALLED 355' of
1" PVC VENT PIPE, PERFORATED BOTTOM 300'. SET 60' of
6" CASING 1 hr.

Rectifier Size: 40 V 16 A
 Addn'l Depth
 Depth Credit: 149' 3.50
 Extra Cable: 730' 24
 Ditch & 1 Cable: 785' 70
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: 1
 Junction Box: 1

All Construction Completed

M. J. Williams
 (Signature) 81A-w

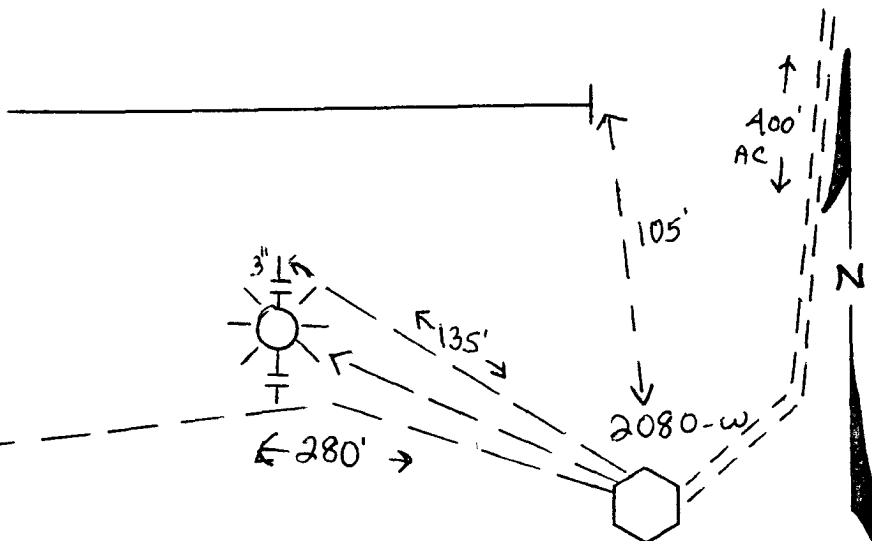
GROUND BED LAYOUT SKETCH

4074.00
 669.00
 -521.50 ✓
 175.20 ✓
 549.50 ✓
 158.50 ✓
 225.00 (CASING)
 138.00 (1 hr.)
 5467.70 ✓
 273.39
5741.09 *OK*

(H₂O)
 (H₂O)

GROUND BED
 OK

6204



D. Crass DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Riddle B #222 Date 1-19-89
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
<u>0</u>	<u>75</u>	<u>SAND</u>
<u>75</u>	<u>100</u>	<u>shale</u>
<u>100</u>	<u>115</u>	<u>SANDSTONE</u>
<u>115</u>	<u>190</u>	<u>shale</u>
<u>190</u>	<u>210</u>	<u>SANDSTONE</u>
<u>210</u>	<u>360</u>	<u>shale</u>

Mud _____ Brm _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 80'

Driller RONNIE BROWN