

3538 30-045-26865

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 0 Sec. 27 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced CALLOWAY #1A

cps 2095w

Elevation 5684' Completion Date 2/14/89 Total Depth 340' Land Type* N/A

Casing, Sizes, Types & Depths 72' OF 8" STEEL CASING

(RAN 133' OF 7" CASING WHEN PLUGGED AND ABANDONED)

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

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

(43 sxs class "B" 2% Calcium Chloride, w/ 1/4" sx cello'seal plug down)

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 75' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 313', 306', 299', 292', 285', 278', 271', 264', 250'

Depths vent pipes placed: 340'

Vent pipe perforations: 280'

Remarks: gb #1 PLUGGED AND ABANDONED MAY 1990.

RECEIVED

MAY 31 1991

OIL CON. D.
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 included.

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

Plug and Abandon

2095W Calloway #1A

0 27-31-11

1990

April 23 Tried to clean hole using air compressor on rig, spent most of Monday blowing down 1" vent pipe to clean coke breeze from hole (not successful)

April 24 Spent most of day rigging up. Building rig pad. Ground soft from all the rain, rigged up, dug pits.

April 25 Drilling below 100' starting making lots of water - filled all reserve pits, shut down about 1:00 P.M., raining.

April 26 Enlarged pits, drilling, making 150-200 bbls. water for 20' of hole. Dawn Trucking hauling water to McGrath #4 (plugged filter system) had to go to Basin Disposal, spent most of day waiting on trucks.

April 27 Mixed mud and tried to circulate (not successful).

April 28 Running 7" casing sleeve in 8 5/8" casing. Welding all joints.

April 29 Shut down.

April 30 Finished running 7" casing, ran 133' of 7" casing.

May 1 Drilling 6 3/4" hole below 7" casing, drilled to 320'.

May 2 *20' Cement* Rigged up. Western to cement. Cemented w/43 sxs class "B" 2% Calcium chloride, w/- 1/4" sx cello-seal plug down, - 2:00 P.M. W.O.C.

May 3 W.O.C.

May 4 Blew well clean, tagged cement @ 221', bottom of casing 133', - 12' plug in bottom of 7" - pulled drill pipe - rigged down.

doc 27
MDM:jf
5/8/90

CPS 2095

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach hereto) ☒Completion Date 2-14-89

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
2095-W	CALLOWAY #1-A		600' S = .815	☒ Good ☐ Bad
Location: <u>0</u> <u>SE 27-31-11</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled <u>340'</u>	Depth Logged <u>335'</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
Anode Depth				
# 1 <u>320'</u>	# 2 <u>313'</u>	# 3 <u>306'</u>	# 4 <u>299'</u>	# 5 <u>292'</u>
# 6 <u>285'</u>	# 7 <u>278'</u>	# 8 <u>271'</u>	# 9 <u>264'</u>	# 10 <u>250'</u>
Anode Output (Amps)				
# 1 <u>3.2</u>	# 2 <u>4.4</u>	# 3 <u>5.1</u>	# 4 <u>5.1</u>	# 5 <u>5.3</u>
# 6 <u>4.5</u>	# 7 <u>5.8</u>	# 8 <u>5.9</u>	# 9 <u>5.7</u>	# 10 <u>5.8</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			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts <u>12.08</u>	Amps <u>20.5</u>	Ohms <u>.589</u>		

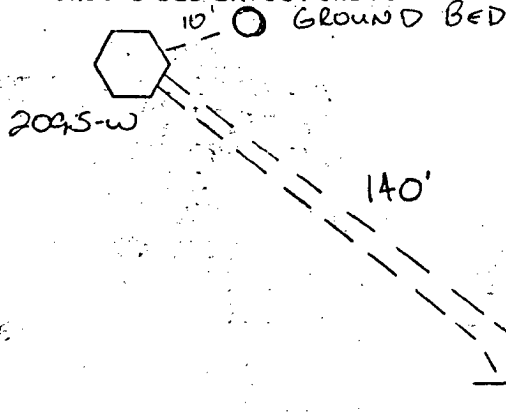
Remarks: DRILLED 340', LOGGED 335'. DRILLER SAID WATER AT 75'
NO SAMPLE. CABLE TOOL RIG SET 72' OF 8" STEEL CASING
INSTALLED 340' OF 1" PVC VENT PIPE, PERFORATED BOTTOM
280'

Rectifier Size: 40 v 16 A
 Addn'l Depth _____
 Depth Credit: 165' 3.50
 Extra Cable: 170' .24
 Ditch & 1 Cable: 150' .70
 25' Meter Pole: _____
 20' Meter Pole: 1
 10' Stub Pole: _____
 Junction Box: 1
 CABLE TOOL 27.50 X 72

All Construction Completed

M. J. Williams
 (Signature)

GROUND BED LAYOUT SKETCH



4074.00
 669.00
 - 577.50 ✓
 40.80 ✓
 105.00 ✓
 297.00 ✓
 225.00 ✓
 1980.00 ✓
 6813.30
 340.67 ✓

5684

Powell Jones DRILLING CO.

Drill No. 2-1

DRILLER'S WELL LOG

S. P. No. Callaway 1st Date 2-14-88
Client Meridian oil Prospect _____
County San Juan State N. Mex

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	80	mesquite
80	160	Sandy shale, sandstone
160	260	Sandstone
260	325	shale, sandy shale
325	340	sandstone

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 75'

Driller P. M. Mitt