

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-32703                                                                        |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |

| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                               |                                                                     |                                         |                                                         |                                        |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|----------------------------------------|--------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____                                                                                 |                                                                     |                                         | 7. Lease Name or Unit Agreement Name<br><br>NOVEMBER 16 |                                        |                                      |
| b. Type of Completion:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____ |                                                                     |                                         | 8. Well No.<br>1                                        |                                        |                                      |
| 2. Name of Operator<br>MARALO, INC.                                                                                                                                                                                          |                                                                     |                                         | 9. Pool name or Wildcat<br>WILDCAT (DEVONIAN)           |                                        |                                      |
| 3. Address of Operator<br>P. O. BOX 832, MIDLAND, TX 79702                                                                                                                                                                   |                                                                     |                                         |                                                         |                                        |                                      |
| 4. Well Location<br>Unit Letter J : 2240 Feet From The SOUTH Line and 2310 Feet From The EAST Line<br>Section 16 Township 13S Range 38E NMPM LEA County                                                                      |                                                                     |                                         |                                                         |                                        |                                      |
| 10. Date Spudded<br>11-07-94                                                                                                                                                                                                 | 11. Date T.D. Reached<br>12-12-94                                   | 12. Date Compl. (Ready to Prod.)<br>N/A | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3820'        | 14. Elev. Casinghead                   |                                      |
| 15. Total Depth<br>12,537'                                                                                                                                                                                                   | 16. Plug Back T.D.<br>-                                             | 17. If Multiple Compl. How Many Zones?  | 18. Intervals Drilled By<br>Rotary Tools<br>0- TD       | Cable Tools                            |                                      |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                            |                                                                     |                                         |                                                         | 20. Was Directional Survey Made<br>YES |                                      |
| 21. Type Electric and Other Logs Run<br>GR/BHC/SHDT, GR/CN/CCL                                                                                                                                                               |                                                                     |                                         |                                                         | 22. Was Well Cored<br>NO               |                                      |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                           |                                                                     |                                         |                                                         |                                        |                                      |
| CASING SIZE                                                                                                                                                                                                                  | WEIGHT LB/FT.                                                       | DEPTH SET                               | HOLE SIZE                                               | CEMENTING RECORD                       | AMOUNT PULLED                        |
| 13 3/8"                                                                                                                                                                                                                      | 54.5#                                                               | 450'                                    | 17 1/2"                                                 | 450 SXS - CIRC TO SURF.                |                                      |
| 8 5/8"                                                                                                                                                                                                                       | 28#                                                                 | 4600'                                   | 12 1/4"                                                 | 1950 SXS - CIRC TO SURF.               |                                      |
| 5 1/2"                                                                                                                                                                                                                       | 17#                                                                 | 12436'                                  | 7 7/8"                                                  | 250 SXS - TOC @ 10320'                 |                                      |
| 24. LINER RECORD                                                                                                                                                                                                             |                                                                     |                                         |                                                         |                                        |                                      |
| SIZE                                                                                                                                                                                                                         | TOP                                                                 | BOTTOM                                  | SACKS CEMENT                                            | SCREEN                                 |                                      |
| 4 1/2"                                                                                                                                                                                                                       | 12340'                                                              | 12426'                                  | 50 SXS CL. "H"                                          |                                        |                                      |
| 26. Perforation record (interval, size, and number)<br>HOLDING WELLBORE FOR FUTURE SMD.                                                                                                                                      |                                                                     |                                         | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         |                                        |                                      |
|                                                                                                                                                                                                                              |                                                                     |                                         | DEPTH INTERVAL                                          | AMOUNT AND KIND MATERIAL USED          |                                      |
|                                                                                                                                                                                                                              |                                                                     |                                         |                                                         |                                        |                                      |
|                                                                                                                                                                                                                              |                                                                     |                                         |                                                         |                                        |                                      |
| 28. PRODUCTION                                                                                                                                                                                                               |                                                                     |                                         |                                                         |                                        |                                      |
| Date First Production                                                                                                                                                                                                        | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                         |                                                         |                                        | Well Status (Prod. or Shud-in)<br>SI |
| Date of Test                                                                                                                                                                                                                 | Hours Tested                                                        | Choke Size                              | Prod'n For Test Period                                  | Oil - Bbl.                             | Gas - MCF                            |
| Flow Tubing Press.                                                                                                                                                                                                           | Casing Pressure                                                     | Calculated 24-Hour Rate                 | Oil - Bbl.                                              | Gas - MCF                              | Water - Bbl.                         |
|                                                                                                                                                                                                                              |                                                                     |                                         |                                                         |                                        | Oil Gravity - API - (Corr.)          |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                   |                                                                     |                                         |                                                         |                                        | Test Witnessed By                    |
| 30. List Attachments<br>DEVIATION SURVEY, TEMPERATURE SURVEY.                                                                                                                                                                |                                                                     |                                         |                                                         |                                        |                                      |
| 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief                                                                                       |                                                                     |                                         |                                                         |                                        |                                      |
| Signature <i>Dorothea Logan</i>                                                                                                                                                                                              |                                                                     |                                         | Printed Name DOROTHEA LOGAN                             | Title REGULATORY ANALYST               | Date 06/23/95                        |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

|                            |                                 |
|----------------------------|---------------------------------|
| T. Anhy _____              | T. Canyon _____                 |
| T. Salt _____              | T. Strawn _____                 |
| B. Salt _____              | T. Atoka <b>CLASTICS 11103'</b> |
| T. Yates _____             | T. Miss <b>LS 11630'</b>        |
| T. 7 Rivers _____          | T. Devonian <b>12426'</b>       |
| T. Queen _____             | T. Silurian _____               |
| T. Grayburg _____          | T. Montoya _____                |
| T. San Andres <b>4560'</b> | T. Simpson _____                |
| T. Glorieta <b>6095'</b>   | T. McKee _____                  |
| T. Paddock _____           | T. Ellenburger _____            |
| T. Blinbry _____           | T. Gr. Wash _____               |
| T. Tubb <b>7342'</b>       | T. Delaware Sand _____          |
| T. Drinkard _____          | T. Bone Springs _____           |
| T. Abo <b>8017'</b>        | T. _____                        |
| T. Wolfcamp <b>9747'</b>   | T. _____                        |
| T. Penn _____              | T. _____                        |
| T. Cisco (Bough C) _____   | T. _____                        |

### Northwestern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Cliff House _____        | T. Leadville _____     |
| T. Menefee _____            | T. Madison _____       |
| T. Point Lookout _____      | T. Elbert _____        |
| T. Mancos _____             | T. McCracken _____     |
| T. Gallup _____             | T. Ignacio Otzte _____ |
| Base Greenhorn _____        | T. Granite _____       |
| T. Dakota _____             | T. _____               |
| T. Morrison _____           | T. _____               |
| T. Todilto _____            | T. _____               |
| T. Entrada _____            | T. _____               |
| T. Wingate _____            | T. _____               |
| T. Chinle _____             | T. _____               |
| T. Permian _____            | T. _____               |
| T. Penn "A" _____           | T. _____               |

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From  | To    | Thickness<br>in Feet | Lithology                 | From  | To    | Thickness<br>in Feet | Lithology                |
|-------|-------|----------------------|---------------------------|-------|-------|----------------------|--------------------------|
| 0     | 700   | 700                  | SURF. SAND & REDBED       | 10422 | 10896 | 446                  | LIME, DOLO & SHALE       |
| 700   | 2330  | 1630                 | ANHY.                     | 10896 | 11100 | 232                  | LIME, DOLO & SHALE       |
| 2330  | 3160  | 830                  | SALT & ANHY.              | 11100 | 11305 | 205                  | SHALE, SAND, DOLO & LIME |
| 3160  | 3995  | 835                  | SALT & ANHY.              | 11305 | 11577 | 272                  | SHALE, SAND & DOLO       |
| 3995  | 4480  | 485                  | SALT & ANHY.              | 11577 | 11713 | 136                  | SHALE, SAND & CHERT      |
| 4480  | 4600  | 120                  | ANHY.                     | 11713 | 11958 | 245                  | SHALE, LIME & CHERT      |
| 4600  | 5040  | 440                  | ANHY & DOLO.              | 11958 | 12173 | 215                  | LIME & SHALE             |
| 5040  | 5665  | 625                  | DOLO.                     | 12173 | 12294 | 121                  | LIME & SHALE             |
| 5665  | 6242  | 577                  | ANHY, DOLO & SAND         | 12294 | 12401 | 107                  | SHALE, LIME & DOLO       |
| 6242  | 6803  | 563                  | DOLO, LIME & SAND         | 12401 | 12438 | 37                   | LIME & SHALE             |
| 6803  | 7352  | 547                  | DOLO, LIME.               |       |       |                      |                          |
| 7352  | 7750  | 398                  | DOLO & ANHY.              |       |       |                      |                          |
| 7750  | 8335  | 585                  | DOLO, ANHY. & SHALE       |       |       |                      |                          |
| 8335  | 8830  | 495                  | DOLO, ANHY. & SHALE       |       |       |                      |                          |
| 8830  | 9155  | 325                  | DOLO, LIME & SHALE        |       |       |                      |                          |
| 9155  | 9590  | 435                  | LIME, SHALE & CHERT       |       |       |                      |                          |
| 9590  | 9950  | 360                  | LIME, SHALE, DOLO & CHERT |       |       |                      |                          |
| 9950  | 10038 | 88                   | DOLO, SHALE & LIME        |       |       |                      |                          |
| 10038 | 10327 | 289                  | DOLO, SHALE & LIME        |       |       |                      |                          |
| 10327 | 10422 | 95                   | DOLO & SHALE              |       |       |                      |                          |

**RECEIVED**

JUL 26 1895  
 U.S. GEOLOGICAL  
 SURVEY  
 OFFICE

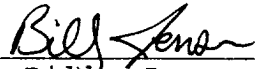
WELL NAME AND NUMBER: NOVEMBER "16" #1  
LOCATION: Sec.16 T13S R38E LEA CO.  
OPERATOR: MARALO INC.  
DRILLING CONTRACTOR: ZIADRIL, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well, and that he has conducted deviation tests and obtained the following results:

| <u>DEGREES AND DEPTH</u> | <u>DEGREES AND DEPTH</u> | <u>DEGREES AND DEPTH</u> |
|--------------------------|--------------------------|--------------------------|
| 1.00 450'                | 1.50 7452'               |                          |
| .75 670'                 | .50 7950'                |                          |
| .75 1012'                | 1.00 8450'               |                          |
| 1.50 1358'               | .75 8841'                |                          |
| .75 1607'                | .50 9340'                |                          |
| .25 1857'                | .25 9837'                |                          |
| 1.75 2167'               | .50 10381'               |                          |
| .25 2424'                | 2.50 10862'              |                          |
| .25 2760'                | .75 10955'               |                          |
| .25 3104'                | 2.75 11049'              |                          |
| .75 3454'                | 2.75 11142'              |                          |
| .75 3817'                | 1.75 11235'              |                          |
| .75 4160'                | 1.75 11360'              |                          |
| .25 4794'                | 1.50 11487'              |                          |
| .25 5294'                | 1.50 11713'              |                          |
| .75 5763'                | 2.25 12178'              |                          |
| 1.50 6262'               | 2.50 12438'              |                          |
| 1.00 6513'               | 3.75 12469'              |                          |
| 1.25 7013'               |                          |                          |

Drilling Contractor: ZIADRIL, Inc.

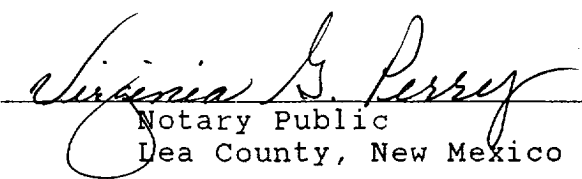
By

  
Billy Jensen

Subscribed and sworn to before me this 23rd day of December,  
1994

My commision Expires:

September 13, 1996

  
Notary Public  
Lea County, New Mexico

RECEIVED

JUN 21 1935  
JUN 21 1935  
OFFICE

COMPANY: WEST-TECH, INC.  
CLIENT: MARALO, INC.  
GAUGE NUMBER: 29240  
WELL NAME: NOVEMBER 16  
WELL NUMBER: 1  
TEST NUMBER: - 94-14-2259  
LOCATION: LEA COUNTY, NEW MEXICO  
TEST OPERATOR: RW AND JM  
COMMENTS: TEMPERATURE SURVEY

| POSITION | GAUGE SERIAL NUMBER |
|----------|---------------------|
| 1        |                     |

RECEIVED

104 2 6 1895

U.S. MARSHAL  
OFFICE

PAGE START DATE: 12/22/94  
PAGE START TIME: 17:39: 0  
DATA FILE: 6

| DELTA TIME<br>HRS | DEPTH<br>FEET | TEMPERATURE<br>'F | COMMENTS |
|-------------------|---------------|-------------------|----------|
| 0.000             | 10000.00      | 141.00            |          |
| 0.083             | 10320.00      | 142.00            | BREAK    |
| 0.150             | 10615.00      | 146.25            |          |
| 0.167             | 10690.00      | 144.50            |          |
| 0.233             | 11001.00      | 148.50            |          |
| 0.250             | 11081.00      | 148.00            |          |
| 0.258             | 11128.00      | 148.50            |          |
| 0.267             | 11165.00      | 147.75            |          |
| 0.275             | 11206.00      | 149.00            |          |
| 0.283             | 11247.00      | 148.00            |          |
| 0.333             | 11494.00      | 151.50            |          |
| 0.367             | 11665.00      | 150.50            |          |
| 0.400             | 11841.00      | 155.25            |          |
| 0.433             | 12016.00      | 153.75            |          |
| 0.450             | 12107.00      | 169.25            |          |
| 0.467             | 12199.00      | 164.50            |          |
| 0.517             | 12366.00      | 186.25            | M.D.R.   |

DATE AND TIME CEMENT JOB COMPLETE:

DECEMBER 21, 1994 @ 10:00 P.M.

DATE AND TIME SURVEY MADE:

DECEMBER 22, 1994 @ 5:00 P.M.

AMOUNT AND TYPE CEMENT USED:

250 SACKS 50:50 POSMIX RUN BEHIND 12,400 FEET  
OF 5½" CASING IN A 7-7/8" HOLE.

DEPTH FIGURED FROM:

GROUND LEVEL

2201 3 5

**RECEIVED**

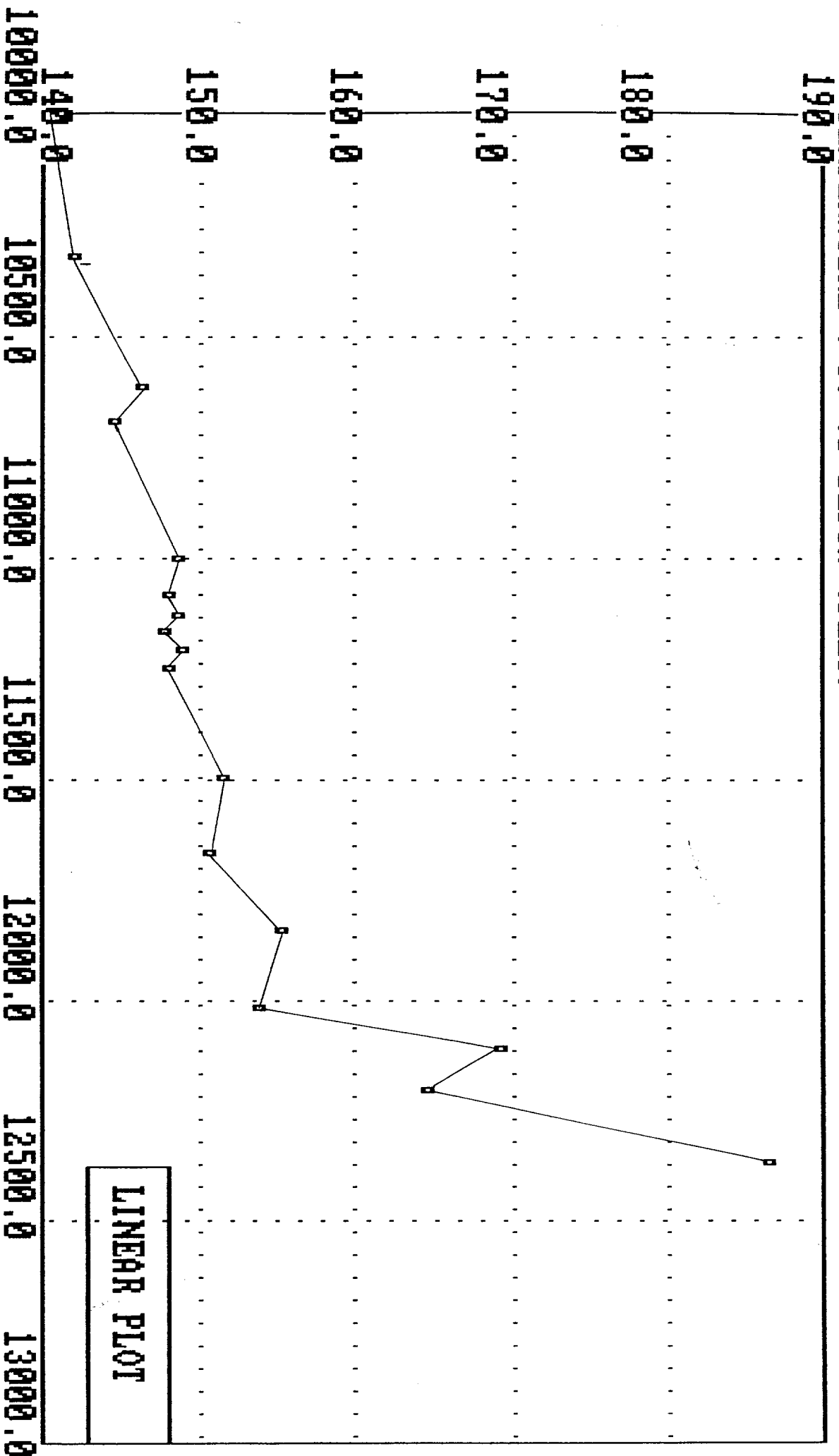
**JUN 28 1995**

**U.S. HOUSE  
OFFICE**



MARALO, INC.  
NOVEMBER 16 NO. 1  
LEA COUNTY, NEW MEXICO  
TEMPERATURE SURVEY  
DECEMBER 22, 1994

TEMPERATURE (°F) VS DEPTH (FEET)



LINEAR PLOT

APPROXIMATE CEMENT TOP: 10,320 FEET

M.D.R.: 12,366 FEET

**RECEIVED**

**JUN 26 1995**

**OLD HUBBS  
OFFICE**