

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

Form C-105  
Revised 1-1-89

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

FEB 26 1991

O. C. D.

WELL API NO.  
30-015-26414  
5. Indicate Type of Lease  
STATE ☐ FEB ☒  
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
MALAGA HARROUN -31-

2. Name of Operator  
TEXACO PRODUCING INC

8. Well No.  
1

3. Address of Operator  
P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat  
MALAGA, ATOKA

4. Well Location  
Unit Letter G: 2012 Feet From The NORTH Line and 1899 Feet From The EAST Line  
Section 31 Township 23-SOUTH Range 29-EAST NMPM EDDY County

|                                                                                                   |                                   |                                              |                                                            |                                        |
|---------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|------------------------------------------------------------|----------------------------------------|
| 10. Date Spudded<br>08-30-90                                                                      | 11. Date T.D. Reached<br>10-18-90 | 12. Date Compl. (Ready to Prod.)<br>02-04-91 | 13. Elevations (DF& RKB, RT, GR, etc.)<br>GR-2943, KB-2969 | 14. Elev. Casinghead<br>2943'          |
| 15. Total Depth<br>12,082                                                                         | 16. Plug Back T.D.<br>6415'       | 17. If Multiple Compl. How Many Zones?       | 18. Intervals Drilled By<br>Rotary Tools<br>0-12,082       | Cable Tools                            |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>6360' - 6386'; BRUSHY CANYON |                                   |                                              |                                                            | 20. Was Directional Survey Made<br>YES |
| 21. Type Electric and Other Logs Run<br>GR-DLL-MSFL, GR-ZDL-CNL-CAL                               |                                   |                                              |                                                            | 22. Was Well Cored<br>NO               |

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|--------------------------|---------------|
| 13 3/8      | 48#           | 610'      | 17 1/2    | CL-H 700 SX CIR. 100 SX  | Post 40-2     |
| 9 5/8       | 36#           | 2700'     | 12 1/4    | CL-H 1050 SX CIR. 50 SX  | 2-29-91       |
| 7           | 26#           | 10500'    | 8 3/4     | CL-H 2000 SX CIR. 201 SX | comp & BK     |
|             |               |           |           | D.V. TOOL @ 5296'        |               |

| LINER RECORD |       |        |              |        | TUBING RECORD |           |            |
|--------------|-------|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP   | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
| 5            | 10195 | 12082  | 425          |        | 2 3/8         | 6258'     | 6258'      |

26. Perforation record (interval, size, and number)  
6360' - 6386'; 2 JSPF, 52 HOLES.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
6360' - 6386'  
AMOUNT AND KIND MATERIAL USED  
ACID: 2000 GALS 7.5% NEFE, FRAC:  
51000 GAL XLG 2% KCL W/ 97000#  
20/40 SD & 15000# 12/20 SD.

PRODUCTION

|                                   |                      |                                                                                |                        |                   |                  |                                           |                         |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------|------------------------|-------------------|------------------|-------------------------------------------|-------------------------|
| Date First Production<br>02-06-91 |                      | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>FLOWING |                        |                   |                  | Well Status (Prod. or Shut-in)<br>SHUT-IN |                         |
| Date of Test<br>02-08-91          | Hours Tested<br>24   | Choke Size<br>18/64                                                            | Prod'n For Test Period | Oil - Bbl.<br>229 | Gas - MCF<br>708 | Water - Bbl.<br>170                       | Gas - Oil Ratio<br>3092 |
| Flow Tubing Press.<br>450         | Casing Pressure<br>0 | Calculated 24-Hour Rate                                                        | Oil - Bbl.             | Gas - MCF         | Water - Bbl.     | Oil Gravity - API - (Corr.)<br>47.7       |                         |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

Test Witnessed By  
GAYLON WEIR

30. List Attachments  
DEVIATION 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 C.P. Basham / SOH Printed Name C.P. BASHAM Title DRLG. SUPT. Date 02-22-91

# 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. Salt \_\_\_\_\_  
B. Salt 2752'  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinbry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp 10190'  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn 11662'  
T. Atoka 11906'  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand 2798'  
T. Bone Springs 6449'  
T. LAMAR 2752'  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from 6360' to 6386' No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### 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     | 2752  | 2752                 | SALT                  |      |    |                      |           |
| 2752  | 2798  | 46                   | SAND                  |      |    |                      |           |
| 2798  | 6449  | 3651                 | LIMESTONE & SANDSTONE |      |    |                      |           |
| 6449  | 10190 | 3741                 | LIMESTONE & SHALE     |      |    |                      |           |
| 10190 | 11662 | 1472                 | LIMESTONE             |      |    |                      |           |
| 11662 | 12082 | 420                  | LIMESTONE & SHALE     |      |    |                      |           |