

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|---|
| Operator Name and Address. Echo Production, Inc. PO Box 1210 Graham, Texas 76450 | | ¹ OGRID Number 06742 |
| | | ¹ API Number 30 - 025-30475 |
| ⁴ Property Code 29632 | ⁴ Property Name Terra Enron 13 State | ⁴ Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 13 | 18S | 34E | | 660 | north | 660 | east | Lea |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---------|----------|-------|---------|------------------------------|------------------|---------------|----------------|--------|
| ⁸ Proposed Pool 1 Vacuum; Undesignated - Grayburg - San Andres | | | | | ⁸ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|---------------------------------------|-------------------------------------|--|---|
| ¹¹ Work Type Code E | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3976' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 4850' | ¹⁸ Formation Grayburg | ¹⁹ Contractor not determined | ²⁰ Spud Date 4/01/02 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2 | 13 3/8 | 48 & 61 | 373 | 370 | surface |
| 11 | 8 5/8 | 24 | 3315 | 1450 | surface |
| 7 7/8 | 4 1/2 | 10.5 | 4850 | 400 | 3275' |
| | | | | | |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Well was drilled to TD of 9050' by Pacific Enterprises Oil Company in 9/88 with 13 3/8" and 8 5/8" casing strings being set and cemented as shown above. Well was plugged by setting cement plugs at the surface (10sx), 9050' (65sx), 6300' (55sx), 4276' (65sx), 3350' (65sx) and 1738' (35sx). Echo Production proposes to re-enter the well, drill out the top four plugs, set 4 1/2" casing at 4850' and complete the well in the Grayburg at approximately 4700'. Echo will utilize the pad previously built for the re-entry operations and a reverse unit to clean out so a reserve pit will not be needed. No well control problems were encountered during the drilling operations so a 3000 PSI BOP will be utilized for the re-entry.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tom Golden*

Printed name: Tom Golden

Title: Operations Manager

Date: 3/19/02

Phone: (940) 549-3292

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY

Title: PAUL F. KAUTZ

Approval Date: APR 01 2002

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-entry

5
C
A

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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|------------------------------|--|--|--|---|---------------------|
| 1 APT Number 30-025-30475 | | 1 Pool Code 62180 | | 1 Pool Name Vaccum Grayburg/San Andres | |
| 1 Property Code 29632 | | 1 Property Name Terra Enron 13 State | | | 1 Well Number 1 |
| 1 OGRID No. 006742 | | 1 Operator Name Echo Production, Inc. | | | 1 Elevation 3976 |

10 Surface Location

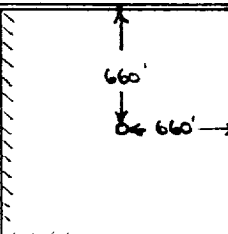
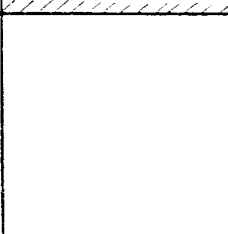
| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 13 | 18S | 34E | | 660 | north | 660 | east | Lea |

11 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedication Acres 40 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---------------------------|--------------------|-----------------------|--------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | | |
|----|--|--|--|--|---|--|
| 16 | | | |  | 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Tom Golden Signature Tom Golden Printed Name Operations Manager Title 03/25/02 Date | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | |  | 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number | |
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