

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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

| | | |
|---|---|--|
| ¹ Operator Name and Address CONOCOPHILLIPS COMPANY 4001 PENBROOK STREET, ODESSA, TEXAS 79762 | | ² OGRID Number 217817 |
| ⁴ Property Code 31065 | ⁵ Property Name VACUUM GB/SA UNIT EAST TRACT 3127 | ³ API Number 30- 025-02960 |
| | | ⁶ Well No. 001 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| J | 31 | 17-S | 35-E | | 1980 | SOUTH | 1980 | EAST | LEA |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| I | 31 | 17-S | 35-E | | 1830 | SOUTH | 80 | EAST | LEA |

⁹ Proposed Pool 1

VACUUM; GRAYBURG-SAN ANDRES

¹⁰ Proposed Pool 2

| | | | | |
|-----------------------------------|--|---------------------------------------|---|--|
| ¹¹ Work Type Code P | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3974' RKB/3962' GR |
| ¹⁶ Multiple | ¹⁷ Proposed Depth 6254' MD/4436' TVD | ¹⁸ Formation SAN ANDRES | ¹⁹ Contractor POOL WELL SERVICE | ²⁰ Spud Date UPON APPROVAL |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| | 10-3/4" | | 796' | 170 | |
| | 7" | 24# | 4095' | 175 | |
| | | | | | |
| | | | | | |
| | | | | | |

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.

DRILL OPENHOLE LATERAL TO 6254'

K.O.P. @ 3846'

Penetration Point Location: 1985' FSL & 2015' FEL

Lateral will be drilled at an angle through an Upper San Andres interval to encounter targeted porosity. Wellpath will be drilled in an upward direction after landing the curve through the target interval until T.D. is reached. The curve landing will be structurally lower than the end of the lateral. Land the curve @ 4492' TVD and drill upward to 4484' TVD at 1200' along the wellpath (planview). Drill upward to 4436' TVD and 1900' length to end the lateral.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

PLUG-BACK

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

Signature: *Larry Leach*

Printed name: Larry Leach

Title: Regulatory Supervisor

Date: 01/02/03

Phone: 915-368-1667

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY

Title:

JAN 29 2003

PAUL F. KAUTZ
PETROLEUM ENGINEER

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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Revised March 17, 1999

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number 30-025-02960 | ² Pool Code 62180 | ³ Pool Name VACUUM; GRAYBURG-SAN ANDRES |
| ⁴ Property Code 31065 | ⁵ Property Name VACUUM GB/SA UNIT EAST TRACT 3127 | ⁶ Well Number 001 |
| ⁷ OGRID No. 217817 | ⁸ Operator Name CONOCOPHILLIPS COMPANY | ⁹ Elevation 3974' KB/3962' GR |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| J | 31 | 17-S | 35-E | | 1980 | SOUTH | 1980 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|----------|---------------|------------------|---------------|----------------|--------|
| I | 31 | 17-S | 35-E | | 1830 | SOUTH | 80 | EAST | LEA |
| ¹² Dedicated Acres 80 | 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. <i>C. Leach</i> Signature LARRY LEACH Printed Name REGULATORY SUPERVISOR Title 01/02/03 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 Surveyer: Certificate Number |
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