

UNITED STATES ~~N.M. Oil Conservation Division~~
DEPARTMENT OF THE ~~Interior~~ **French Dr.** (See other instructions on reverse side)
BUREAU OF LAND MANAGEMENT **HUDDs, NM 88240**

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | |
|--|-------------------|---|---------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NMLC-030187 | |
| b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Arch Petroleum Inc. | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS AND TELEPHONE NO. P. O. Box 10340, Midland, TX 79702-7340 (915)685-8100 | | 8. FARM OR LEASE NAME, WELL NO. C. E. Lamunyon #21 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 510' FNL & 660' FEL, Section 28, T23S, R37E At top prod. interval reported below same At total depth same | | 9. API WELL NO. 30-025-22323 | |
| 14. PERMIT NO. NSL-4818 | | DATE ISSUED | |
| 15. DATE SPUDDED | | 12. COUNTY OR PARISH Lea County | |
| 16. DATE T.D. REACHED | | 13. STATE NM | |
| 17. DATE COMPL. (Ready to prod.) 12/08/02 | | 19. ELEV. CASINGHEAD | |
| 20. TOTAL DEPTH, MD & TVD | | 21. PLUG, BACK T.D., MD & TVD RBP @ 5140 | |
| 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* San Andres 3843-53 | | 25. WAS DIRECTIONAL SURVEY MADE | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN | | 27. WAS WELL CORED | |
| 28. CASING RECORD (Report all strings set in well) | | | |
| CASING SIZE/GRADE | WEIGHT, LB/FT. | DEPTH SET (MD) | HOLE SIZE |
| TOP OF CEMENT, CEMENTING RECORD | | | |
| AMOUNT PULLED | | | |
| 29. LINER RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* |
| SCREEN (MD) | | | |
| 30. TUBING RECORD | | | |
| SIZE | DEPTH SET (MD) | | PACKER SET (MD) |
| 31. PERFORATION RECORD (Interval, size and number) 3843-53 (2 spf) | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | |
| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
| 3843-53 | | Acdz w/ 1000 gals 15% acid | |
| 33. * PRODUCTION | | | |
| DATE FIRST PRODUCTION 12/08/02 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping | |
| DATE OF TEST 12/16/02 | | WELL STATUS (Producing or shut-in) Producing | |
| HOURS TESTED 24 | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL—BBL. 2 |
| GAS—MCF. 68 | WATER—BBL. 184 | GAS-OIL RATIO 34000:1 | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL GRAVITY-API (CORR.) 37.2 |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold | | TEST WITNESSED BY Mickey Rivas | |
| 35. LIST OF ATTACHMENTS C-104, C-102, Sundry | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | |
| SIGNED <i>Cathy Ambul</i> | | TITLE Sr. Operation Tech | |
| DATE 01/02/03 | | <i>KE</i> | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MAR 28 2003

37. SUMMARY OF POROUS ZONES: (Show important zones of porosity and contents the f; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|-----|--------|-----------------------------|
| | | | |

| 38. GEOLOGICAL MARKERS | | | 38. GEOLOGICAL MARKERS | | |
|------------------------|-------------|------------------|------------------------|-------------|------------------|
| NAME | TOP | | NAME | TOP | |
| | MEAS. DEPTH | TRUE VERT. DEPTH | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | | |

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, 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
Encl. of Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|------------------------------|--|--|--|-----------------------------------|---------------------|
| 1 APT Number 30-025-22323 | | 2 Pool Code | | 3 Pool Name Wildcat San Andres | |
| 4 Property Code 014898 | | 5 Property Name C. E. Lamunyon | | | 6 Well Number 21 |
| 7 OGRID No. 000962 | | 8 Operator Name Arch Petroleum Inc. | | | 9 Elevation |

10 Surface Location

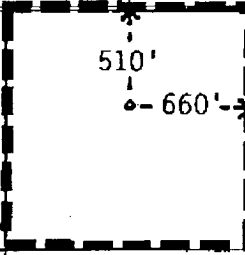
| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no. A | Section 28 | Township 23S | Range 37E | Lot Idn | Feet from the 510 | North/South line North | Feet from the 660 | East/West line East | County 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

| | | | |
|--------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated 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. <i>Cathy Tomberlin</i> Signature Cathy Tomberlin Printed Name Sr. Operation Tech Title 03/27/03 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 Surveyor: | |
| | | | | | Certificate Number | |