

New Mexico Oil Conservation Division, District 1

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1625 N. French Drive
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Arch Petroleum3a. Address
PO Box 2517, Midland, Texas 797023b. Phone No. (include area code)
432-570-53824. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL, 1980 FWL, Sec 27-T23S-R37E5. Lease Serial No.
030187

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
C. E. Lamunyon #119. API Well No.
30-025-1085510. Field and Pool, or Exploratory Area
Teague N. Devonian11. County or Parish, State
Lea, NM

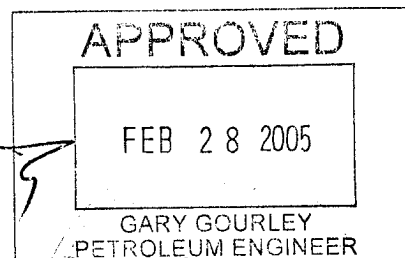
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See Attached Procedure.
Top of Salt Section 1050'.
Ground Water Depth 350'.
Per Paul Kautz w/OCD - Hobbs.

SUBJECT TO
LIKE APPROVAL
BY NMOCD



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tommy Taylor

Title Agent for Arch Petroleum

Signature

Date 02/24/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

GWW

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88400

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993

OCT 21 12 26 PM '94

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ARCH PETROLEUM INC.

3. Address and Telephone No.

777 Taylor St., Penthouse II-A, Ft. Worth, TX 76102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1980' FWL
Sec. 27-T23S-R37E

5. Lease Designation and Serial No.
030187

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.

C.E. LaMunyon #11

9. API Well No.

30-025-10855

10. Field and Pool, or Exploratory Area

Teague N. Devonian

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Temporary Abandon
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well is being evaluated for future recompletion to another zone. There are several zones that are currently being looked at as productive in economic quantities. This work will commence in 1995 as this is scheduled with other planned work in the area.

RECEIVED

OCT 24 9 14 AM '94

CLERK AREA

BUREAU OF LAND MGMT
HOBBS, NM.

OCT 21 2 26 PM '94

RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed Merick S. Vanderslice

Title Operations Manager

Date 10/20/94

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Conditions of approval, if any: See attached.

Title PETROLEUM ENGINEER

Date 11/16/94

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.

*See instruction on Reverse Side

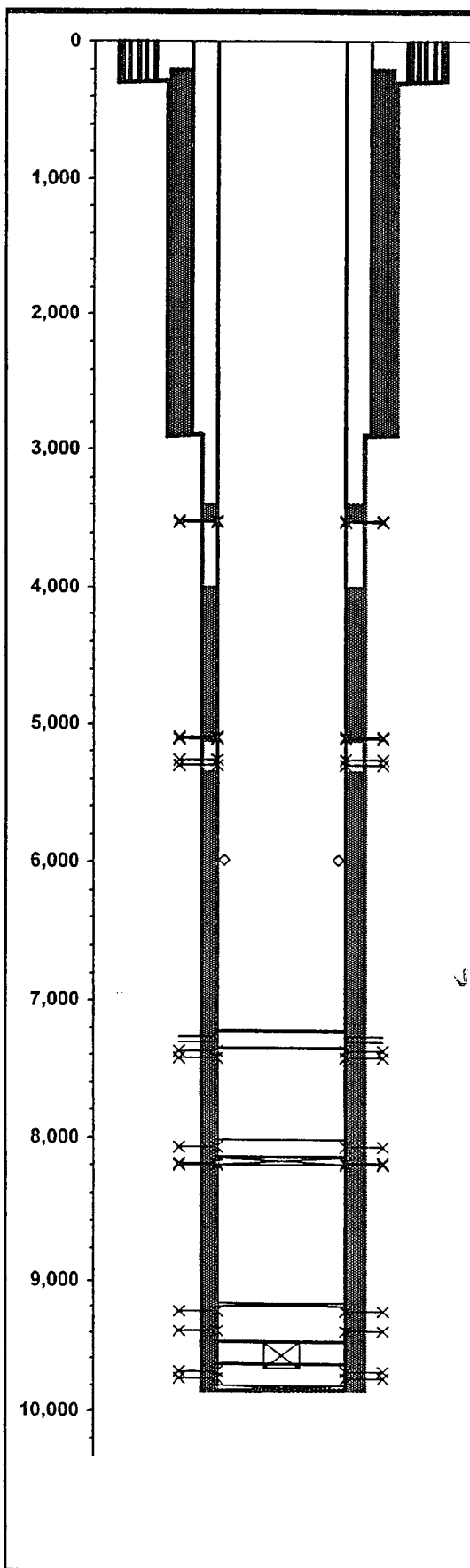
30-025-10856

Wellbore Schematic

LAMUNYON, C E # 011

Wellbore ID #: A700240

Printed: 2/10/2005



| | | |
|--|-------------|----------|
| 660' FNL & 1980' FWL | GL Elev: | 3,281.00 |
| Sec, Blk, Sur (Lbr, Lge, Sur) or (Sec, Twn, Rng): 27, 23S, 37E | Fill Depth: | |
| County, State: LEA, NM | PBTD: | 7,221.00 |
| Aux ID (API, etc.): 30-025-10855 | TD: | 9,844.00 |
| KB = 12; DF = ; All Depths Corr To: KB | BOP: | |

Hole Size

| Diameter | Top At | Btm At | Date Drilled |
|----------|----------|----------|--------------|
| 17.5000 | 0.00 | 302.00 | 11/7/1949 |
| 12.2500 | 302.00 | 2,901.00 | 11/13/1949 |
| 8.7500 | 2,901.00 | 9,844.00 | 11/28/1949 |

Surface Casing

Date Ran: 11/8/1949

| Description | # | Diameter | Weight | Grade | Length | Top At | Btm At |
|-------------|---|----------|--------|-------|--------|--------|--------|
| Casing | 9 | 13.3750 | 48.00 | H40 | 290.00 | 12.00 | 302.00 |

Intermediate Casing

Date Ran: 11/19/1949

| Description | # | Diameter | Weight | Grade | Length | Top At | Btm At |
|-------------|----|----------|--------|-------|----------|--------|----------|
| Casing | 95 | 9.6250 | 36.00 | | 2,889.00 | 12.00 | 2,901.00 |

DV TOOL @ 1100'

Production Casing String 1

Date Ran: 2/16/1950

| Description | # | Diameter | Weight | Grade | Length | Top At | Btm At |
|-------------|----|----------|--------|-------|----------|--------|----------|
| Casing | 22 | 7.0000 | 29.00 | N80 | 9,831.00 | 12.00 | 9,843.00 |

Cement

| # Sx | Class | Weight | ID | O D | Top At | Btm At | TOC Per |
|------|-------|--------|--------|--------|----------|----------|---------|
| 300 | A | | 13.375 | 17.500 | 0.00 | 302.00 | Circ |
| 1300 | A | | 9.625 | 12.250 | 1,100.00 | 2,901.00 | Est |
| 325 | A | | 9.625 | 12.250 | 210.00 | 1,100.00 | TS |
| 975 | | | 7.000 | 8.750 | 5,350.00 | 9,843.00 | TS |
| 200 | | | 7.000 | 8.750 | 4,000.00 | 5,120.00 | Est |
| 325 | | | 7.000 | 8.750 | 3,400.00 | 3,514.00 | CBL |

Perforations

| Top | Bottom | Status | Opened | Closed | # / Ft | Ttl # | Open Hole? |
|--------------------------|----------|--------|------------|------------|--------|-------|------------|
| 3,514.00 | 3,520.00 | PA | 6/1/1967 | 6/1/1967 | | | |
| CSG LK - SQ W/ 325 SX | | | | | | | |
| 5,100.00 | 5,114.00 | PA | 6/1/1967 | 6/1/1967 | | | |
| CSG LK - SQ W/ 200 SX | | | | | | | |
| 5,267.00 | 5,298.00 | PA | 12/22/1997 | 12/27/1997 | | | |
| CSG LK - SQ W/ 50 SX | | | | | | | |
| 7,271.00 | 7,307.00 | TA | 7/9/1998 | 12/19/2003 | 2 | 18 | |
| DEVONIAN - 9 SELECTIONS. | | | | | | | |
| 7,373.00 | 7,378.00 | PA | 4/22/1977 | 1/15/1995 | 4 | 20 | |
| DEVONIAN | | | | | | | |
| 7,421.00 | 7,427.00 | PA | 4/22/1977 | 1/5/1995 | 4 | 24 | |
| DEVONIAN | | | | | | | |
| 8,068.00 | 8,073.00 | PA | 4/18/1977 | 4/21/1977 | 4 | 20 | |
| DEVONIAN | | | | | | | |
| 8,180.00 | 8,190.00 | PA | 4/11/1977 | 4/14/1977 | 4 | 40 | |
| DEVONIAN | | | | | | | |
| 9,236.00 | 9,387.00 | PA | 6/14/1967 | 4/11/1977 | 4 | 80 | |
| MCKEE - 5 EA 2' SETS | | | | | | | |
| 9,700.00 | 9,750.00 | PA | 2/20/1950 | 1/12/1971 | 4 | 200 | |
| ELLENBURGER | | | | | | | |

Paul Kantz 505-343-6161 Ext. 104

PROPOSED PLUGGING PROCEDURE FOR ARCH PETROLEUM / POGO PRODUCING

WELL: C. E. LAMUNYON #11
LEA COUNTY, NEW MEXICO



1. MIRU; SPOT EQUIPMENT.
2. LOAD WELL W/ FSW.
3. REMOVE TREE, SPOT BOP.
4. RIH W/ TBG OPEN ENDED TO 7200.
5. TAG AND VERIFY CIBP SET @ 7221'.
6. CIRCULATE WELL W/ 9.5 PPG MUD.
7. SET 25 SX CMT PLUG FROM 7121' – 7221'.
8. PULL TBG UP TO 5100'.
9. SET 25 SX CMT PLUG FROM 5000' – 5100'.
10. PULL TBG OUT OF CMT, REVERSE OUT, WOC.
11. LOWER TBG TO TOC, TAG AND RECORD.
12. PULL TBG UP TO 3500'.
13. SET 25 SX CMT PLUG FROM 3400' – 3500'.
14. PULL TBG OUT OF CMT, REVERSE OUT, WOC.
15. LOWER TBG TO TOC, TAG AND RECORD.
16. POOH W/ TBG, STAND BACK 2938'.
17. N/D BOP, N/U ON 7" CSG.
18. FREEPOINT CSG W/ RIG.
19. CUT 7" CSG @ 2938' W/PACS TOOL.
20. RECOVER CSG.
21. SET BOP.
22. RIH W/ TBG TO 2938'.
23. SET 45 SX CMT PLUG FROM 2838' -2938'.
24. PULL TBG OUT OF CMT, REVERSE OUT, WOC.
25. LOWER TBG TO TOC, TAG AND RECORD.
26. PULL TBG UP TO 1000'. (50' ABOVE SALT – 1050' PER OCD).
27. SET 45 SX CMT PLUG FROM 900' – 1000'.
28. PULL TBG UP TO 400'.
29. SET 45 SX CMT PLUG FROM 300' – 400'.
30. POOH W/ TBG.
31. R/U WIRLEINE.
32. RIH AND PERFORATE 9-5/8" CSG @ 100'.
33. RIH W/ TBG AND CLOSE BOP.
34. OPEN CSG VALVE AND ESTABLISH CIRCULATION.
35. SET 85 SX CMT PLUG FROM SURFACE - 100'.
36. CUT OFF AND REMOVE WELLHEAD.
37. INSTALL DRYHOLE MARKERS AND REMOVE ANCHORS.
38. RDMO LOCATION.