

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

1625 N. French Dr.
Hobbs, NM 88240

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 type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. LC-030187 | |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input 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 #73 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1510' FSL & 330' FWL At top prod. interval reported below same At total depth same | | 9. API WELL NO. 30-025-35059 SI | |
| 14. PERMIT NO. | | 10. FIELD AND POOL, OR WILDCAT Teague Simpson | |
| DATE ISSUED 06/13/00 | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 22, T23S, R37E | |
| 12. COUNTY OR PARISH Lea County | | 13. STATE NM | |
| 15. DATE SPUDDED 05/29/01 | 16. DATE T.D. REACHED 07/09/01 | 17. DATE COMPL. (Ready to prod.) 09/03/01 | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3297 |
| 19. ELEV. CASINGHEAD 3298 | | 20. TOTAL DEPTH, MD & TVD 9683 | |
| 21. PLUG, BACK T.D., MD & TVD CIBP @ 9580 | | 22. IF MULTIPLE COMPL., HOW MANY* | |
| 23. INTERVALS DRILLED BY | | ROTARY TOOLS 0-9683 | |
| CABLE TOOLS | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 9418'-36' McKee | |
| 25. WAS DIRECTIONAL SURVEY MADE No | | 26. TYPE ELECTRIC AND OTHER LOGS RUN ZDL/CN/ML/SL DAL | |
| 27. WAS WELL CORED No | | | |

ACCEPTED FOR RECORD

SEP 13 2001

ALEXIS C. SWOBODA
PERFUM ENGINEER

CONFIDENTIAL

| 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 |
| 13-3/8 | 48 | 1070 | 17-1/2 | 1200 sks | |
| 9-5/8 | 40 | 2515 | 12-1/4 | 1050 sks | |
| 7 | 29 | 7900 | 8-1/2 | 1625 sks | |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
|------------------|----------|-------------|---------------|-------------------|---------------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| 5 | 7654 | 9678 | 725 | | 2-3/8 & 2-7/8 | 9326 | |

| 31. PERFORATION RECORD (Interval, size and number) Openhole 9678'-9756' filled w/ cmt 9418'-36' (2 spf) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|---|--|--|--|
| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
| 9418-36 | | Acdz w/ 2000 gals 15% HCL | |
| | | Frac w/ 107,000# 16/30 Super DC + | |
| | | 6500# 100 mesh | |

| 33. * PRODUCTION | | | | | | | |
|-----------------------------------|--------------------|---|------------------------|-------------------|--------------------|---|-----------------------|
| DATE FIRST PRODUCTION 09/03/01 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pump | | | | WELL STATUS (Producing or shut-in) Producing | |
| DATE OF TEST 09/09/01 | HOURS TESTED 24 | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL---BBL. 149 | GAS---MCF. 185 | WATER---BBL. 54 | GAS-OIL RATIO 1242 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL---BBL. 149 | GAS---MCF. 185 | WATER---BBL. 54 | OIL GRAVITY-API (CORR.) 42.9 | |

| | |
|--|-----------------------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold | TEST WITNESSED BY Mickey Rivas |
|--|-----------------------------------|

35. LIST OF ATTACHMENTS
C-104, Logs, Deviation Survey, Sundry

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Cathy Tombeal

TITLE Sr. Operation Tech

DATE 09/13/01

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; 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. |
|--------------|------|--------|-----------------------------|
| Anhydrite | 1029 | | |
| Salt | 1078 | | |
| Yates | 2524 | | |
| Seven Rivers | 2784 | | |
| Queen | 3268 | | |
| Grayburg | 3381 | | |
| San Andres | 3838 | | |
| Glorieta | 4942 | | |
| Paddock | 5000 | | |
| Blinberry | 5320 | | |
| Tubb | 5994 | | |
| Drinkard | 6244 | | |
| Abo | 6478 | | |
| Devonian | 7199 | | |
| Silurian | 8326 | | |
| Montoya | 8660 | | |
| Simpson | 8940 | | |
| McKee | 9299 | | |

| 38. GEOLOGICAL MARKERS | | | 38. GEOLOGICAL MARKERS | | |
|---|-------------|------------------|------------------------|-------------|------------------|
| NAME | TOP | | NAME | TOP | |
| | MEAS. DEPTH | TRUE VERT. DEPTH | | MEAS. DEPTH | TRUE VERT. DEPTH |
| <div style="position: absolute; left: 10px; top: 10px; transform: rotate(-90deg);"> SEP 14 1961 ROSWELL, N.M. </div> | | | | | |