

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)Form approved  
Budget Bureau No. 42-R355.5.

## 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 _____                                                                                                                   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><u>Contract 417</u>                          |  |
| 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 _____                                |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><u>Jicarilla Apache</u>                     |  |
| 2. NAME OF OPERATOR<br><u>Aztec Energy Corporation</u>                                                                                                                                                                                                      |  | 7. UNIT AGREEMENT NAME<br><u>Jicarilla "O"</u>                                      |  |
| 3. ADDRESS OF OPERATOR<br><u>1206 East 20th Street, Farmington, New Mexico 87401</u>                                                                                                                                                                        |  | 8. FARM OR LEASE NAME<br><u>Jicarilla "O"</u>                                       |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):<br>a. surface <u>790' FNL and 990' FEL</u><br>At top prod. interval reported below <u>790' FNL and 990' FEL</u><br>At total depth <u>790' FNL and 990' FEL</u> |  | 9. WELL NO.<br><u>#2</u>                                                            |  |
| 11. PERMIT NO. _____ DATE ISSUED _____<br>U. S. GEOLOGICAL SURVEY<br>FARMINGTON, N. M.                                                                                                                                                                      |  | 12. COUNTY OR PARISH<br><u>Sandoval</u>                                             |  |
| 13. STATE<br><u>New Mexico</u>                                                                                                                                                                                                                              |  | 14. FIELD AND POOL OR WILDCAT<br><u>Chacon Dakota Extension</u>                     |  |
| 15. DATE SPUNDED <u>12-12-81</u> 16. DATE T.D. REACHED <u>1-2-82</u> 17. DATE COMPL. (Ready to prod.) <u>4-3-82</u>                                                                                                                                         |  | 18. ELEVATION (OF RKB, ST. GR, ETC.) * <u>7096' RKB</u>                             |  |
| 19. ELEV. CASINGHEAD <u>7084' GL</u>                                                                                                                                                                                                                        |  | 20. TOTAL DEPTH, MD & TVD <u>6850'</u> 21. PLUG. BACK T.D., MD & TVD <u>6825'</u>   |  |
| 22. IF MULTIPLE COMPLET. HOW MANY * _____                                                                                                                                                                                                                   |  | 23. INTERVALS DRILLED BY _____                                                      |  |
| 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP BOTTOM NAME MD AND TVD *<br><u>6690' to 6710' DK</u>                                                                                                                                                       |  | 25. WAS DIRECTIONAL SURVEY MADE<br><u>Yes</u>                                       |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><u>I.E.S., Compensated Neutron and C.B.L.</u>                                                                                                                                                                       |  | 27. WAS WELL CORED<br><u>No</u>                                                     |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                          |  |                                                                                     |  |
| CASING SIZE                                                                                                                                                                                                                                                 |  | WEIGHT, LB. FT.                                                                     |  |
| 8 5/8                                                                                                                                                                                                                                                       |  | 24                                                                                  |  |
| 4 1/2                                                                                                                                                                                                                                                       |  | 10.5 & 11.6#                                                                        |  |
| D.V. Tool J                                                                                                                                                                                                                                                 |  | 4846                                                                                |  |
| D.V. Tool J                                                                                                                                                                                                                                                 |  | 2675                                                                                |  |
| 29. LINER RECORD                                                                                                                                                                                                                                            |  | 30. TUBING RECORD                                                                   |  |
| SIZE                                                                                                                                                                                                                                                        |  | TOP (MD)                                                                            |  |
| N/A                                                                                                                                                                                                                                                         |  | 2 3/8                                                                               |  |
| BOTTOM (MD)                                                                                                                                                                                                                                                 |  | DEPTH SET (MD)                                                                      |  |
| SACKS CEMENT*                                                                                                                                                                                                                                               |  | PACKER SET (MD)                                                                     |  |
| 12 1/4                                                                                                                                                                                                                                                      |  | 175 sacks                                                                           |  |
| 7 7/8                                                                                                                                                                                                                                                       |  | 1st stage 470 sacks                                                                 |  |
| 2nd stage 375 sacks                                                                                                                                                                                                                                         |  | None                                                                                |  |
| 3rd stage 250 sacks                                                                                                                                                                                                                                         |  | None                                                                                |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                          |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                      |  |
| 6690, 6692, 6694, 6696, 6698, 6700, 6702, 6705, 6706, 6708 and 6710 11 - .4 holes                                                                                                                                                                           |  | DEPTH INTERVAL (MD)                                                                 |  |
|                                                                                                                                                                                                                                                             |  | AMOUNT AND KIND OF MATERIAL USED                                                    |  |
|                                                                                                                                                                                                                                                             |  | 6690 to 42,600 gal. Xlinked gel                                                     |  |
|                                                                                                                                                                                                                                                             |  | 6710 40 ton CO <sub>2</sub>                                                         |  |
|                                                                                                                                                                                                                                                             |  | 71,300# 20/40 sand                                                                  |  |
| 33. PRODUCTION                                                                                                                                                                                                                                              |  |                                                                                     |  |
| DATE FIRST PRODUCTION<br><u>4-3-82</u>                                                                                                                                                                                                                      |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><u>Pump</u> |  |
| WELL STATUS (Producing or shut-in)<br><u>Producing</u>                                                                                                                                                                                                      |  |                                                                                     |  |
| DATE OF TEST<br><u>4-3-82</u>                                                                                                                                                                                                                               |  | HOURS TESTED<br><u>24</u>                                                           |  |
| CHOKE SIZE<br><u>265</u>                                                                                                                                                                                                                                    |  | PROD'N. FOR TEST PERIOD<br><u>168</u>                                               |  |
| OIL—BBL.<br><u>168</u>                                                                                                                                                                                                                                      |  | GAS—MCF.<br><u>150 est.</u>                                                         |  |
| WATER—BBL.<br><u>8 BLW</u>                                                                                                                                                                                                                                  |  | GAS-OIL RATIO<br><u>893</u>                                                         |  |
| FLOW. TUBING PRESS.<br><u>265</u>                                                                                                                                                                                                                           |  | CASING PRESSURE<br><u>325</u>                                                       |  |
| CALCULATED 24-HOUR RATE<br><u>168</u>                                                                                                                                                                                                                       |  | OIL—BBL.<br><u>150</u>                                                              |  |
| GAS—MCF.<br><u>150</u>                                                                                                                                                                                                                                      |  | WATER—BBL.<br><u>8 BLW</u>                                                          |  |
| OIL GRAVITY-API (CORR.)<br><u>43</u>                                                                                                                                                                                                                        |  |                                                                                     |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><u>Vented</u>                                                                                                                                                                                 |  |                                                                                     |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                     |  |                                                                                     |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.                                                                                                                             |  |                                                                                     |  |
| SIGNED<br><u>Verly F. Moore</u>                                                                                                                                                                                                                             |  | TITLE<br><u>President</u>                                                           |  |
| DATE<br><u>April 6, 1982</u>                                                                                                                                                                                                                                |  | DATE<br><u>APR 19 1982</u>                                                          |  |

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

NMOCC

FARMINGTON DISTRICT  
BY ELL

## Cement Record

8 5/8" Casing → 175 sx Class "B", 2% CaCl<sub>2</sub>  
CT → Surface

4 1/2" Casing → 1<sup>st</sup> 470 sx Class "B" w/ 6 1/4 #/sx gilsonite,  
9 #/sx salt.

2<sup>nd</sup> 325 sx 65:35 po<sub>2</sub> 12% gel. 50 sx  
Class "B" next.

3<sup>rd</sup> 200 sx 65:35 po<sub>2</sub>, 12% gel. 50 sx  
Class "B" next.

CT → 1200'

