

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 <input type="checkbox"/>     |                                                                                |                                |
| 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"/> |
| 2. NAME OF OPERATOR<br>AZTEC ENERGY CORPORATION                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 28741                                |                                |
| 3. ADDRESS OF OPERATOR<br>POST OFFICE BOX 2637, FARMINGTON, NEW MEXICO 87401                                                                                                                                                           |  |                                                                      |                                    |                                  |                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                           |                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):<br>At surface 790' FNL and 950' FWL<br>At top prod. interval reported below 790' FNL and 950' FWL<br>At total depth 780' FNL and 950' FWL |  |                                                                      |                                    |                                  |                                    | 7. UNIT AGREEMENT NAME                                                         |                                |
| 14. PERMIT NO. U. S. GEOLOGICAL SURVEY<br>FARMINGTON, N. M.                                                                                                                                                                            |  |                                                                      |                                    |                                  |                                    | 8. FARM OR LEASE NAME<br>LU-LU                                                 |                                |
| 15. DATE SPUDDED 10-31-81                                                                                                                                                                                                              |  |                                                                      |                                    |                                  |                                    | 9. WELL NO.<br>#1                                                              |                                |
| 16. DATE T.D. REACHED 11-13-81                                                                                                                                                                                                         |  |                                                                      |                                    |                                  |                                    | 10. FIELD AND POOL, OR WILDCAT<br>LYBROOK GALLUP EXTENSION                     |                                |
| 17. DATE COMPL. (Ready to prod.) 2/26/82                                                                                                                                                                                               |  |                                                                      |                                    |                                  |                                    | 11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 29, T. 23 N., R. 6 W. |                                |
| 18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* 7090' RKB                                                                                                                                                                                     |  |                                                                      |                                    |                                  |                                    | 12. COUNTY OR PARISH<br>SANDOVAL                                               |                                |
| 19. ELEV. CASINGHEAD 7078'                                                                                                                                                                                                             |  |                                                                      |                                    |                                  |                                    | 13. STATE<br>NEW MEXICO                                                        |                                |
| 20. TOTAL DEPTH, MD & TVD 5735'                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 21. PLUG BACK T.D., MD & TVD 5693'                                             |                                |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                                                      |  |                                                                      |                                    |                                  |                                    | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS 0 - 5735<br>CABLE TOOLS               |                                |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5355' to 5572' Gallup                                                                                                                                 |  |                                                                      |                                    |                                  |                                    | 25. WAS DIRECTIONAL SURVEY MADE<br>YES                                         |                                |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>IES, CNL and CBL                                                                                                                                                                               |  |                                                                      |                                    |                                  |                                    | 27. WAS WELL CORED<br>NO                                                       |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                     |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| CASING SIZE                                                                                                                                                                                                                            |  | WEIGHT, LB./FT.                                                      |                                    | DEPTH SET (MD)                   |                                    | HOLE SIZE                                                                      |                                |
| 8 5/8                                                                                                                                                                                                                                  |  | 24#                                                                  |                                    | 260' 273'                        |                                    | 12 1/4                                                                         |                                |
| 4 1/2                                                                                                                                                                                                                                  |  | 10 1/2#                                                              |                                    | 5730'                            |                                    | 7 7/8                                                                          |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    | 5730'                            |                                    | First Stage                                                                    |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    | 4611'                            |                                    | Second Stage                                                                   |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 250 sacks                                                                      |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 200 sacks See                                                                  |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 750 sacks Attached                                                             |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | NONE                                                                           |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | NONE                                                                           |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | NONE                                                                           |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | NONE                                                                           |                                |
| 29. LINER RECORD                                                                                                                                                                                                                       |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| SIZE                                                                                                                                                                                                                                   |  | TOP (MD)                                                             |                                    | BOTTOM (MD)                      |                                    | SACKS CEMENT*                                                                  |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | SCREEN (MD)                                                                    |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| 30. TUBING RECORD                                                                                                                                                                                                                      |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| SIZE                                                                                                                                                                                                                                   |  | DEPTH SET (MD)                                                       |                                    | PACKER SET (MD)                  |                                    |                                                                                |                                |
| 2 3/8                                                                                                                                                                                                                                  |  | 5289                                                                 |                                    | NONE                             |                                    |                                                                                |                                |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                     |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| 5355, 5359, 5361, 5363, 5377, 5492, 5494, 5496, 5534, 5538, 5546, 5556, 5561, 5565, 5572<br>15 - .34 holes                                                                                                                             |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                         |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                    |  |                                                                      |                                    | AMOUNT AND KIND OF MATERIAL USED |                                    |                                                                                |                                |
| 5355 to                                                                                                                                                                                                                                |  |                                                                      |                                    | 90,000 gal Xlinked gel           |                                    |                                                                                |                                |
| 5572                                                                                                                                                                                                                                   |  |                                                                      |                                    | 60 tons Co <sub>2</sub> and      |                                    |                                                                                |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    | 174,000# 10/20 sand              |                                    |                                                                                |                                |
| 33.* PRODUCTION                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    |                                                                                |                                |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                  |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                    |                                  |                                    | WELL STATUS (Producing or shut-in)                                             |                                |
| 1-20-82                                                                                                                                                                                                                                |  | Swab and Flow                                                        |                                    |                                  |                                    | Producing                                                                      |                                |
| DATE OF TEST                                                                                                                                                                                                                           |  | HOURS TESTED                                                         |                                    | CHOKE SIZE                       |                                    | PROD'N. FOR TEST PERIOD                                                        |                                |
| 2-26-82                                                                                                                                                                                                                                |  | 9 hrs.                                                               |                                    | None                             |                                    | OIL—BBL. 58.8                                                                  |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | GAS—MCF. 49                                                                    |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | WATER—BBL. 1.2 Frac H <sub>2</sub> O                                           |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | GAS-OIL RATIO 833                                                              |                                |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                    |  | CASING PRESSURE                                                      |                                    | CALCULATED 24-HOUR RATE          |                                    | OIL GRAVITY-API (CORR.)                                                        |                                |
|                                                                                                                                                                                                                                        |  | 500 psi                                                              |                                    | 156                              |                                    | 130                                                                            |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 3-Frac H <sub>2</sub> O                                                        |                                |
|                                                                                                                                                                                                                                        |  |                                                                      |                                    |                                  |                                    | 41                                                                             |                                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                             |  |                                                                      |                                    |                                  |                                    | TEST WITNESSED BY                                                              |                                |
| VENTED                                                                                                                                                                                                                                 |  |                                                                      |                                    |                                  |                                    | WAYNE TOWNSEND                                                                 |                                |
| 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                                                                                                                                                                                                                                 |  | TITLE                                                                |                                    | DATE                             |                                    | ACCEPTED FOR RECORD                                                            |                                |
| Wayne Townsend                                                                                                                                                                                                                         |  | V.P. of Operations                                                   |                                    | March 10, 1982                   |                                    | MAR 25 1982                                                                    |                                |

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

NMOCC

FARMINGTON DISTRICT  
BY *E.B. [Signature]*

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |       |        | 38. GEOLOGIC MARKERS        |      |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-----------------------------|------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP         |                  |
|                                                                                                                                                                                                                                                       |       |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Pictured Cliffs                                                                                                                                                                                                                                       | 2004' |        |                             |      |             |                  |
| Lewis Shale                                                                                                                                                                                                                                           | 2224' |        |                             |      |             |                  |
| Mesa Verde                                                                                                                                                                                                                                            | 2872' |        |                             |      |             |                  |
| Mancos                                                                                                                                                                                                                                                | 4467' |        |                             |      |             |                  |
| Gallup Sand                                                                                                                                                                                                                                           | 5339' |        |                             |      |             |                  |

### Cement Record

8 5/8" Casing →

250 sx Class "B" w/ 2% CaCl<sub>2</sub>, 1/4 #/sx  
Floccle. C.T. → Surface

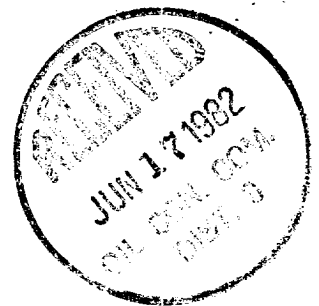
4 1/2" Casing → 1st

230 sx Class "B", 2% CaCl<sub>2</sub>, 8 # Salt/sx,  
6 1/4 # Gilsontec/sx.

2nd

750 sx 65/35 Poz w/ 12% gel, 10 # Gilsontec/sx.

C.T. → Surface



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR  
AZTEC ENERGY CORP.
3. ADDRESS OF OPERATOR  
P.O. Box 2637, Farmington, N.M. 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790'/N & 950'/W  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

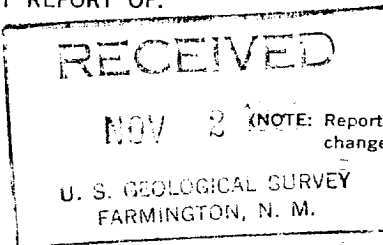
REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

- ☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other) report activity



5. LEASE  
NM 28741
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME  
Lu-Lu
9. WELL NO.  
1
10. FIELD OR WILDCAT NAME  
Lybrook Gallup Ext.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
25-23N-6W
12. COUNTY OR PARISH  
Sandoval
13. STATE  
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7080

17. 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.)\*

Moved in L & B Rig #2. Snudded 4 3/4" hole @ 1100 hrs. 10/31/81. Drilled to 90' and shut down for rig repairs. Activity on 11/1/81 was circulating hole and waiting on air compressor parts.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED John Alexander TITLE Agent DATE November 2, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCC

FARMINGTON, N.M. 87401  
BY SAS