

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 type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/> | Other | | |
| 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 |
| 2. NAME OF OPERATOR | | | | | | FEB 23 1973 | |
| Lively Exploration Company | | | | | | | |
| 3. ADDRESS OF OPERATOR | | | | | | U. S. GEOLOGICAL SURVEY | |
| Box 234, Farmington, New Mexico 87401 | | | | | | FARMINGTON, N. M. | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) | | | | | | | |
| At surface 1180' FSL - 1450' FWL | | | | | | | |
| At top prod. interval reported below | | | | | | | |
| At total depth | | | | | | | |
| 14. PERMIT NO. | | | | DATE ISSUED | | | |
| | | | | | | | |
| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* | | 19. ELEV. CASINGHEAD | | |
| 11-29-72 | 12-14-72 | 1-16-73 | 6325' GR 6337' RKB | | | | |
| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* | | |
| 7550' | 7531' | | 7550' | | 7332' - 7528' Dakota | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN | | | | | | 27. WAS WELL CORED | |
| Gamma Ray Induction and Densilog | | | | | | No | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | 25. WAS DIRECTIONAL SURVEY MADE | |
| Cementing Record | | | | | | No | |
| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | AMOUNT PULLED | | | |
| 9 5/8" | 32.3# | 234 RKB | 13 3/4" | None | | | |
| 7" | 20# | 3350 RKB | 8 3/4" | None | | | |
| 4 1/2" | 11.6 & 10.5# | 7550 RKB | 6 1/4" | None | | | |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SIZE | DEPTH SET (MD) | PACKER SET (MD) | |
| | | | | 1 1/4" | 7455 RKB | | |
| 31. PERFORATION RECORD (Interval, size and number) | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | |
| 7332-45; 7425-29; 7454-60; 7494-98; 7508-12; and 7522-28. 2 jets/ft. | | | | See completion report for detailed frac info. | | | |
| 33.* PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | WELL STATUS (Producing or shut-in) | | |
| | | Flowing | | | Shut-In | | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | |
| 2-14-73 | 3 hrs | 3/4" | | | | | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 2584 SI | 2584 SI | | | 2212 AOF | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | | | | | | TEST WITNESSED BY | |
| | | | | | | Herman McAnally | |
| 35. LIST OF ATTACHMENTS | | | | | | | |
| None | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | |
| SIGNED | | Original signed by T. A. Dugan | | | TITLE | | |
| Thomas A. Dugan | | | | | Engineer | | |
| | | | | | DATE | | |
| | | | | | 2-21-73 | | |

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

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, 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.

not filed prior to the time this summary report 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 POROSITY 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. |
|  | | | |
| 38. GEOLOGIC MARKERS | | | |
| NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
| <u>Log Tops</u> | | | |
| Ojo Alamo | 2029' | | |
| Kirtland | 2197' | | |
| Fruitland | 2682' | | |
| Pictured Cliffs | 3030' | | |
| Lewis | 3193' | | |
| Cliff House | 4782' | | |
| Menefee | 4840' | | |
| Point Lookout | 5225' | | |
| Mancos | 5402' | | |
| Gallup | 6488' | | |
| Greenhorn | 7223' | | |
| Graneros | 7282' | | |
| Dakota | 7329' | | |