

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\*

5. LEASE DESIGNATION AND SERIAL NO.

SF 078905

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit - P.

8. FARM OR LEASE NAME

9. WELL NO.

259

10. FIELD AND POOL, OR WILDCAT

Kutz Pictured Cliffs, West

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 14-T28N-R12W

12. COUNTY OR  
PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SWD Wellb. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other Recompletion

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3280, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

740' FSL &amp; 810' FEL (SE SE)

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, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

2-28-78

3-3-78

3-24-78

5,790' KB

20. TOTAL DEPTH, MD &amp; TVD 21. PLUG BACK T.D., MD &amp; TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

Original 5,830'

Current 4,360'

No

0 - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Mesa Verde Formation - 3,205'-4,360' - Injection into perf intervals -  
See Below25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------------|---------------|
| 8-5/8"      | 24#             | 258'           |           | Circ to surface - 150 sx | -0-           |
| 4-1/2"      | 10.5#           | 5,830'         |           | Circ to surface 1,650 sx | -0-           |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          | None        |               |             | 2-3/8" | 3,290' KB      | 3,290' KB       |

31. PERFORATION RECORD (Interval, size and number)

3,320'-50' (30') w/4 JPF

3,900'-30' (30') w/2 JPF

4,130'-90' (60') w/2 JPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3,320'-50'          | 1,000 gals 15% HCL               |
| 3,900'-30'          | 650 gals 15% HCL                 |
| 4,130'-90'          | 2,000 gals 15% HCL               |

33.\*

PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)  
SI SWD WellDATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL BBL. WATER BBL. GAS BBL. OIL GRAVITY-API (CORR.)  
APR 14 1978FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL BBL. GAS BBL. WATER BBL. OIL GRAVITY-API (CORR.)  
APR 14 1978

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

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

Dean B. Barnes

TITLE

Dist. Prod. Engr - RMD

DATE

4-12-78

\*(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, 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:                                                                                                                                                                                       |     |                                                                                                                                                                                                                                                                            | 38. GEOLOGIC MARKERS |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (SED. TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |                                                                                                                                                                                                                                                                            |                      |             |
| FORMATION                                                                                                                                                                                                          | TOP | BOTTOM                                                                                                                                                                                                                                                                     | NAME                 | MEAS. DEPTH |
|                                                                                                                                                                                                                    |     |                                                                                                                                                                                                                                                                            | TRUE VERT. DEPTH     |             |
|                                                                                                                                                                                                                    |     |                                                                                                                                                                                                                                                                            |                      |             |
|                                                                                                                                                                                                                    |     | Well was originally drilled and completed in Gallup Formation. P & A 3-17-73 with 4-1/2" csg cemented to surface and left in place.                                                                                                                                        |                      |             |
|                                                                                                                                                                                                                    |     | Drilled and cleaned out cmt plugs to 4,360'. Perf 3 intervals in Mesa Verde Formation. Will use as SWD well for Pictured Cliffs produced water. 2-3/8" tubing w/pkr set at 3,290'. Annulus filled w/fluid containing corrosion and biocide inhibitor and oxygen scavenger. |                      |             |