

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R3886.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. Other _____
 2. NAME OF OPERATOR: Amoco Production Company
 3. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, NM 87401

6. LEASE DESIGNATION AND SERIAL NO.: I-149-IND-8470
 8. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe
 7. UNIT AGREEMENT NAME: Gallegos Canyon Unit
 9. FARM OR LEASE NAME: _____

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 830' FSL x 970' FWL
 At top prod. interval reported below Same
 At total depth Same

RECEIVED
JUL 5 1983

10. FIELD AND POOL, OR WELDCAT: Basin Dakota
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW/SW, Section 30, T28N, R12W
 12. COUNTY OR PARISH: San Juan
 13. STATE: New Mexico

14. PERMIT NO. _____ DATE ISSUED _____
 U.S. GEOLOGICAL SURVEY
 15. DATE SPUDDED: 5-12-83
 16. DATE T.D. REACHED: 5-18-83
 17. DATE COMPL. (Report to Prod. 5): 5-27-83
 18. DEPT. ELEVATIONS (DF, REB, RT, GR, ETC.): 5743' KB
 19. ELEV. CASINGHEAD: 5730' GL
 20. TOTAL DEPTH, MD & TVD: 6165'
 21. PLUG, BACK T.D., MD & TVD: 6121'
 22. IF MULTIPLE COMPLET., HOW MANY*: _____
 23. INTERVALS DRILLED BY: _____ ROTARY TOOLS: 0-TD CABLE TOOLS: _____
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5944'-6034' Dakota
 25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-GR-SP, CDL-Dual Sp. Neutron-GR-Caliper
 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# K-55 | 351' | 12-1/4" | 420 cu. ft. Class B cement w/2% CaCl ₂ | Stage |
| 4-1/2" | 10.5# K-55 | 6165' | 7-7/8" | 1) 655 cu. ft. Class B 50:50 POZ cement. Stag | 50 POZ cement, Stag |
| | | | | 2) 1773 cu. ft. Class B 65:35 POZ cement. Tailed in both stages with | |
| | | | | 118 cu. ft. Class "B" neat. | |

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" | 6071' | |

31. PERFORATION RECORD (Interval, size and number): 5944'-5958', 5976'-6034' with 2 JSPE for a total of 144 holes .39" in diameter.
 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 PERM. INTERVAL (MD): 5944'-6034'
 AMOUNT AND KIND OF MATERIAL USED: Frac w/100,000 gals 2% quality foam and 190,000# 20-40 mesh sand.

33.* PRODUCTION
 DATE FIRST PRODUCTION: 6-15-83
 PRODUCTION METHOD (Flowing, gas lift, pumpin)—size and type of pump: Flowing
 WELL STATUS (Producing or shut-in): SI
 DATE OF TEST: 6-16-83
 HOURS TESTED: 3
 CHOKED SIZE: .75
 PROD'N. FOR TEST PERIOD: _____
 OIL—BBL.: _____ GAS—MCF.: 221
 WATER—BBL.: _____
 FLOW. TUBING PRESS.: 140 psi
 CASING PRESSURE: 473 psi
 CALCULATED 24-HOUR RATE: _____
 OIL—BBL.: _____ GAS—MCF.: 1770
 WATER—BBL.: _____
 OIL GRAVITY-API (CORR.): _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold.
 TEST WITNESSED BY: J. J. Barnett

35. LIST OF ATTACHMENTS: _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
 SIGNED: _____ TITLE: Dist. Admin. Supvr. DATE: _____

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

NMOCC

ACCEPTED FOR RECORD

JUL 10 1983

FARMINGTON DISTRICT
SMM

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.)

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS | |
|-----------------|-----------|-----------|-----------------------------|------------------|------------------|
| | | | | NAME | MEAS. DEPTH |
| | | | | | TRUE VERT. DEPTH |
| Ojo Alamo | Not Shown | Not Shown | | | |
| Kirtland Sh. | Now Shown | 800 | | | |
| Fruitland | 800' | 1360' | | | |
| Pictured Cliffs | 1360' | 1500' | | | |
| Lewis Shale | 1500' | 2270' | | | |
| Mesaverde | 2270' | 4135' | | | |
| Mancos Sh. | 4135' | 4994' | | | |
| Gallup | 4994' | 5585' | | | |
| Mancos Sh. | 5585' | 5824' | | | |
| Greenhorn | 5824' | 5876 | | | |
| Graneros Dak. | 5936' | 5992' | | | |
| Main Dak. | 5992' | 6044' | | | |