

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:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                    |  | 14. PERMIT NO.                                                                                                                              |  | DATE ISSUED                                                |  |
| b. TYPE OF COMPLETION:<br>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"/> |  | 15. DATE SPURRED                                                                                                                            |  | 16. DATE T.D. REACHED                                      |  |
| 2. NAME OF OPERATOR<br><b>PAN AMERICAN PETROLEUM CORPORATION</b>                                                                                                                                                                                   |  | 17. DATE COMPL. (Ready to prod.)                                                                                                            |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*                    |  |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 480, Farmington, New Mexico</b>                                                                                                                                                                             |  | 19. ELEV. CASINGHEAD                                                                                                                        |  | 20. TOTAL DEPTH, MD & TVD                                  |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1650' FSL &amp; 1100' FSL</b><br>At top prod. interval reported below<br>At total depth <b>Same</b>                                  |  | 21. PLUG, BACK T.D., MD & TVD                                                                                                               |  | 22. IF MULTIPLE COMPL., HOW MANY*                          |  |
| 23. INTERVALS DRILLED BY<br><b>Surf. - 1346'</b>                                                                                                                                                                                                   |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>1260-1272' Fruitland</b><br><b>1280-1284' Fruitland</b> |  | 25. WAS DIRECTIONAL SURVEY MADE                            |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Induction-Gamma Ray</b>                                                                                                                                                                                 |  | 27. WAS WELL CORED                                                                                                                          |  | 28. CASING RECORD (Report all strings set in well)         |  |
| 29. LINER RECORD                                                                                                                                                                                                                                   |  | 30. TUBING RECORD                                                                                                                           |  | 31. PERFORATION RECORD (Interval, size and number)         |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                     |  | 33. PRODUCTION                                                                                                                              |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                            |  | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records           |  | 37. TEST WITNESSED BY                                      |  |
| 38. SIGNED                                                                                                                                                                                                                                         |  | 39. TITLE                                                                                                                                   |  | 40. DATE                                                   |  |

**RECEIVED**  
MAY 4 1967

**RECEIVED**  
MAY 5 1967

**OIL CON. COMPL. INTERVAL (MD)**  
**DIST. 3120-1272' & 1280-1284'**

**AMOUNT AND KIND OF MATERIAL USED**  
**500 gal. acid, 10,000 gal. water, 25,000 lbs. 20-40 sand, and 1,000 lbs. 10-20 sand.**

**PRODUCTION**  
DATE FIRST PRODUCTION **4-4-67**  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing**  
WELL STATUS (Producing or shut-in) **Shut-in**

**DATE OF TEST** **4-11-67** **HOURS TESTED** **3** **CHOKE SIZE** **3/4"** **PROD'N. FOR TEST PERIOD** **0** **OIL—BBL.** **0** **GAS—MCF.** **638** **WATER—BBL.** **--** **GAS-OIL RATIO** **--**

**FLOW. TUBING PRESS.** **424** **CASING PRESSURE** **413** **CALCULATED 24-HOUR RATE** **3246** **OIL—BBL.** **0** **GAS—MCF.** **638** **WATER—BBL.** **--** **OIL GRAVITY-API (CORR.)** **--**

**34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)**  
**To be sold to El Paso Natural Gas Company**

**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**

**ORIGINAL SIGNED BY:**  
**G. W. Eaton, Jr.**  
**SIGNED** **G. W. Eaton, Jr.** **TITLE** **Area Engineer** **DATE** **May 2, 1967**

\*(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 38, 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 36.

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:

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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
|----------------------------------------------------------|------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|------------------|
| 1000' to 1256'<br>Surface sand<br>and shale<br>Fruitland | 0<br>1256' | 1256'<br>1246' | Well was spudded on March 24, 1967 and 9-7/8" hole drilled to 302' where 7" casing set with 175 sacks Type "A" cement with 21 calcium chloride (50 sacks circulated). Drilled 4-1/4" hole to 1346' where 4-1/2" casing was set with 175 sacks Type "A" cement with 59:50 Blumex and 50 sacks Type "C" test cement (50 sacks circulated). Drilled out to plug back depth of 1309' with 3-7/8" bit. Perforated Fruitland formation 1260-1272' and 1280-1294' with 4 shots per foot. Spent time with 500 gallons 15% acid and mud-water frac with 25,000 pounds 20-40 mesh, 5,000 pounds 10-20 mesh, and 30,000 gallons water treated with 21 potassium chloride and 2-1/2 pounds J-100 per 1000 gallons. Breakdown pressure 2000, average casing pressure 1900 at 65 BPM. On 4-11-67 well tested at 3264 MFW with tubing pressure flowing 424 psig and casing pressure flowing 413 psig. Top pay Fruitland 1256'. |      |             |                  |

