

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Copy to J.

Form approved. Budget Bureau No. 42-R355.5.

NMDC - ARTESIA NMDC - MOBBS BLM - SANTA FE

5. LEASE DESIGNATION AND SERIAL NO. M-0558966

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] Other RECEIVED

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other JUN 24 1968

2. NAME OF OPERATOR Atlantic Richfield Company O. C. C.

3. ADDRESS OF OPERATOR P. O. Box 1978, Roswell, New Mexico 88201 ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 660' PML, 660' PML (Unit Letter A) At top prod. interval reported below At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Morrison Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-12S, R-26E

14. PERMIT NO. DATE ISSUED 4-29-68 12. COUNTY OR PARISH Chaves 13. STATE N.M.

15. DATE SPUNDED 5-3-68 16. DATE T.D. REACHED 5-27-68 17. DATE COMPL. (Ready to prod.) P&A 5/28/68 18. ELEVATIONS (DF, RKB, IT, GR, ETC.)\* 3668' DF 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6370' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-6370 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TCP, BOTTOM, NAME (MD AND TVD)\* P&A 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHC GR Sonic w/Int. Time Scale, Laterolog, Microlaterolog w/Caliper & Neutron Log 27. WAS WELL CORED No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8, 48, 391.66, 17-1/2, 500 sx Incol: cmt, None and 8-5/8, 24, 1564.29, 11, 710 sx Incol: cmt, None.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Rows for LINER RECORD and TUBING RECORD.

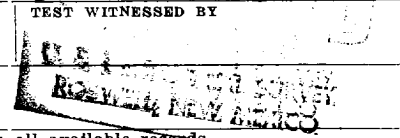
Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED).

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump), WELL STATUS (Producing or shut-in), DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL—BBL., GAS—MCF., WATER—BBL., OIL GRAVITY-API (CORR.).

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

35. LIST OF ATTACHMENTS Copies of all logs & deviation survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Original Signed SIGNED O. D. Bretches TITLE Dist. Drilling Supervisor DATE 6-12-68



ACCEPTED FOR RECORD (See Instructions and Spaces for Additional Data on Reverse Side) J. W. Suthers

# 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
38.				
<b>DST #1, Wolfcamp 5350-5360, 7/8" BC, 1" TC, no WC. Took 5 min pre-flow w/good air blow throughout. Took 1 hr ISI. Tool open 60 min. GTS in 7 min @ volume too small too measure. Gas flow decreased steadily throughout flow period. Took 60 min PSI. Recovered 180' OSGCDM (5% oil), 270' OAGC salt wtr (5% oil), 2850' OC salt wtr. ISIP 2045#, IFF 222#, FFP 1573#, PSIP 2019#.</b>			<b>DST #2: Fusselman 6022-6055 - could not get below 6010' w/tools (misrun)</b>	MEAS. DEPTH 874 2145 3562 4320 5046 5510 6010
<b>DST #3: Fusselman 6022-6055, 5/8" BC, 1" TC, no WC. Took 10 min preflow w/good air blow. Took 60 min ISI. Tool open 90 min w/good air blow throughout. Took 60 min PSI. Recovered 370' of SOGCDM. ISIP 1714#, IFF 174#, FFP 251#, PSIP 1329#.</b>			<b>DST #4: Fusselman 6027-6112, 7/8" BC, 1" TC, no WC. Took 10 min preflow w/good air blow. Took 60 min ISI. Tool open 90 min w/good air blow throughout. Took 60 min PSI. Recovered 465' of SOGCDM &amp; 1760' of SGC salt wtr. ISIP 2427#, IFF 413#, FFP 1140#, PSIP 2274#.</b>	NAME San Andres Glorieta Tubb Abo Wolfcamp Pennsylvanian Fusselman
				TOP
				TRIM VERT. DEPTH