

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM-077002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Nellis Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Buffalo Penn Morrow R-5781

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

6-19-33

12. COUNTY OR PARISH
Lea13. STATE
NM

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P.O. Drawer A, Levelland, Texas 79336

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

At surface

660' FSL x 1980' FEL, Sec 6 (Unit 0 SW/4 SE/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-24-78

16. DATE T.D. REACHED

3-25-78

17. DATE COMPL. (Ready to prod.)

4-13-78

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3699.7 RDB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13670'

21. PLUG BACK T.D., MD & TVD

13660'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 to TD

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

13392'-403', 13649'-652'

Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog Micro SFL, Compensated Neutron Formation Density

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 |
|-------------|-----------------|----------------|-----------|-------------------------------|---------------|
| 13 3/8" | 48# | 430' | 17 1/2" | 430sx Class H | |
| 9 5/8" | 36# | 5001' | 12 1/4" | 2400sx Lite & 200 sx Class C | |
| 5 1/2" | 15.5 | 13669' | 8 3/4" | 1750sx Lite & 1250 sx Class H | |

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" | 13206' | 13206' |

31. PERFORATION RECORD (Interval, size and number)

13392'-403', 13649'-652' 23SPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 13392'-403' | 500 gal 10% Acetic Acid |
| 13649'-652' | |
| | |
| | |

33.*

PRODUCTION

DATE FIRST PRODUCTION

4-13-78

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST

4-13-78

HOURS TESTED

24

CHOKE SIZE

20/64"

PROD'N. FOR TEST PERIOD

80

OIL—BBL.

80

GAS—MCF.

3930

WATER—BBL.

0

GAS-OIL RATIO

49125

FLOW. TUBING PRESS.

1550#

CASINO PRESSURE

CALCULATED 24-HOUR RATE

80

OIL—BBL.

80

GAS—MCF.

3930

WATER—BBL.

0

OIL GRAVITY-API (CORR.)

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

Sold to Amoco Production Co.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs per item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Ray W. Cox

TITLE

Administrative Supervisor

DATE

5-3-78

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

0+4-USGS,H; 1-Div; 1-Susp; 1-RC; 1-Conoco

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: "Stacks (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.)

27. SUMMARY OF INTERVAL ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (880), TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
|-----------|-------|--------|-----------------------------|------------------|-------------|------------------|
| Morrow | 13392 | 13652 | Gas Zone | Delaware | 7552 | |
| | | | | Bone Springs | 8775 | |
| | | | | 1st Bone Springs | 9287 | |
| | | | | Sand | 10390 | |
| | | | | 2nd Bone Springs | 10845 | |
| | | | | Sand | 12150 | |
| | | | | 3rd Bone Springs | 12510 | |
| | | | | Sand | 12925 | |
| | | | | Wolfcamp | 13046 | |
| | | | | Strawn | | |
| | | | | Atoka | | |
| | | | | Morrow | | |
| | | | | Middle Morrow | | |