

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SUBMIT IN
DUPLICATE
DEC 7 2011

(See other instructions on
reverse side)

Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND LEASE NO
SF-078766

6. IF INDIAN ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

Rosa Unit

1a. TYPE OF WELL OIL WELL ☒ GAS WELL DRY OTHER

b. TYPE OF COMPLETION

NEW WELL WORKOVER DEEPEN PLUG BACK DIFF. RESVR. ☒ OTHER - horizontal reentry

AMENDED
(correct 5-1/2" liner)

2. NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

8. FARM OR LEASE NAME, WELL NO.

Rosa Unit 256A

3. ADDRESS AND TELEPHONE NO.

P.O. Box 640, Aztec, NM 87410 (505) 333-1806

9. API WELL NO.

30-039-27652

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

SHL: 1302' FNL & 1586' FWL

BHL: 52' FNL & 58' FEL

10. FIELD AND POOL, OR WILDCAT
BASIN FRUITLAND COAL

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

SEC 25, 31N 6W

15. DATE
SPUDDED
5/17/04

16. DATE T.D.
REACHED
existing

17. DATE COMPLETED (READY TO PRODUCE)

14. PERMIT NO

DATE ISSUED

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

6401' GR

12. COUNTY OR

13. STATE

Rio Arriba

New Mexico

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6095' MD / 3229' TVD

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

6095' MD 3229' TVD

22. IF MULTICOMP.

HOW MANY

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

BASIN FRUITLAND COAL: 3146'-6090' MD

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL COKED

No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|----------------|----------------|-----------|---------------------------------|---------------|
| 9-5/8" K-55 | 36# | 322' | 12-1/4" | 155' SX - SURFACE | |
| 7", K-55 | 20# | 3078' | 8-3/4" | 425' SX - SURFACE | |
| | | | | | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------|-------------|---------------|-------------|--------------------|----------------|-----------------|
| 5-1/2" | 2967' | 3186' | 0 SX | | | | |
| 4 1/2" | 2678' | 6095' | 0 SX | | 2-3/8", 4.7#, J-55 | 3162' | |

31. PERFORATION RECORD (Interval, size, and number)

Basin Fruitland Coal: 4-1/2" casing (Pre-Perforated Liner, 28, 0.50" dia holes p/ft)

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

3146'-6090'

Well was not stimulated

33. PRODUCTION

| DATE OF FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) | | | | WELL STATUS (PRODUCING OR SHUT-IN) | |
|--------------------------|-----------------|--|------------------------|-----------|-----------|------------------------------------|-------------------------|
| 8/25/04 | | | | | | | |
| DATE OF TEST | TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
| | | | | | | | |
| FLOW TBG 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.): non flaring

TEST WITNESSED BY

35. LIST OF ATTACHMENTS:

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

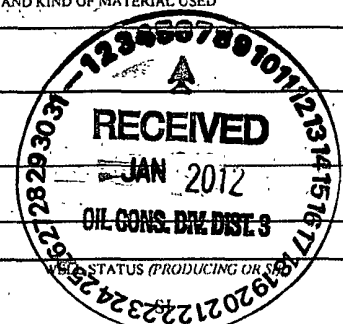
SIGNED

TITLE: Larry Higgins

OPERATOR
NWOC

DATE 12/7/11

FARMINGTON FIELD OFFICE
BY



ACCEPTED FOR

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):

38. GEOLOGIC MAP SHEETS

| FORMATION | TOP | | BOTTOM | | DESCRIPTION, CONTENTS, ETC. | | NAME |
|-----------------|-------|--|--------|--|-----------------------------|--|------|
| KIRTLAND | 2614' | | | | | | |
| FRUITLAND | 2989' | | | | | | |
| PICTURED CLIFFS | 3234' | | | | | | |
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5 LEASE DESIGNATION AND LEASE NO
SF-078766
OF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | | | | |
|--|---|--------------------------------------|--|---------------------------------------|-------------------------|---------------------------------|--|----------------------|
| 1a | TYPE OF WELL | OIL WELL | <input checked="" type="checkbox"/> GAS WELL | DRY | OTHER | 7 UNIT AGREEMENT NAME | Rosa Unit | |
| b | TYPE OF COMPLETION | NEW WELL | WORKOVER | DEEPEN | PLUG BACK | DIFF RESVR | <input checked="" type="checkbox"/> OTHER - horizontal reentry | NMNM 784070 |
| 2 | NAME OF OPERATOR | | | | | | 8 FARM OR LEASE NAME, WELL NO | Rosa Unit 256A |
| WILLIAMS PRODUCTION COMPANY | | | | | | | | |
| 3 | ADDRESS AND TELEPHONE NO | | | | | | 9 API WELL NO | 30-039-27652 -0091 |
| P O. Box 640, Aztec, NM 87410 (505) 333-1806 | | | | | | | | |
| 4. | LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* | | | | | | 10 FIELD AND POOL, OR WILDCAT | BASIN FRUITLAND COAL |
| SHL 1302' FNL & 1586' FWL | | | | | | 11 SEC., T, R, M., OR BLOCK AND | SURVEY OR AREA | |
| BHL 52' FNL & 58' FEL | | | | | | SEC 25, 31N 6W | | |
| | | | | | | 12 COUNTY OR | 13 STATE | |
| | | | | | | Rio Arriba | New Mexico | |
| 15 DATE | 16 DATE T D | 17 DATE COMPLETED (READY TO PRODUCE) | | 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* | | 19 ELEVATION CASINGHEAD | | |
| SPUDDED | REACHED | 11/27/11 | | 6401' GR | | | | |
| 5/17/04 | existing | | | | | | | |
| 20 TOTAL DEPTH, MD & TVD | 21 PLUG, BACK T D, MD & TVD | | 22 IF MULTICOMP, HOW MANY | | 23 INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS | |
| 6095' MD / 3229' TVD | 6095' MD 3229' TVD | | | | | x | | |
| 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* | | | | | | 25 WAS DIRECTIONAL SURVEY MADE | | |
| BASIN FRUITLAND COAL 3146'-6090' MD | | | | | | YES | | |
| 26 TYPE ELECTRIC AND OTHER LOGS RUN | | | | | | 27 WAS WELL CORED | | |
| | | | | | | No | | |

| CASING SIZE/GRADE | WEIGHT, LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|---------------|----------------|-----------|---------------------------------|----------------|
| 9-5/8", K-55 | 36# | 322' | 12-1/4" | 155 SX - SURFACE | RCVD DEC 2 '11 |
| 7", K-55 | 20# | 3078' | 8-3/4" | 425 SX - SURFACE | OIL CONS. DIV. |
| | | | | | DIST. 3 |

| 29 LINER RECORD | | | | 30 TUBING RECORD | | | |
|-----------------|----------|-------------|---------------|------------------|--------------------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| 5-1/2 | 2959' | 3192' | 0SX | | | | |
| 4 1/2" | 2678' | 6095' | 0 SX | | 2-3/8", 4 7#, J-55 | 3162' | |

| | | |
|--|--|----------------------------------|
| 31 PERFORATION RECORD (Interval, size, and number) | 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | |
| | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| | 3146'-6090' | Well was not stimulated |
| | | |

| | | | | | | | |
|--------------------------|-----------------|--|------------------------|-----------|-----------|--|-------------------------|
| 33 PRODUCTION | | | | | | | |
| DATE OF FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) | | | | WELL STATUS (<i>PRODUCING OR SI</i>) | |
| 8/25/04 | | | | | | SI | |
| DATE OF TEST | TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
| FLOW TBG 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) | non flaring | TEST WITNESSED BY | RECORD |
| 35 LIST OF ATTACHMENTS | SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report | | |

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

SIGNED Larry Higgins TITLE Larry Higgins

DATE 12/1/11

DEC 02 2011

FARMINGTON FIELD OFFICE
BY

NMOCD

| | | | | | | | | |
|--|-------|--|--------|--|----------------------------|--|---------------------|--|
| 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) | | | | | | | 38 GEOLOGIC MARKERS | |
| FORMATION | TOP | | BOTTOM | | DESCRIPTION, CONTENTS, ETC | | NAME | |
| KIRTLAND | 2614' | | | | | | | |
| FRUITLAND | 2989' | | | | | | | |
| PICTURED CLIFFS | 3234' | | | | | | | |