

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

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

5 LEASE DESIGNATION AND LEASE NO.
NMSF-078767

6 IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

Rosa Unit

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b TYPE OF COMPLETION
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

2 NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3 ADDRESS AND TELEPHONE NO
P O. Box 640, Aztec, NM 87410 (505) 634-4208

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1910' FNL & 2225' FWL, sec 12, T31N, R6W
At top production interval reported below : 1208' FNL & 1534' FEL, sec 12, T31N, R6W
At total depth: Same

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #149C

9. API WELL NO
30-039-30723-0002

10. FIELD AND POOL, OR WILDCAT
Basin Mancos

11 SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA
Sec 12, T31N, R6W

12 COUNTY OR 13 STATE
Rio Arriba New Mexico

19 ELEVATION CASINGHEAD

15 DATE 16 DATE T D 17 DATE COMPLETED (READY TO PRODUCE)
SPUDDED REACHED
6-25-09 7-5-09 9-19-09

14 PERMIT NO DATE ISSUED
18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6286' GR

20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T D, MD & TVD
8178' MD / 7980' TVD 8135' MD / 7937' TVD

22 IF MULTCOMP, 23 INTERVALS
HOW MANY DRILLED BY
3*

ROTARY TOOLS CABLE TOOLS
x

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN MANCOS. 6968'-7420' MD Commingled with Mesaverde and Dakota per AZT-3229

25 WAS DIRECTIONAL SURVEY MADE
YES

26 TYPE ELECTRIC AND OTHER LOGS RUN
Array Induction, Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL

27 WAS WELL CORED
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 |
|-------------------|---------------|----------------|-----------|---------------------------------|---------------|
| 10-3/4", J-55 | 40.5# | 313' | 14-3/4" | 310 SX - SURFACE | |
| 7-5/8", K-55 | 26.4# | 3831' | 9-7/8" | 645 SX - SURFACE | |
| 5-1/2", N-80 | 17.0# | 8177' | 6-3/4" | 360 SX - 3068' (CBL) | |

29 LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------------------------------|----------------|-----------------|
| | | | | | 2 3/5", 4.7#, J-55 EUE 8rd | 8111' | none |

31 PERFORATION RECORD (Interval, size, and number)

Upper Mancos: Total of 90, 0.34" holes

Lower Mancos: Total of 75, 0.34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|---|
| 6968'-7220' | Fraced with 4995# 100 mesh BASF followed with 114,270# 40/70 mesh BASF ROVD SEP 24 '09 |
| 7253'-7420' | Fraced with 5005# 100 mesh BASF followed with 99,907# 40/70 mesh BASF OIL CONS. DIV. |

33 PRODUCTION

| DATE OF FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) | | | | WELL STATUS (PRODUCING OR SI) | |
|--------------------------|-----------------|--|------------------------|-----------|-------------|-------------------------------|------------------------|
| | | Flowing ✓ | | | | SI - waiting on tie-in ✓ | |
| DATE OF TEST | TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
| 9-17-09 ✓ | 2 hr ✓ | 2" | | | | | |
| FLOW TBG PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | | OIL - BBL | GAS - MCF | WATER - BBL | OIL GRAVITY-API (CORR) |
| 0 | 300 lb | | | | 665 mcf/d ✓ | | |

34 DISPOSITION OF GAS (Solid, used for fuel, vented, etc) TO BE SOLD

TEST WITNESSED BY Weldon Huggins

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 a thorough review of the records.

SIGNED Larry Huggins TITLE Drig COM DATE 9-21-09

ACCEPTED FOR RECORD

SEP 23 2009

FARMINGTON FIELD OFFICE
BY TL Salyers

| 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 | TOP | | |
| | | | | | | NAME | MEASURED DEPTH | TRUE VERTICAL DEPTH |
| | | | | | | PICTURED CLIFFS | 3337' | 3142' |
| | | | | | | LEWIS | 3640' | 3442' |
| | | | | | | CLIFFHOUSE | 5541' | 5343' |
| | | | | | | MENEFEE | 5586' | 5388' |
| | | | | | | POINT LOOKOUT | 5821' | 5623' |
| | | | | | | MANCOS | 6280' | 6081' |
| | | | | | | DAKOTA | 7920' | 7722' |
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