

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

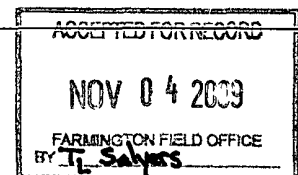
| | | | | | | | |
|---|--|---|--|---|-----------------------------|---------------------------------------|-------------|
| 1a. TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER | | 7 UNIT AGREEMENT NAME Rosa Unit | | | | | |
| b. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> OTHER | | 8 FARM OR LEASE NAME, WELL NO Rosa Unit COM #169D | | | | | |
| 2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY | | 9 API WELL NO. 30-039-30755-0003 | | | | | |
| 3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208 | | 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 2395' FSL & 1720' FEL, sec 3, T31N, R6W At top production interval reported below 2206' FSL & 667' FEL, sec 3, T31N, R6W At total depth: Same | | 11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 3, T31N, R6W | | | | | |
| 15 DATE SPUDDED 8-24-09 | | 16 DATE T D REACHED 9-10-09 | 17 DATE COMPLETED (READY TO PRODUCE) 10-28-09 | 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6355' GR | 19 ELEVATION CASINGHEAD | | |
| 20 TOTAL DEPTH, MD & TVD 8258' MD / 8066' TVD | | 21 PLUG, BACK T D, MD & TVD 8250' MD / 8058' TVD | | 22 IF MULTICOMP, HOW MANY 3* | 23. INTERVALS DRILLED BY | ROTARY TOOLS x | CABLE TOOLS |
| 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE: 5582'-6198' MD Commingled with MC & DK per AZT-3264 | | | | | | 25 WAS DIRECTIONAL SURVEY MADE YES | |
| 26 TYPE ELECTRIC AND OTHER LOGS RUN Pulsed Neutron Decay Log 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# | 322' | 14-3/4" | 290 SX - SURFACE | | | |
| 7-5/8", K-55 | 26.4# | 3820' | 9-7/8" | 595 SX - SURFACE | | | |
| 4-1/2", N-80 | 11.6# | 8257' | 6-3/4" | 590 SX - 4520' (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 & N-80EUE 8rd | 8044' | none |
| 31 PERFORATION RECORD (Interval, size, and number) | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | | | |
| Upper MV: Total of 54, 0.34" holes ✓ Lower MV: Total of 65, 0.34" holes ✓ | | | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | | |
| | | | | 5582'-5778' | Fraced with 83,000# 20/40 mesh BASF | | |
| | | | | 5820'-6198' | Fraced with 77,600# 20/40 mesh BASF | | |

| | | | | | | | |
|--|---|---|------------------------|-----------|---------------------------|-------------------------------|------------------------|
| 33 PRODUCTION | | | | | | | |
| DATE OF FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing ✓ | WELL STATUS (PRODUCING OR SI) SI - waiting on tie-in ✓ | | | | | |
| DATE OF TEST 10-26-09 | TESTED 2 hr | CHOKE SIZE 3/4" | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
| FLOW TBG PRESS 0 | CASING PRESSURE 310 lb | CALCULATED 24-HOUR RATE | | OIL - BBL | GAS - MCF 1629 mcf/d ✓ | WATER - BBL | OIL GRAVITY-API (CORR) |
| 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring | | | | | | TEST WITNESSED BY Buddy Banks | |

| | |
|--|---|
| 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 <u>Caray Higgins</u> | TITLE <u>Drilg COM</u> DATE <u>10-30-09</u> |

NMCCD 76



| 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 |
| | | | | | | LEWIS | 3673' | 3482' |
| | | | | | | CLIFFHOUSE | 5576' | 5384' |
| | | | | | | POINT LOOKOUT | 5820' | 5628' |
| | | | | | | MANCOS | 6296' | 6104' |
| | | | | | | GRANEROS | 7926' | 7734' |
| | | | | | | DAKOTA | 8053' | 7861' |

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
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FORM APPROVED
OMB NO 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | |
|--|-----------------------------------|---|---|---|-------------------|
| 1a TYPE OF WELL: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER | | RECEIVED OCT 30 2009 Bureau of Land Management Farmington Field Office | | 5. LEASE DESIGNATION AND LEASE NO. NMSF-078772 | |
| b TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER | | | | 6. IF INDIAN, ALLOTTEE OR | |
| 2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY | | 7 UNIT AGREEMENT NAME Rosa Unit | | 8 FARM OR LEASE NAME, WELL NO Rosa Unit COM #169D | |
| 3 ADDRESS AND TELEPHONE NO. P.O. Box 640, Aztec, NM 87410 (505) 634-4208 | | 9 API WELL NO 30-039-30755-0001 | | 10. FIELD AND POOL, OR WILDCAT Basin Dakota | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 2395' FSL & 1720' FEL, sec 3, T31N, R6W At top production interval reported below: 2206' FSL & 667' FEL, sec 3, T31N, R6W At total depth. Same | | 11. SEC, T, R, M, OR BLOCK AND SURVEY OR AREA Sec 3, T31N, R6W | | 12 COUNTY OR Rio Arriba | |
| 14 PERMIT NO | | DATE ISSUED | | 13 STATE New Mexico | |
| 15 DATE SPUDDED 8-24-09 | 16 DATE T D REACHED 9-10-09 | 17 DATE COMPLETED (READY TO PRODUCE) 10-28-09 | 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6355' GR | 19 ELEVATION CASINGHEAD | |
| 20 TOTAL DEPTH, MD & TVD 8258' MD / 8066' TVD | | 21 PLUG, BACK T D, MD & TVD 8250' MD / 8058' TVD | 22 IF MULTICOMP, HOW MANY 3* | 23 INTERVALS DRILLED BY | ROTARY TOOLS X |
| 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN DAKOTA: 8054'-8236' MD | | 25 WAS DIRECTIONAL SURVEY MADE YES | | 26 TYPE ELECTRIC AND OTHER LOGS RUN Pulsed Neutron Decay Log and CBL | |
| 27 WAS WELL CORED No | | 28 CASING REPORT (Report all strings set in well) | | 29 LINER RECORD | |

| 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# | 322' | 14-3/4" | 290 SX - SURFACE | |
| 7-5/8", K-55 | 26.4# | 3820' | 9-7/8" | 595 SX - SURFACE | |
| 4-1/2", N-80 | 11.6# | 8257' | 6-3/4" | 590 SX - 4520' (CBL) | |

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|----------------------------------|----------------|-----------------|
| | | | | | 2.375", 4 7#, J-55 & N-80EUE 8rd | 8044' | none |

| | | | | | |
|---|--|--|--|--|--|
| 31 PERFORATION RECORD (Interval, size, and number) <u>Dakota</u> Total of 132, 0.34" holes | | 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD) 8054'-8236' | | AMOUNT AND KIND OF MATERIAL USED Fraced with 5000# 100 mesh BASF followed with 116,300# 40/70 mesh BASF | |
| | | | | RCVD NOV 9 '09 OIL CONS. DIV. DIST. 5 | |

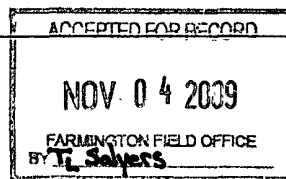
| | | | | | | | | | |
|--------------------------|---------------------------|--------------------------|------------------------|-----------|---|---|------------------------|---|--|
| 33 PRODUCTION | | DATE OF FIRST PRODUCTION | | | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing <input checked="" type="checkbox"/> | | WELL STATUS (PRODUCING OR SI) SI - waiting on tie-in <input checked="" type="checkbox"/> | |
| DATE OF TEST 10-26-09 | TESTED 2 hr | CHOKE SIZE 3/4" | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO | | |
| FLOW TBG PRESS 0 | CASING PRESSURE 310 lb | CALCULATED 24-HOUR RATE | | OIL - BBL | GAS - MCF 1002 mcf/d <input checked="" type="checkbox"/> | WATER - BBL | OIL GRAVITY-API (CORR) | | |

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring TEST WITNESSED BY Buddy Banks

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 Drig COM DATE 10-30-09

NMCCD 16



| 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 |
| | | | | | | LEWIS | 3673' | 3482' |
| | | | | | | CLIFFHOUSE | 5576' | 5384' |
| | | | | | | POINT LOOKOUT | 5820' | 5628' |
| | | | | | | MANCOS | 6296' | 6104' |
| | | | | | | GRANEROS | 7926' | 7734' |
| | | | | | | DAKOTA | 8053' | 7861' |

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| 1a. TYPE OF WELL: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER | | | | | | 7. UNIT AGREEMENT NAME Rosa Unit | |
| b. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> OTHER | | | | | | 8 FARM OR LEASE NAME, WELL NO. Rosa Unit COM #169D | |
| 2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY | | | | | | 9 API WELL NO. 30-039-30755-0002 | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 640, Aztec, NM 87410 (505) 634-4208 | | | | | | 10. FIELD AND POOL, OR WILDCAT Basin Mancos | |
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| | | | | 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6355' GR | | 13 STATE New Mexico | |
| 20 TOTAL DEPTH, MD & TVD 8258' MD / 8066' TVD | | 21 PLUG, BACK T D, MD & TVD 8250' MD / 8058' TVD | | 22 IF MULTICOMP, HOW MANY 3* | | 23 INTERVALS DRILLED BY | |
| 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN MANCOS 7020'-7598' MD Commingled with MV & DK per AZT-3264 | | | | | | 25 WAS DIRECTIONAL SURVEY MADE YES | |
| 26 TYPE ELECTRIC AND OTHER LOGS RUN Pulsed Neutron Decay Log 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 | |
| 10-3/4", J-55 | | 40 5# | | 322' | | 14-3/4" | |
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| 4-1/2", N-80 | | 11.6# | | 8257' | | 6-3/4" | |
| | | | | | | | |
| 29 LINER RECORD | | | | | | | |
| SIZE | | TOP (MD) | | BOTTOM (MD) | | SACKS CEMENT* | |
| | | | | | | | |
| 30 TUBING RECORD | | | | | | | |
| SIZE | | DEPTH SET (MD) | | PACKER SET (MD) | | | |
| 2 3/5", 4.7#, J-55 & N-80EUE 8rd | | 8044' | | none | | | |
| 31 PERFORATION RECORD (Interval, size, and number) | | | | | | | |
| Upper MC: Total of 87, 0 34" holes ✓ | | | | 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | | | |
| Lower MC: Total of 93, 0.34" holes ✓ | | | | DEPTH INTERVAL (MD) | | | |
| | | | | AMOUNT AND KIND OF MATERIAL USED | | | |
| | | | | 7020'-7250' | | | |
| | | | | Faced with 5000# 100 mesh BASF followed with 103,200# 40/70 mesh BASF | | | |
| | | | | 7316'-7598' | | | |
| | | | | Faced with 5000# 100 mesh BASF followed with 101,900# 40/70 mesh BASF | | | |
| 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 | |
| 10-26-09 | | 2 hr | | 3/4" | | | |
| FLOW TBG PRESS | | CASING PRESSURE | | CALCULATED 24-HOUR RATE | | OIL - BBL | |
| 0 | | 310 lb | | | | GAS - MCF | |
| | | | | | | 1545 mcf/d ✓ | |
| | | | | | | WATER - BBL | |
| | | | | | | OIL GRAVITY-API (CORR) | |
| 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring | | | | | | | |
| 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

Carrey Higgins

NMCCD

DATE 10-30-09

ACCEPTED FOR RECORD

NOV 04 2009

FARMINGTON FIELD OFFICE
BY T. Salinas

| 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 |
| | | | | | | LEWIS | 3673' | 3482' |
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