

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
reverse side)

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

5. LEASE DESIGNATION AND
LEASE NO. SF-078767

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | |
|---|--|---|--|---|--|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ | | | | 6. IF INDIAN, ALLOTTEE OR | |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ | | | | 7. UNIT AGREEMENT NAME ROSA UNIT (00017033) | |
| 2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY | | | | 8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #72 | |
| 3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 37-4 TULSA, OK 74101 (918) 588-4592 | | | | 9. API WELL NO. 30-039-25509 | |
| 0. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) 2315' FSL & 620' FEL At Surface At top production interval reported below At total depth | | | | 10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE 72319 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE/4 SE/4 SEC. 06, T31N R5W | |
| 15. DATE SPUDDED 05/16/95 | | 16. DATE T.D. REACHED 05/22/95 | | 12. COUNTY OR PARISH RIO ARriba | |
| 17. DATE COMPLETED (READY TO PRODUCE) 07/06/95 | | 18. ELEVATIONS (DK, RKB, RT, GR, ETC.) * 6335' GR | | 13. STATE NEW MEXICO | |
| 19. ELEVATION CASINGHEAD 6335' | | 20. TOTAL DEPTH, MD & TVD 6020' | | 21. PLUG, BACK T.D., MD & TVD 5997' | |
| 22. IF MULTICOMP., HOW MANY | | 23. INTERVALS DRILLED BY | | 24. ROTARY TOOLS X CABLE TOOLS | |
| 25. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * BLANCO MESAVERDE 5251' TO 5943' | | | | 26. WAS DIRECTIONAL SURVEY MADE YES | |
| 27. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE: GR/CCL/CBL OPEN HOLE: IND/GR/CDL/CNL/TEMP | | | | 28. 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 |
|----------------------|-----------------|----------------|-----------|---------------------------------|-------------|---------|---------------|
| 9-5/8" K-55 | 36# | 280' | 12-1/4" | 150 SX | 177 cu.ft. | SURFACE | |
| 7" K-55 | 20# | 3630' | 8-3/4" | 635 SX | 1115 cu.ft. | SURFACE | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------------|----------|-------------|---------------------|-------------|--------------|----------------|-----------------|
| 4-1/2" K-55 | 3507' | 6020' | 240 SX (415 cu.ft.) | | 2-3/8", 4.7# | 5864' | |

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

1ST STAGE

5605', 12', 15', 18', 21', 24', 27', 30', 33', 36', 39', 42', 45', 64', 70', 76', 82', 85', 88', 91', 94', 97',
5721', 24', 28', 30', 40', 48', 53', 68', 75', 89', 5809', 37', 41', 66', 83', 89', 95', 5925', 39', 43'.
TOTAL OF 42 HOLES

2ND STAGE

5251', 95', 5332', 53', 97', 5440', 42', 44', 46', 68', 70', 72', 74', 76', 83', 85', 87', 5508', 10', 21', 23',
25', 51', 53', 55', 57', 59', 73'. TOTAL OF 28 HOLES

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

| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
|---------------------|-------|----------------------------------|---------------------------|
| 5605' | 5943' | 121,000# 20/40 SAND | 2,807 BBLs OF SLICK WATER |
| 5251' | 5573' | 87,000# 20/40 SAND | 2,003 BBLs OF SLICK WATER |

33. PRODUCTION

| DATE OF FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING | | | | WELL STATUS (PRODUCING OR SHUT IN) SHUT IN | |
|------------------------------|--------------------------|---|--------------------------------|-----------------|-------------------|---|-----------------------------|
| DATE OF TEST 7/14/95 | HOURS TESTED 3 HR. IP | CHOKE SIZE 3/4" | PROD'N FOR TEST PERIOD----- | OIL - BBL. 0 | GAS - MCF 486 | WATER - BBL. 0 | GAS-OIL RATIO N/A |
| FLOW TUBING PRESS 294# | CASING PRESSURE 698# | CALCULATED 24-HOUR RATE----- IP FLOWING PRESSURES | | OIL - BBL. 0 | GAS - MCF 3887 | WATER - BBL. N/A | OIL GRAVITY- API (CORR.) |

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

TO BE SOLD

TEST WITNESSED BY
CHUK CHARLEY

35. LIST OF ATTACHMENTS: LOGS, SUMMARY OF POROUS ZONES, DEVIATION REPORT & WELLBORE DIAGRAM.

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

SIGNED SUSAN GRIGUHN

TITLE CLERK

DATE July 19, 1995

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

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation.

ACCEPTED FOR RECORD

JUL 26 1995

FARMINGTON DISTRICT OFFICE

| 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 | NAME | MEASURED DEPTH | TRUE VERTICAL DEPTH |
| <u>NACIMIENTO</u> | <u>SURFACE</u> | | | | | | |
| QJO ALAMO | 2417' | 2632' | | | | | |
| KIRTLAND | 2532' | 2972' | | | | | |
| FRUITLAND | 2972' | 3136' | | | | | |
| PICTURED CLIFFS | 3136' | 3468' | | | | | |
| LEWIS | 3468' | 5328' | | | | | |
| CLIFF HOUSE | 5328' | 5432' | | | | | |
| MENEFEE | 5432' | 5608' | | | | | |
| POINT LOOKOUT | 5608' | 5953' | | | | | |
| MANCOS | 5953' | N/A | | | | | |
| TD | 6020' | | | | | | |

RECEIVED
OCT 11 1980

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OCT 11 1980

WELLBORE DIAGRAM ROSA UNIT #72 MV

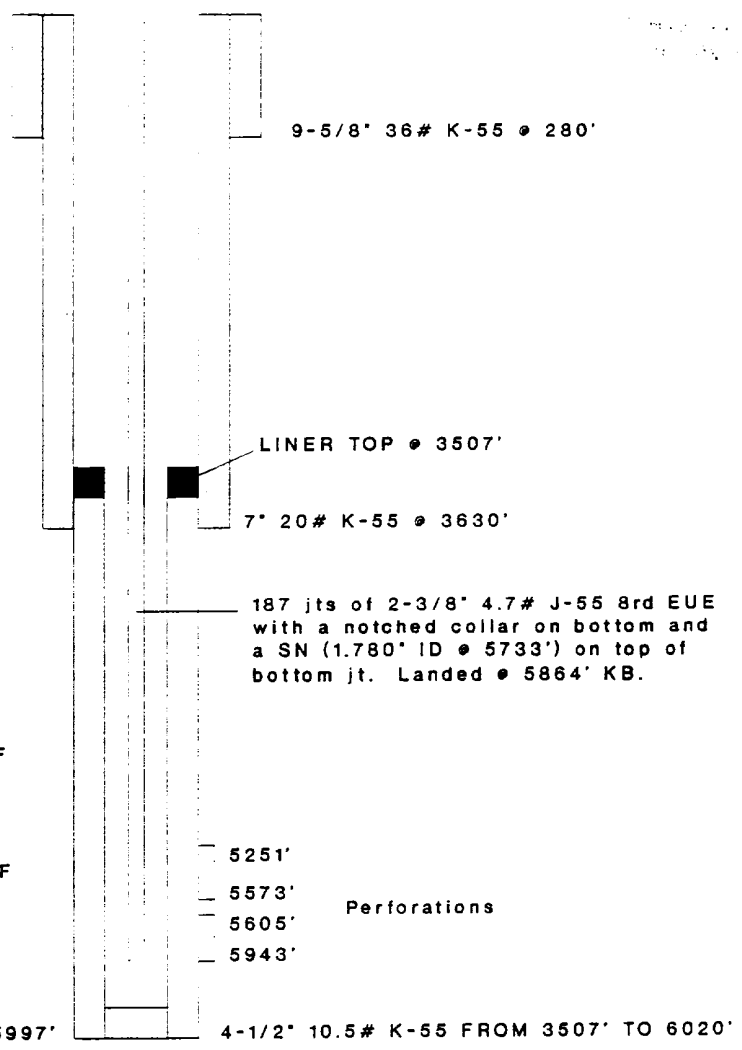
LOCATION: 2015³FSL, 620'FEL
NE/4 SE/4 SEC. 06, T31N, R5W
RIO ARRIBA, Co., NM
ELEVATION: 6335' GR
KB: 12'

TOPS:
NACIMIENTO N/A
OJO ALAMO 2417'
KIRTLAND 2532'
FRUITLAND 2972'
PICTURED CLIFFS 3136'
LEWIS 3468'
CLIFF HOUSE 5328'
MENELEE 5432'
POINT LOOKOUT 5608'
MANCOS 5953'

STIMULATION

MENELEE/CLIFF HOUSE
5251' - 5573'
87,000# OF 20/40 IN 2003 BBLS OF
SLICK WATER

POINT LOOKOUT
5605' - 5943'
121,000# OF 20/40 IN 2607 BBLS OF
SLICK WATER



| HOLE SIZE | CASING | CEMENT | VOLUME | TOP OF CMT |
|-----------|--------------|--------|-------------|------------|
| 12-1/4" | 9-5/8" 36# | 150 SX | 177 CU.FT. | SURFACE |
| 8-3/4" | 7" 20# | 635 SX | 1115 CU.FT. | SURFACE |
| 6-1/4" | 4-1/2" 10.5# | 240 SX | 415 CU.FT. | LINER TOP |

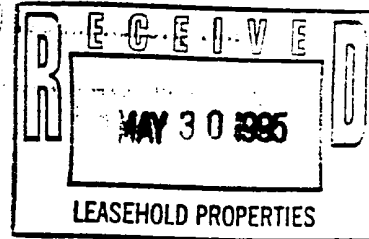
FOUR CORNERS DRILLING CO.

P. O. BOX 1067
5651 U.S. HWY. 64
FARMINGTON, NEW MEXICO 87499

TELEPHONE: (505) 326-3371
FAX: (505) 326-3370

May 24, 1995

Williams Production
Mark McAllister
295 Chipeta Way
Salt Lake, UT 84108



**RE: Deviation report on the Rosa Unit 72,
Section 6, Township 31N, Range 5 W
Rio Arriba County, New Mexico**

Gentlemen:

Below is the deviation report for your Rosa Unit 72 Well.

| | |
|-------|--------|
| 126' | 1/4° |
| 256' | 3/4° |
| 535' | 3/4° |
| 1046' | 1° |
| 1578' | 1° |
| 1894' | 3/4° |
| 2393' | 1° |
| 2891' | 3/4° |
| 3407' | 1° |
| 3604' | 3/4° |
| 3916' | 1/2° |
| 4248' | 2° |
| 4508' | 2° |
| 5041' | 2° |
| 5472' | 1 3/4° |
| 5984' | 1 3/4° |

Sincerely,

FOUR CORNERS DRILLING COMPANY

Gary Miller
Drilling Superintendent

GM/tdd


May 24 1995
Rosa Unit 72
PAGE 2

RECEIVED
MAY 24 1995
COUNTY OF SAN JUAN

Acknowledgement

State of New Mexico)
) s.s.
County of San Juan)

The foregoing instrument was acknowledged before me this 24th day of May, 1995, by Gary Miller.



Notary Public

My Commission Expires : 8-27-98
(seal)



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

Waltfile
mbl

April 4, 1995

Northwest Pipeline Corporation
c/o Walsh Engineering & Production Corp.
7415 East Main
Farmington, New Mexico 87402

Attention: Paul C. Thompson, P.E.

Administrative Order NSL-3511(NSP)

Dear Mr. Thompson:

Reference is made to your application dated March 24, 1995 on behalf of the operator, Northwest Pipeline Corporation, for an unorthodox gas well location in the Blanco-Mesaverde Pool for the proposed Rosa Unit Well No. 72. Said well to be drilled 2315 feet from the South line and 620 feet from the East line (Unit I) of Section 6, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.

All of said irregular Section 6 being a non-standard 264.56-acre gas spacing and proration unit for said pool is to be dedicated to said well.

By the authority granted me under the provisions of Rules 2(a)4 and 2(c) of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Blanco-Mesaverde Pool", as promulgated by Division Order No. R-8170, as amended, the above-described unorthodox gas well location and non-standard gas spacing and proration unit are hereby approved.

Sincerely,

A handwritten signature in dark ink, appearing to read "William J. LeMay".

William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management