

Jacquez, Dorothy

From: Ross, Tracy [Tracy.Ross@Williams.com]
Sent: Wednesday, March 06, 2002 8:50 AM
To: Jacquez, Dorothy
Subject: RE: Rosa Ut #22

Q- 18-31N-5W

I think this should be the #22A well. I am faxing you the plat & the order for this well.
Thanks....

-----Original Message-----

From: Jacquez, Dorothy [mailto:DJACQUEZ@state.nm.us]
Sent: Tuesday, March 05, 2002 11:30 AM
To: Ross, Tracy
Subject: Rosa Ut #22

We received a letter 3-8-00 from M. Hansen, written to Mike Stogner in S/F, on this well, that the #22 should be changed to the N/2, 18-31N-5W. We can not change acreage till we get a plat for the N/2 and a NSL order.

Thanks,

Dorothy

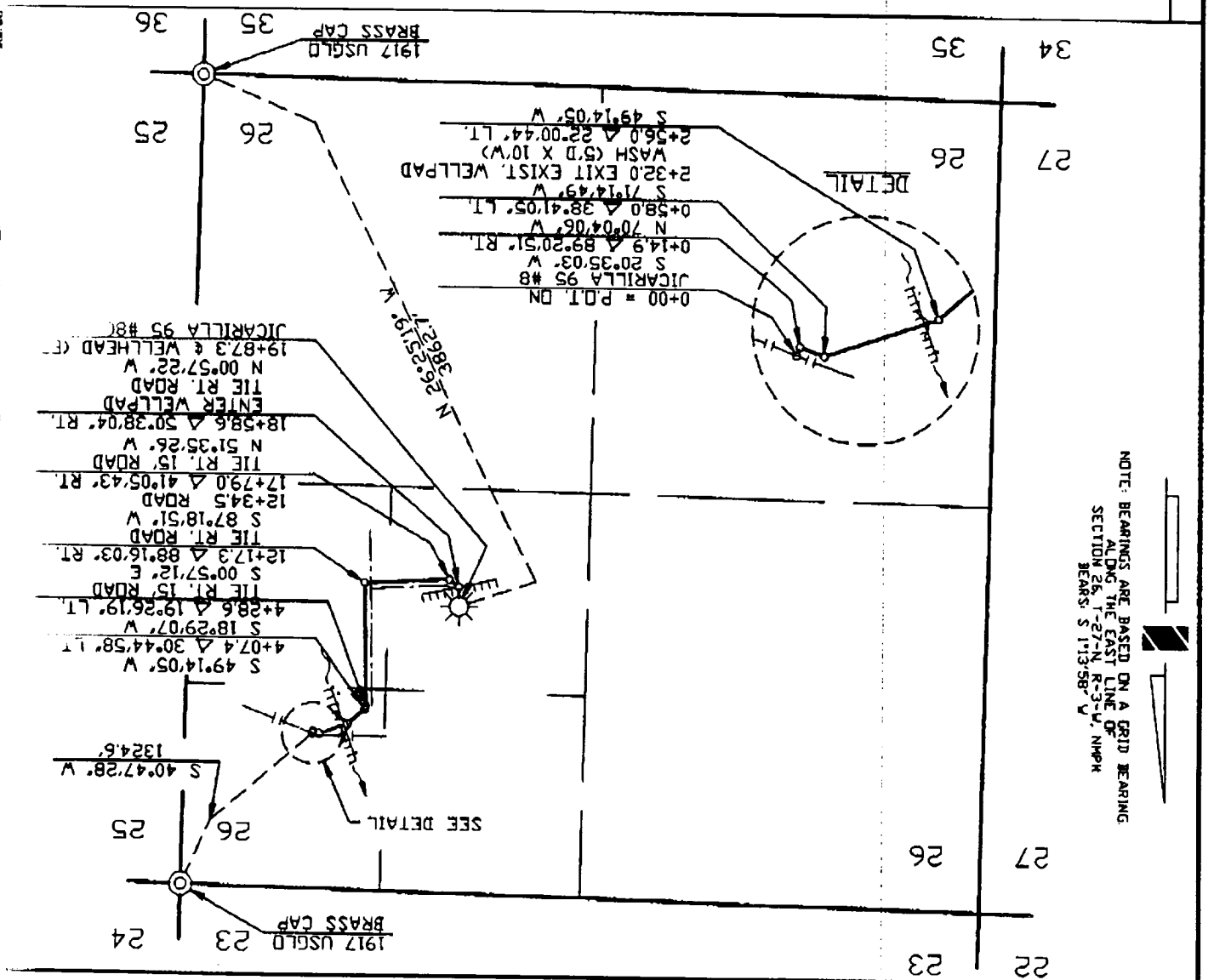
EMNRD

Oil Conservation Div

(505)334-6178 Ext #22

SCALE: 1" = 1000'

| | | | | | | | | |
|-----------------------------------|-----------------|-------------------|------------------|-------------------|--------|---------|------------|-------------|
| SUBMISSION | 0+00 TO 19+87.3 | | JICARILLA APACHE | | 1987.3 | 0.376 | 2.053 | 120.442 |
| | FEET | MILES | ACRES | RODS | | | | |
| DATE: 1984-04-01 | | | | | | | | |
| REVISION | 1 | 9/24/01 | SRB | ISSUED FOR REVIEW | | | | |
| NO. DATE | BY | DESCRIPTION | | | | | | |
| NO. DATE | BY | VDND | CHK | APP. | MD | DATE | BY | DESCRIPTION |
| | | | PB | | | | | |
| STATE: NEW MEXICO | | | | | | | | |
| COUNTY: RIO ARriba | | | | | | | | |
| WILLIAMS GAS PROCESSING | | | | | | | | |
| ONE OF THE WILLIAMS COMPANIES AND | | | | | | | | |
| SAN JUAN GATHERING SYSTEM | | | | | | | | |
| ENERGEN - JICARILLA 95 #8C | | | | | | | | |
| 0+00 = P.O.T. ON JICARILLA 95 #8C | | | | | | | | |
| (REF DWG. 3E765.0-1) | | | | | | | | |
| SEC. 26, T-27-N, R-3-W, NMPM | | | | | | | | |
| INFO | | R/V # | 05036 | DRAWN BY | SRB | 9/24/01 | CHECKED BY | PB |
| | | METER # | | | | | | |
| | | SURVEYED | 9/14/01 | APPROVED BY | | | | |
| | | ENGINEER | BY | DATE | | | | |
| | | DESIGNED BY | | | | | | |
| | | SCALE: 1" = 1000' | | | | | | |
| | | W.D. NO. | | | | | | |
| | | DWG NO. | 3E765.0-48-1 | | | | | |





Williams Production Company
One Williams Center
P.O. Box 3102
Tulsa, OK 74101

Via Federal Express

March 28, 2000

New Mexico Oil Conservation Division
Attention: Mr. Mike Stogner
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Administrative application dated March 8, 1000 to establish two non-standard lay-down gas spacing and proration units within the Blanco-Mesaverde Pool to comprise: (i) Lots 1 and 2 and the NE/4 (N/2 equivalent) of Irregular Section 18, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico; and (ii) Lots 3 and 4 and the SE/4 (S/2 equivalent) of Irregular Section 18.

Dear Mr. Stogner:

Pursuant to your letter dated March 22, 2000 in support of the referenced Application, enclosed is the following information:

1. Copies of APDs for the Rosa Unit #22A, #182 and #182A.
2. Plat showing the boundaries of the Rosa Unit and the Rosa Unit Mesaverde Participating Area.
3. Copy of the Rosa Unit 2000 Plan of Development approved by Roy Johnson of the State of New Mexico Oil Conservation Commission.

I appreciate your cooperation in this matter. If you need anything further please contact me at (918) 573-6169. Any information we have which may further this application will be promptly provided.

Sincerely,

A handwritten signature in cursive script that reads "M. Vern Hansen".

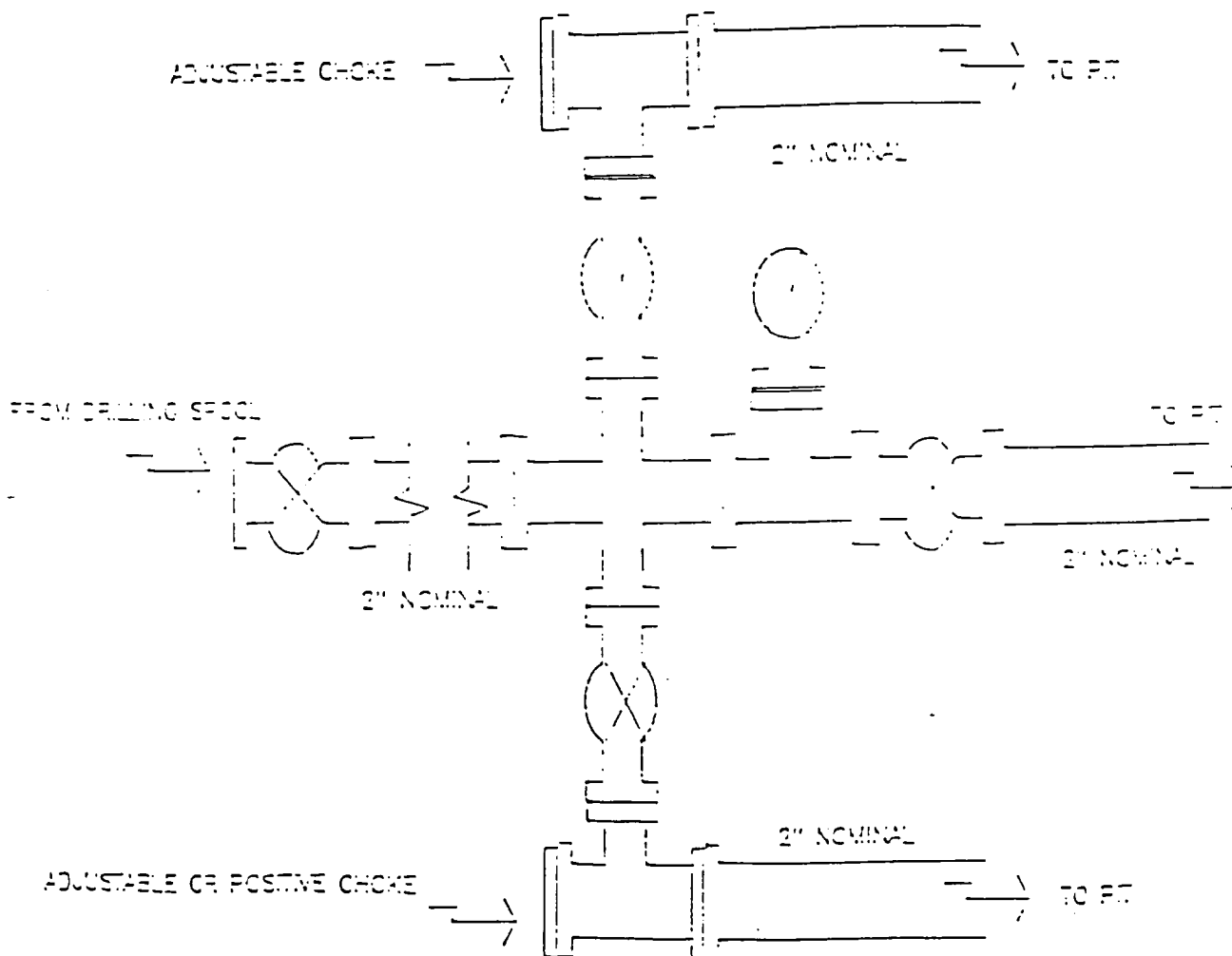
M. Vern Hansen
Senior Landman

cc: Mr. Frank Chavez
NMOCD - Aztec
bcc: Tracy Ross
Mike Turnbaugh
David Spitz

ENERGEN RESOURCES CORPORATION

Choke Manifold Configuration

2M psi SYSTEM



Minimum choke manifold installation from surface to Total Depth.
2" minimum, 2000psi working pressure equipment with two chokes.

Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ROW/APD

FORM APPROVED
Budget Bureau No. 1004-0116
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work

DRILL ☒DEEPEN ☐

b. Type of Well

Oil Well ☐Gas Well ☒Other ☐Single Well ☒Multiple Wells ☐

2. Name of Operator

Williams Production Company

3. Address and Telephone No.

P.O. Box 3102, MS 37-2, Tulsa, OK. 74101

4. Location of Well (Footage)
At Surface

880' FNL 260' FWL, NWNW

proposed prod. zone

5. Lease Designation and Serial No.
SF-078764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rosa Unit

8. Well Name and No.

RU-# 22A

9. API Well No.

10. Field and Pool, or Exploratory Area

Blanco - MV

11. Sec., T., R., M., or B.L.K.
and Survey or Area

Section 18, T31N, R5W

14. Distance in Miles and Direction from Nearest Town or Post Office

Approximately 20.3 miles northeast of Navajo Dam Post Office (straight line)

12. County or Parish

Rio Arriba

13. State

NM

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 260'

16. No. of Acres in Lease

2507.3 acres

17. No. of Acres Assigned to This Well

231.89 acres N/2

18. Distance from Proposed Location
to Nearest Well Drilling, Completed,
or Applied for, on this Lease, FT

516'

19. Proposed Depth

6287' KB

20. Rotary or Cable Tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc)

6515' GR

22. Approximate Date Work will Start

April 1, 2000

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE & GRADE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|------------------------|-----------------|---------------|---|
| 12-1/4" | 9-5/8" | 36# | 250' | 130 sx-176 cu ft Type III |
| 8-3/4" | 7" | 20# | 3852' | 440 sx-916 cu ft Lite 175 sx-242 Cu ft-Type III |
| 6-1/4" | 4-1/2" | 10.5# | 3752' - 6287' | 80 sx-116-cuft 190 sx-276cuft Poz/Class H 50/50 |

Williams Exploration & Production proposes to drill a vertical well to develop the Mesa Verde Formation at the above described location, in accordance with the attached Operation and Surface Use plans. The surface is under the jurisdiction of the Bureau of Land Management. Moore Anthropological Research of Aztec, NM, has surveyed the proposed location for Cultural Resources. The report has been submitted to your office for review.

This APD also is serving as an application to obtain BLM road and pipeline on lease rights-of-way. This well will require the construction of a new 800-foot access road (see Pipeline & Well Plats #3 and #4). The proposed 516-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit Well #227 (see the attached Pipeline Plat Map # 4).

I hereby certify that I am a duly authorized representative of the applicant to propose to deepen, give present productive zone and proposed new productive zone.
Signed Steve Nelson Title AgentCOPIES: BLM+4, WELL FILE+1
Date February 24, 2000

(This space for Federal or State Office use)

Permit No. _____

Application approval does not warrant or certify that applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any: _____

Approval Date _____

APPROVED BY: _____

TITLE _____

DATE _____

ENERGEN RESOURCES CORPORATION

Jicarilla 94 #2B

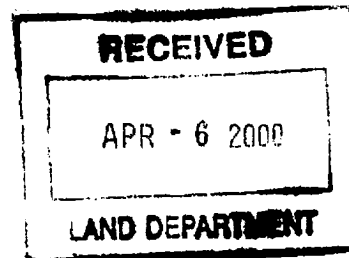
MULTI-POINT SURFACE USE PLAN

1. Existing Road
Please refer to map No.1 which show the existing roads. New roads, which will be required, have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
2. Planned Access Road - Refer to Map No. 1.
The required new access road is shown on Map No. 1. The gradient, shoulder, crowning and other design elements will meet or exceed those specified by the responsible government agency. The new access road surface will not exceed twenty feet (20') in width. No additional turnarounds or turnouts will be required. Upon completion of the project, the access road will be adequately drained to control soil erosion. Approximately 500' of access road will be constructed. Pipelines are indicated on Map No. 1A.
3. Location of Existing Wells - Refer to Map 1A
4. Location of Existing and/or Proposed Facilities if Well is Productive
 - a. On the Well Pad - Refer to Plat No. 1, anticipated production facilities plat.
 - b. Off the Well Pad - Anticipated facilities off the well pad will be applied for as required.
 - c. Williams Field Service ROW Pipeline Plat is attached.
5. Location and Type of Water Supply
Water for the proposed project will be trucked and obtained from Schmitz Ranch Water Hole.
6. Source of Construction Materials
No additional materials will be required to build either the access road or the proposed location.
7. Methods of Handling Waste Materials
All garbage and trash materials will be stored in a trash basket and removed from the site for proper disposal. A portable toilet will be provided for human waste and serviced in a proper manner. If liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying waste materials into the watershed. No earthen pits will be located on natural drainage. Generation of hazardous waste is not anticipated. Federal regulations will be adhered to regarding handling and disposal of such waste if so generated.

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 30, 2000



Williams Production Company
P. O. Box 3102
Tulsa, Oklahoma 74101
Attention: M. Vern Hansen

Administrative Order NSP-1816

Dear Mr. Hansen:

Reference is made to the following: (i) your initial one page application dated March 8, 2000 that was subsequently deemed incomplete; (ii) the New Mexico Oil Conservation Division's ("Division") initial response from Mr. Michael E. Stogner, Chief Hearing Officer/Engineer in Santa Fe, by letter dated March 22, 2000; (iii) your letter dated March 28, 2000 with the required information attached necessary to complete your request; and (iv) the Division's records in Santa Fe: all concerning Williams Production Company's ("Williams") request to form two lay-down non-standard gas spacing and proration units in the Blanco-Mesaverde Pool within Irregular Section 18, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, as described below:

- (1) Lots 1 and 2 and the NE/4 of Irregular Section 18 comprising 231.89 acres (being 72.46% the size of a regular 320-acre unit for this pool) is to be dedicated to Williams': (i) existing Rosa Unit Well No. 22 (API No. 30-039-07971), located at a standard gas well location 890 feet from the North line and 800 feet from the East line (Unit A) of Section 18; and (ii) proposed Rosa Unit Well No. 22-A to be drilled at a standard gas well location 880 feet from the North line and 260 feet from the West line (Lot 1/Unit D) of Section 18.
- (2) Lots 3 and 4 and the SE/4 of Irregular Section 18 comprising 231.83 acres (being 72.45% the size of a regular 320-acre unit for this pool) is to be dedicated to Williams': (i) proposed Rosa Unit Well No. 182 to be drilled at a standard gas well location 1085 feet from the South line and 790 feet from the West line (Lot 4/Unit N) of Section 18; and (ii) proposed Rosa Unit Well No. 182-A to be drilled at a standard gas well location 1070 feet from the South and East lines (Unit P) of Section 18.

This request has been duly filed under the provisions of Division Rules 605.B and 104.D (2) and the applicable provisions of the "Special Rules for the Blanco-Mesaverde Pool," as promulgated by Division Order No. R-10987-A.

By the authority granted me under the provisions of Division Rule 104.D (2) (b), the two

9. Wellsite Layout

Refer to the location diagram and to the wellsite cut and fill diagram (Figure No. 4). The blow pit will be constructed with a 2'/160' grade to allow positive drainage to the reserve pit and prevent liquids in the blow pit.

10. Plans for Restoration of the Surface

After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operations will be performed during the time period set forth by the responsible governmental agency. The permanent location, facilities will be painted as designated by the responsible governmental agency.

11. Surface Ownership

Jicarilla Apache

12. Other Information

Environmental stipulations as outlined by the responsible government agency will be adhered to. Refer to the archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.

13. Operator=s Representative and Certification

Joe D. Niederhofer, General Manager - San Juan, 2198 Bloomfield Highway, Farmington, New Mexico 87401, telephone (505)325-6800. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Energen Resources Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



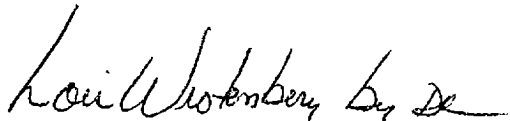
Don Graham
Production Superintendent

Administrative Order NSP-1816
Williams Production Company
March 30, 2000
Page 2

above-described non-standard gas spacing and proration units in the Blanco-Mesaverde Pool are hereby approved.

Further, both units will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

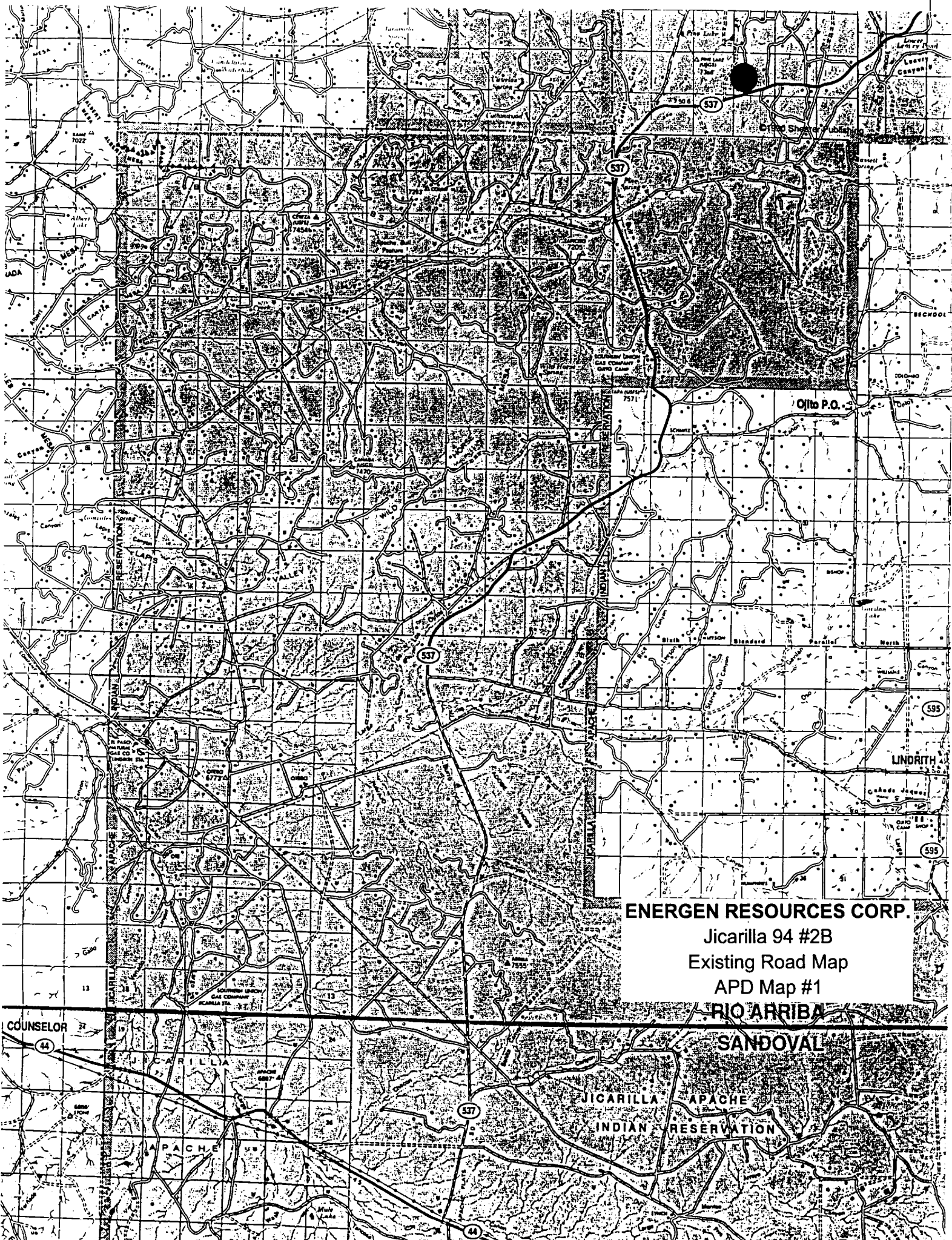
Sincerely,



Lori Wrotenbery
Director

LW/MES/kv

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



03/06/02 11:06 FAX
MAR-28-2000 09:43

NELSON CONSULTING

01/27/2000 15:39 50532 38

NCE SURVEYS

585 327 6332 0002 P.03

PAGE 02

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

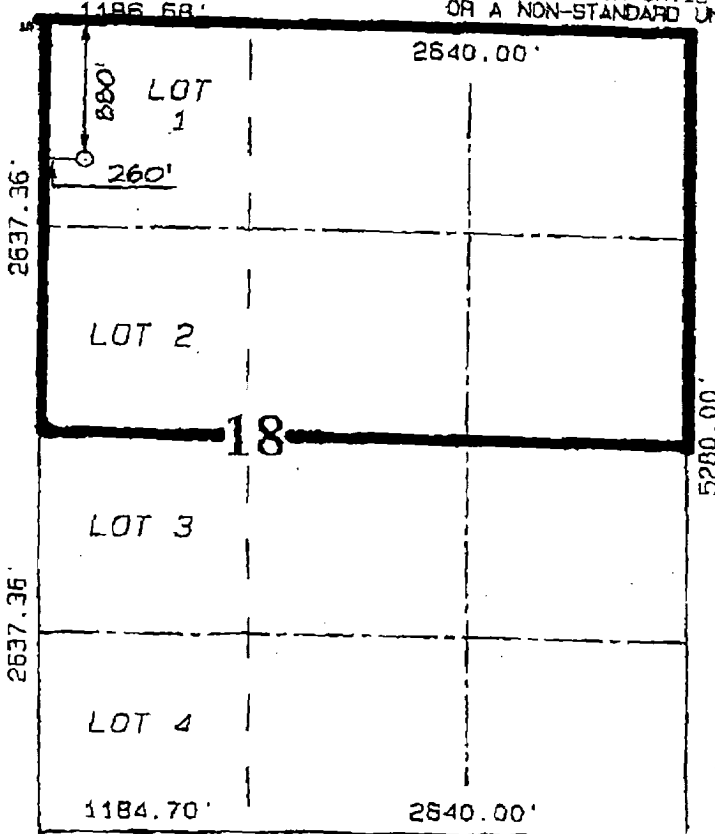
Form C-1
Revised February 21, 1991
Instructions on De
Submit to Appropriate District Off:
State Lease - 4 Cops
Fee Lease - 3 Cops

☐ AMENDED REPOS

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|---|---------------|---|-------------|----------------------------|---|
| *API Number | | *Pool Code 72319 | | *Pool Name Blanco - MV | |
| *Property Code 17033 | | *Property Name ROSA UNIT | | | *Well Number 22A |
| *OGAPD No. 120782 | | *Operator Name WILLIAMS PRODUCTION COMPANY | | | *Elevation 6515' |
| 10 Surface Location | | | | | |
| UL or Lot No. C | Section 18 | Township 31N | Range 5W | Lot 101 880 | North/South Line NORTH Feet from the 260 East/West Line WEST County RIO ARriba |
| 11 Bottom Hole Location If Different From Surface | | | | | |
| UL or Lot No. | Section | Township | Range | Lot 101 | North/South Line Feet from the East/West Line County |
| 12 Dedicated Acre 231.89 N/2 | | 13 Joint or Infill I | | 14 Consolidation Code U | |
| 15 Order No. | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



| | |
|--|--|
| OPERATOR CERTIFICATION | |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| Signature <i>Steve Nelson</i> | |
| Printed Name Steve Nelson | |
| Agent, Nelson Consulting | |
| Title | |
| February 24, 2000 | |
| Date | |
| 16 SURVEYOR CERTIFICATION | |
| I hereby certify that the well location shown on this plat is correct and that the information contained herein is true and complete to the best of my knowledge and belief. | |
| JANUARY 21, 2000 | |
| Date of Survey | |
| Signature and Seal of Surveyor | |
| | |
| Certificate Number 6857 | |

This letter only serves as notification that National Historic Preservation Act Section 106 compliance has been completed for the subject projects. It does not constitute approval of right-of-way or concurrence in the proposed activities by the Bureau of Indian Affairs (BIA). This compliance is one of several legal requirements that must be accomplished before BIA approval of rights-of-way, easements, or other land use contracts for land modifying projects.

If you have any questions, please contact Dr. Bruce G. Harrill, Regional Archeologist, Branch of Natural Resources Services, at (505) 346-7111.

Sincerely,

signed Arch H. Wells

Acting Deputy Regional Director

cc: Superintendent, Jicarilla Agency, Attn: Realty ✓
Mr. Phil Young, NMHPD
Mr. Gifford Velarde, VES

30-039-07971

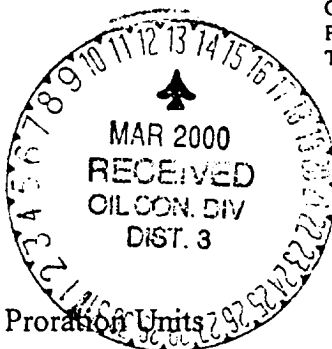
March 8, 2000



Williams Production Company
One Williams Center
P.O. Box 3102
Tulsa, Oklahoma 74101

Via Federal Express

New Mexico Oil Conservation Division
Attention: Mr. Mike Stogner
2040 South Pacheco
Santa Fe, New Mexico 87505



*Need
Plat &
DSL*

Re: Application for Non-Standard Gas Proration Units
Blanco Mesaverde
Rosa Unit #22 and #22A Mesaverde Formation
N/2 Section 18, T31N, R5W; 231.89 Acres
Rosa Unit #182 and #182A Mesaverde Formation
S/2 Section 18, T31N, R5W; 231.83 Acres
Rio Arriba County, New Mexico

Gentlemen:

Williams Production Company, as Rosa Unit Operator, respectfully requests permission to produce the above captioned wells as Non-Standard Proration Gas Units. The unorthodox size of these units is necessitated by a variation in the legal subdivision of the U.S. Public Land Survey. Williams Production Company is the offset Operator.

The proration unit for the Rosa Unit #22 Mesaverde formation well was originally submitted as the E/2 of Section 18 when it was drilled in 1957. Williams Production Company believes that in order to fully develop Section 18 the appropriate proration unit for the Rosa Unit #22 should be changed to the N/2 of Section 18, T31N, R5W, and by this application requests approval of this change.

Sincerely,

A handwritten signature in cursive script that reads "M. Vern Hansen".

M. Vern Hansen
Senior Landman

cc: Bureau of Land Management, Farmington
New Mexico Oil Conservation Division, Aztec

CMD : ONGARD 02/21/02 14:43:11
 OG6ACRE C102-DEDICATE ACREAGE OGOMPK -TP80
 Page No : 1

API Well No : 30 39 7971 Eff Date : 09-01-1996
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 17033 ROSA UNIT Well No : 022
 Spacing Unit : OCD Order : Simultaneous Dedication: N
 Sect/Twp/Rng : 18 31N 05W Acreage : 320.00 Revised C102? (Y/N) : N
 Dedicated Land:

| S | Base | U/L | Sec | Twp | Rng | Acreage | L/W | Ownership | Lot | Idn |
|---|------|-----|-----|-----|-------|---------|-----|-----------|-----|-----|
| S | A | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | B | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | G | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | H | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | I | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | J | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | O | 18 | 31N | 05W | 40.00 | N | FD | | | |
| S | P | 18 | 31N | 05W | 40.00 | N | FD | | | |
| | C | 1 | 31N | 05W | 35.95 | N | | | | |

ACREAGE OVERLAPS WITH WC 30 039 26390 72319

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF