



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

August 21, 1997

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87504

RECEIVED  
AUG 25 1997  
BUREAU OF LAND MANAGEMENT

Re: Application for Unorthodox Location for  
the Proposed Jicarilla A Well No. 9M for  
Topographical and Archaeological Reasons

Dear Mr. Stogner:

This proposed Mesaverde/Dakota well has been staked at an unorthodox location of 2070' FSL & 2055' FWL, Sec. 14, T-26N, R-4W, Rio Arriba County as shown by the attached C-102 (EXHIBIT 1). The Blanco Mesaverde and Basin Dakota pool rules require an orthodox location to be located no closer than 790' to the interior quarter-section lines which causes this location to be unorthodox.

EXHIBIT 2 is a topo map showing Section 14 and the proposed location for Jicarilla A Well No. 9M. The extremely close contouring in the Southwest quarter of Section 14 is indicative of the very rough terrain present there. EXHIBIT 3 is a copy of the surveyors report of the area explaining why it was impossible to stake a location within the orthodox drilling window for the Southwest quarter of this section. His reasons included rough and inaccessible terrain, existing wells and equipment, drainage concerns, and archaeological sites.

Actually an initial attempt was made to stake a standard location, but it was rejected by the Tribal Representatives during the on-site inspection due to archaeology and the rough lengthy access. EXHIBIT 4 is a copy of the letter from the Bureau of Indian Affairs clearing the new proposed unorthodox location with respect to compliance with the National Historic Preservation Act.

EXHIBIT 5 is a map showing the proposed location, its proration unit, the wells and operators in adjacent spacing units. Since Conoco is the operator of all of Section 14, and encroachment only occurs toward the interior of Section 14, no other operators are affected by this unorthodox location. Therefore, according to Rule 104.F.(3)(a)&(b), no additional notifications are required.

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BUREAU OF LAND MANAGEMENT

An APD has been secured from the BLM and the BIA and this location is scheduled to be spudded by mid-September. If there are any further questions concerning this application please call at (915) 686-6548.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Jerry Hoover", written in black ink.

Jerry W. Hoover  
Sr. Conservation Coordinator

cc: Oil Conservation Division - Aztec

District I  
 PO Box 1908, Hobbs, NM 88241-1908  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Grande 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-102  
 Revised February 21, 1994

Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		71599/72319	Basin Dakota / Blanco Mesaverde
Property Code	Property Name		Well Number
18018	Jicarilla A		9M
OGRID No.	Operator Name		Elevation
05073	CONOCO, INC.		7128'

10 Surface Location

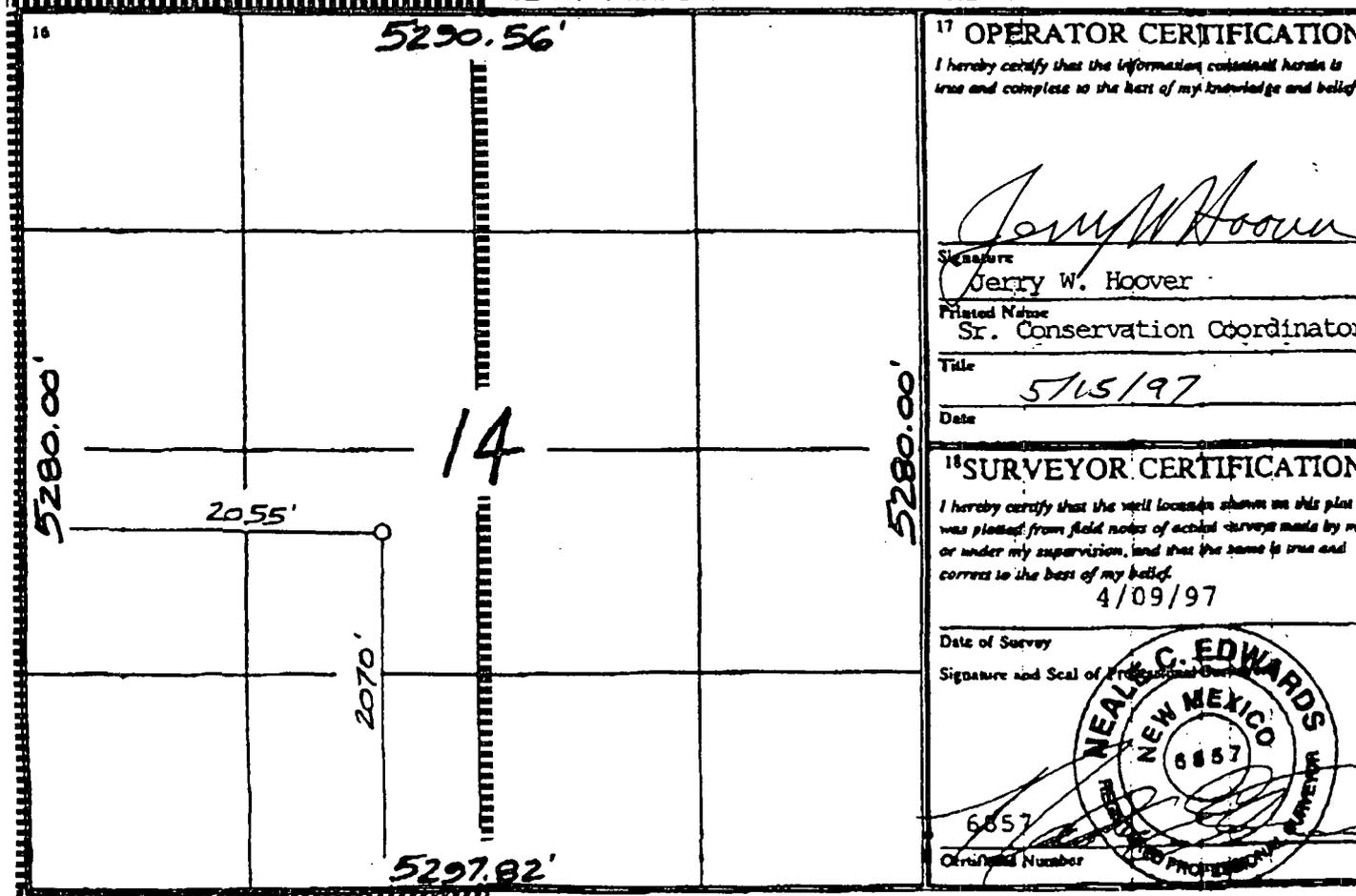
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
K	14	26-N	4-W		2070	South	2055	West	R.A.

11 Bottom Hole Location If Different From Surface

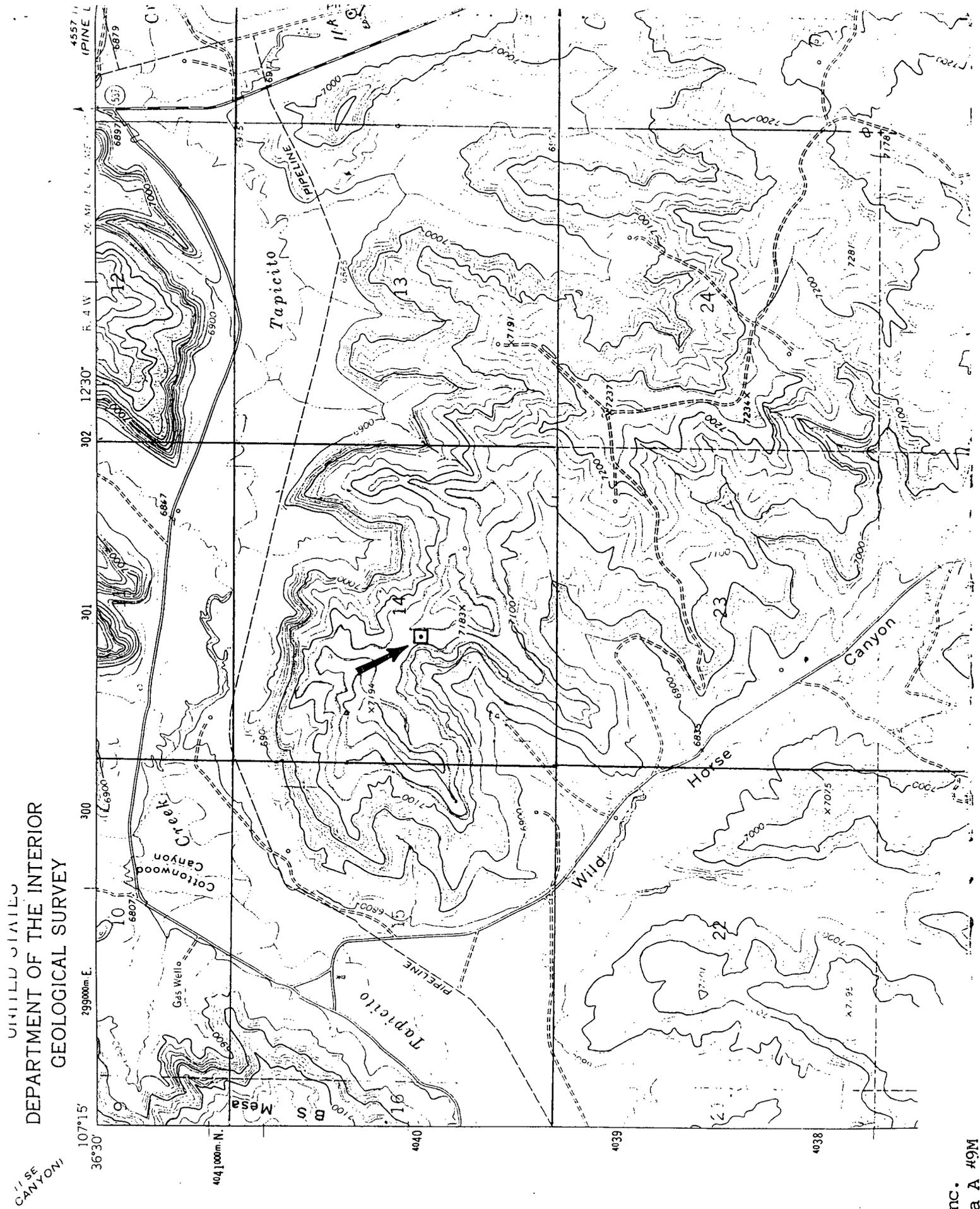
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Jolt or Infill	14 Consolidation Code	15 Order No.
W/320			

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



**EXHIBIT 2**

Conoco Inc.  
Jicarilla A #9M  
Sec. 14, T24N, R6W, Unit 1



**SURVEYS, INC.**

P.O. BOX 6612  
FARMINGTON, NM 87499  
OFFICE: (505)325-2654  
FAX: (505)326-5650

JULY 10, 1997

CONOCO, INC.  
JICARILLA A #9M  
2070' FSL, 2055' FWL  
SEC.14, T26N, R4W, NMPM  
RIO ARRIBA CO., NM

TO WHOM IT MAY CONCERN @ CONOCO, INC.:

**REASONS FOR NON-STANDARD LOCATION:**

THE MAJORITY OF THE TERRAIN WITHIN THE LEGAL REGIONS OF THE SW/4 OF SECTION 14 FALLS ON AN EXTREMELY STEEP SIDE-SLOPE. FURTHERMORE, THE AREA WHICH DOES PROVIDE FOR A BUILDABLE LOCATION IS NOT ONLY ON A VIRTUALLY INACCESSABLE BENCH, BUT IT IS ALSO INFESTED WITH ARCHEOLOGY. MOREOVER, AN EXISTING GAS WELL OCCUPIES AN AREA IN THE SW/4 OF THE SW/4 ALREADY. THIS LOCATION COULD BE UTILIZED FOR THE NEW DRILL; HOWEVER, THE PAD WOULD NEED TO BE COMPLETELY STRIPPED OF PRODUCTION EQUIPMENT AND THE SPECIFIED GEOLOGICAL PREFERENCE, PER ELLIS GRAY, WOULD NOT HAVE BEEN FULFILLED. A STANDARD LOCATION WAS STAKED AT 1540' FSL AND 790' FWL; HOWEVER, IT WAS REJECTED BY THE TRIBAL REPRESENTATIVES AT THE ON-SITE INSPECTION DUE TO ARCHEOLOGY AND ROUGH, LENGTHY ACCESS. FURTHERMORE, AT THE MENTIONED ON-SITE A NUMBER OF ALTERNATIVES (BOTH STANDARD AND NON-STANDARD) WERE ATTEMPTED AND REJECTED DUE TO ARCHEOLOGY AND DRAINAGE CONCERNS. FOR THESE REASONS, THE LOCATION STAKED AT 2070' FSL AND 2055' FWL, SHOULD BE GREATLY APPRECIATED.



IN REPLY REFER TO

# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Albuquerque Area Office  
P.O. Box 26567  
Albuquerque, New Mexico 87125-6567

RECEIVED

MAY 30 1997

CONOCO  
ROW&C

380 - Branch of Natural Resources  
Services  
Jicarilla 97-112

MAY 23 1997

Mr. W.E. Gray, Jr.  
Conoco, Inc.  
10 Desta Drive, Suite 430E  
Midland, Texas 79707

Dear Mr. Gray:

We have reviewed a cultural resources survey report dated April 10, 1997, and entitled, "Cultural Resource Survey: Archaeological Survey of a Well Location and Its Access Road on Jicarilla Apache Tribal Lands (Jicarilla A #9M)." This was prepared by Mr. Gifford Velarde, Velarde Energy Service, and is numbered Report CR-97-509. We understand that you also have a copy of this document.

The report, dealing with Jicarilla Apache Tribal lands, states that no surface evidence of potentially significant cultural resources was encountered during the requisite field inspection. The project location is sufficiently small and in a location where we do not expect that it will impact any areas of traditional religious or cultural importance to the Jicarilla Apache Tribe. Therefore, we have determined that no effect on any National Register listed or eligible cultural resources will result from the proposed action. We have notified the New Mexico State Historic Preservation Officer of our determination and provided a copy of this report for their files.

The proposed undertaking is in compliance with the provisions of Section 106 of the National Historic Preservation Act and may proceed under the following stipulations:

1. All land-altering activities will be confined to the area surveyed for cultural resources.
2. If subterranean cultural resources are encountered, all land-altering activities will be halted and the Area Archeologist notified immediately.

These stipulations must be followed or project suspensions will be issued. The responsibility of project sponsors is to notify subcontractors of the project boundaries and stipulations. Any change in project boundaries will require additional survey and repetition of the compliance procedures.

EXHIBIT 4

This letter only serves as notification that National Historic Preservation Act Section 106 compliance has been completed for the subject project. 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 which 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, Area Archeologist, Branch of Natural Resources Services, at (505) 766-3374.

Sincerely,

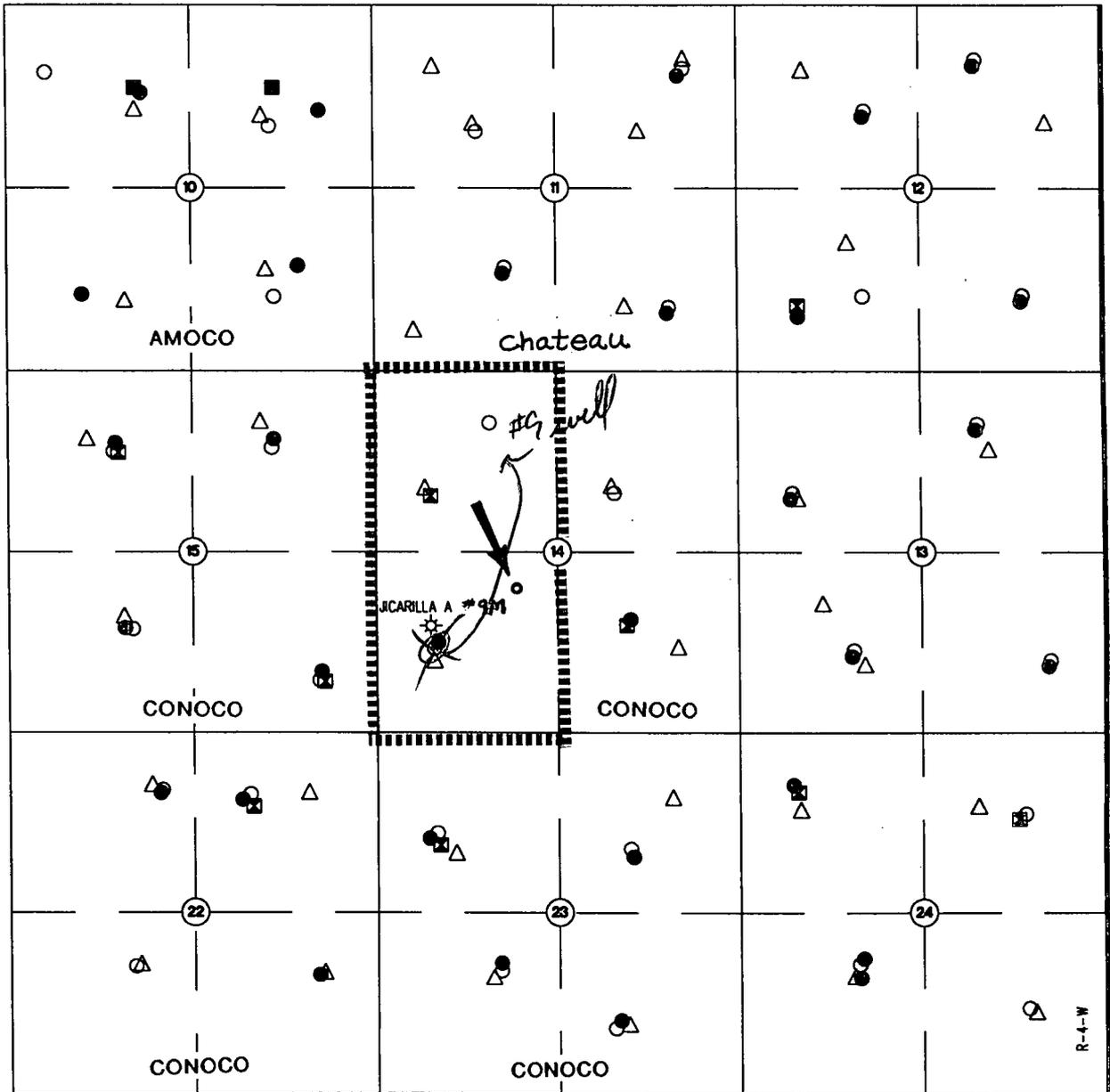
A handwritten signature in cursive script, appearing to read "Bruce G. Harrill".

Acting Assistant Area Director

# JICARILLA A #9M

BLANCO MESA VERDE / BASIN DAKOTA FORMATION GAS WELL  
EXISTING ADJACENT GAS/ OIL WELLS WITHIN A 1 MILE RADIUS

SW/4 SEC. 14, TOWNSHIP 26 NORTH, RANGE 4 WEST  
RIO ARRIBA COUNTY, NEW MEXICO



**LEGEND**

- BS MESA GALLUP
- ⊗ WILD HORSE GALLUP
- BLANCO MESA VERDE FORMATION
- △ BLANCO PICTURED CLIFFS
- BASIN DAKOTA FORMATION
- BASIN FRUITLAND COAL FORMATION
- ☼ JICARILLA A #8M

SCALE : NTS      REVISION: NONE      DRAWN BY: J. BISLAND      DATE DRAWN: 1/21/97      FILE NAME: 9MMADJ

CLIENT **CONOCO** FARMINGTON, NEW MEXICO

PREPARED BY **TRIGON DENVER FARMINGTON NEW MEXICO** **EXHIBIT 5**

R-4-W  
R-3-W

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 70 Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Bravo Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

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Form C-104  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

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

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CONOCO INC. 10 Desta Drive Ste 100W MIDLAND, TEXAS 79705		OGRID Number 005073
		Reason for Filing Code CH EFFECTIVE 11-1-95
API Number 30 - 0 39-20095	Pool Name BASIN DAKOTA	Pool Code 71599
Property Code 18018	Property Name JICARILLA A	Well Number 9

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	14	26 N	04 W		790	NORTH	1670	WEST	RIO ARRIBA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Loc Code J	Producing Method Code ZONE ABANDON	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
025244	WILLIAMS FIELD SERVICES CO. P.O. BOX 58900 SALT LAKE CITY, UT 84158	2310930	G	C 14 26N 04W
009018	GIANT REFINERY P.O. BOX 256 FARMINGTON, NM. 87499	2310910	O	C 14 26N 04W

RECEIVED  
 OCT 31 1995  
 OIL CON. DIV.  
 DIST. 3

IV. Produced Water

POD 2310950	POD ULSTR Location and Description C 14 26N 04W
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V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bill R. Keathly*  
 Printed name: BILL R. KEATHLY  
 Title: SR. REGULATORY SPEC.  
 Date: 10-31-95 Phone: (915) 686-5424

OIL CONSERVATION DIVISION  
 Approved by: *[Signature]*  
 Title: SUPERVISOR DISTRICT #3  
 Approval Date: OCT 31 1995

If this is a change of operator fill in the OGRID number and name of the previous operator  
*[Signature]* 014591 MERIT ENERGY CO.  
 SHERYL J. CARRUTH REGULATORY MGR 10-31-95  
 Previous Operator Signature Printed Name Title Date

Sec : 14 Twp : 26N Rng : 04W Section Type : NORMAL

L 40.00  Indian owned	K 40.00  Indian owned	J 40.00  Indian owned A	I 40.00  Indian owned
M 40.00  Indian owned A A	N 40.00  Indian owned	O 40.00  Indian owned	P 40.00  Indian owned A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

Sec : 14 Twp : 26N Rng : 04W Section Type : NORMAL

D 40.00  Indian owned	C 40.00  Indian owned A	B 40.00  Indian owned	A 40.00  Indian owned
E 40.00  Indian owned A	F 40.00  Indian owned	G 40.00  Indian owned A	H 40.00  Indian owned

M0002: This is the first page

PF01 HELP    PF02    PF03 EXIT    PF04 GoTo    PF05    PF06  
PF07 BKWD    PF08 FWD    PF09 PRINT    PF10 SDIV    PF11    PF12

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 3865  
Order No. R-3510

APPLICATION OF SOUTHERN UNION PRODUCTION  
COMPANY FOR AN UNORTHODOX LOCATION AND A  
DUAL COMPLETION, RIO ARRIBA COUNTY, NEW  
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 25, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of October, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Southern Union Production Company, seeks an exception to Rule 2 of the Special Rules and Regulations governing the Blanco-Mesaverde Gas Pool as promulgated by Order No. R-1670, as amended, to complete its Jicarilla "A" Well No. 9 at an unorthodox location 790 feet from the North line and 1670 feet from the West line of Section 14, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant also seeks authority to complete the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and the Basin-Dakota Gas Pool through parallel strings of 1 1/2-inch tubing, with separation of zones by a packer set at approximately 7660 feet.

(4) That the subject well was originally projected and drilled as a Pictured Cliffs-Dakota gas well at a standard location for said formations and is off-pattern with respect to the Special Rules and Regulations governing the Blanco-Mesaverde Gas Pool.

(5) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(6) That approval of the subject application will prevent the drilling of unnecessary wells, will avoid the augmentation of risk arising from the drilling of an excessive number of wells, will prevent reduced recovery which might result from the drilling of too few wells, will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pools, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Southern Union Production Company, is hereby granted an exception to the well location requirements of Rule 2 of the Special Rules and Regulations governing the Blanco-Mesaverde Gas Pool as promulgated by Order No. R-1670, as amended, and is hereby authorized to complete its Jicarilla "A" Well No. 9 at an unorthodox location 790 feet from the North line and 1670 feet from the West line of Section 14, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

(2) That the applicant is hereby authorized to complete the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and the Basin-Dakota Gas Pool through parallel strings of 1 1/2-inch tubing, with separation of zones by a packer set at approximately 7660 feet;

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Deliverability Test Period for the Basin-Dakota Gas Pool.

-3-

CASE No. 3865

Order No. R-3510

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5264  
Order No. R-1670-T

APPLICATION OF EL PASO NATURAL GAS  
COMPANY FOR THE AMENDMENT OF ORDER  
NO. R-1670, BLANCO MESAVERDE POOL,  
SAN JUAN AND RIO ARRIBA COUNTIES,  
NEW MEXICO.

*Also see R-1670-T-R  
R-1670-T-B  
R-1670-W*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 13 and August 14, 1974, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 14th day of November, 1974, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the Blanco Mesaverde Pool, located in San Juan and Rio Arriba Counties, New Mexico, was created by Commission Order No. 799, dated February 25, 1949.

(3) That the Blanco Mesaverde Pool is governed by special rules and regulations, promulgated by the Commission in Order No. R-1670, as amended, which provide for 320-acre proration units and well locations in the NE/4 and SW/4 of each governmental section, and for the assignment of allowable to each proration unit in the pool based on the amount of acreage in the unit and the deliverability of the unit well.