

OIL CONSERVATION DIVISION
RECEIVED

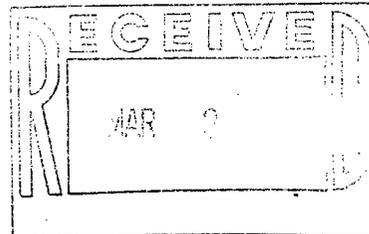
SUITE 2000 ONE NORWEST CENTER/1700 LINCOLN STREET/DENVER, CO 80203-4520

APACHE CORPORATION

303/837-5000

February 27, 1994

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Aztec District Office
1000 Rio Brazos Road
Aztec, New Mexico 87410



Gentlemen:

Apache Corporation requests exception to the unorthodox well location requirements for development gas wells in Rio Arriba County for the Jicarilla Apache "A" 118 #15, API# 30-039-23867. This well was originally drilled and completed by Amoco Production Company and produced from the Gallup-Dakota formation. Apache assumed operations in 1991. The Gallup-Dakota is currently SI pending evaluation, and the well has been recompleted to the Blanco Mesa Verde formation.

For your review, please find copies of:

- BIA approval for Amoco to drill on original location
- Approved APD for original location
- Completion Report to produce well from the Gallup Dakota formation
- Original C-102 submitted by Amoco
- Notice of Intent, Subsequent Report of Recompletion and Recompletion Report to recomplete to the Blanco Mesa Verde formation.
- C-102 for the Blanco Mesa Verde formation
- Topo map of the approved drillsite
- Land plat of showing offset operators in the area by formation

Please contact me if you have any questions.

Sincerely,

APACHE CORPORATION

Jo Ann Smith
Engineering Technician

enclosures



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
JICARILLA AGENCY
DULCE, NEW MEXICO 87528

IN REPLY REFER TO:

Real Property
Management-900

JUN 27 1985

Bureau of Land Management
Farmington Resource Area
Caller Service 4104
Farmington, New Mexico 87499-4104

RECEIVED

JUN 28 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Gentlemen:

On May 20, 1985 we participated in a predrill inspection of one (1) proposed well located for Amoco Production Company. Participating in the inspection was Kerwin Tafoya representing the Bureau of Indian Affairs. This location was previously inspected by BLM personnel and the archeologist at an earlier date.

The Well location inspected is as follows: Jicarilla Contract #118 Well #15 located 440' FSL & 550' FEL in S. 25, T26N., R3W., N.M.P.M..

We have received an Environmental Quality Report granting cultural resource clearance on the proposed well location.

Jicarilla Contract #118 Well #15 located at 440' FSL & 550' FEL, in S. 25, T26N., R3W., is accepted and approved as amended by the following stipulations:

All above-ground structures are to be painted Federal Standards Green.

Pipelines are to follow and course an existing road.

The running surface of the access road is to be no wider than 20' with the exceptions of curves, and the total disturbance, including drainage on both sides of the road, is to be no wider than 30'.

Reseeding Mix is to be #11 Seed Mix.

The B.I.A. Realty Office is to be notified as to when construction of the reserve pit, access road, and well pad will commence prior to actual construction commences.

Bureau of Land Management - Pg. 2.

Cut drainage or erect burm in front of the reserve pit to prevent rain or snow run-off from entering the pit.

Erect a firewall around the storage tanks upon completion of the well.

Follow all stipulations set forth in the Environmental Quality Report granting cultural resource clearance on this well.

The well pad and reserve pit are not to exceed 300' x 300'.

Cut all trees 4" in diameter or more into 16" lengths and stack at designated area prior to construction of the reserve pit, access road, and well pad so the Tribe can pick it up.

Round the NW corner of the pad so that the pine trees in this area are not disturbed.

No dirt work of any sort is to commence unless the well will be drilled within 30 days from the time construction of the well pad, access road, and reserve pit are completed.

Our survey done May 20, 1985, and comparing it to the Jicarilla Tribal Game & Fish knowledges on this concern, we can state that the Bald Eagle, Peregrine Falcon, Black-footed Ferret, and Knowlton Cactus are not affected by the approved well location mentioned above. This proposed location is not considered to be a threat to threatened or endangered species.

With that we do hereby approve, as amended, the proposed well location for Amoco Production Company. We offer no objections to the commencement of drilling activities. Should you have any questions please call Kerwin Tafoya at (505) 759-3676.

Sincerely,


Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 B. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Amoco Production Co.

3. ADDRESS OF OPERATOR
 501 Airport Drive, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 440' FSL x 550' FEL
 At proposed prod. zone: same
 APR 24 1985

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 40 miles Northeast of Counselor, New Mexico

16. NO. OF ACRES IN LEASE: 2566.44
 17. NO. OF ACRES ASSIGNED TO THIS WELL: 160
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 2500' West
 19. PROPOSED DEPTH: 8577'
 20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7505' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#, J-55	300'
7-7/8"	5-1/2"	15.5#, K-55	8577'

This action is subject to administrative appeal pursuant to 30 CFR 290.

5. LEASE DESIGNATION AND SERIAL NO.
 Jicarilla Apache A118
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Jicarilla Tribe
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Jicarilla Apache A118
 9. WELL NO.
 15
 10. FIELD AND POOL, OR WILDCAT
 W.Lindreth Gallup Dako
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SE/SE Sec25, T26N, R3W
 12. COUNTY OR PARISH
 Rio Arriba
 13. STATE
 NM

Amoco proposes to drill the above well to further develop the W.Lindreth Gallup DK reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to Northwest Pipeline

FARMINGTON DISTRICT
 SEP 13 1985

WJH	
DDL	
DBB	
GOM	
TWE	
B...	
2 Dds BLS	
...	
TLB	
1 King	
3 G...	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: BDS Shaw TITLE: Adm. Supervisor DATE: 4/19/85

(This space for Federal or State office use)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

ISSUAL DATE

APPROVED AS AMENDED

SEP 11 1985

John Miller
 J.M. MILLENBACH
 AREA MANAGER

OPERATOR

*See Instructions On Reverse Side

TO WHOM IT MAY CONCERN:
 A COPY OF THE ATTACHED APPLICATION HAS BEEN FORWARDED TO NMOCC.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

FARMINGTON DISTRICT
 JAN 22 1985
 RECEIVED
 DBB
 JAGDM
 TWE
 BUREAU OF LAND MANAGEMENT
 FARMINGTON RESOURCE AREA
 WF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other

6. TYPE OF COMPLETION:
 NEW WELL WORK OVER DEEP EN DEEP BACK DEEP. REVR. Other

2. NAME OF OPERATOR
Amoco Production Co.

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, N M 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 440' FSL X 550' FEL
 At top prod. interval reported below Same
 At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Apache A-118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache A-118

9. WELL NO.
15

10. FIELD AND POOL, OR WILDCAT
Ojito Gallup/Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/SE Sec 25, T26N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUNDED 9-17-85 16. DATE T.D. REACHED 9-30-85 17. DATE COMPL. (Ready to prod.) 12-2-85 18. ELEVATION (DP, HKB, RT, GR, ETC.)* 7520' KB 19. ELEV. CASINGHEAD 7505' GR

20. TOTAL DEPTH, MD & TVD 8540' 21. PLUG. BACK T.D., MD & TVD 8494' 22. IF MULTIPLE COMPL., HOW MANY* Single 23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Gallup-Dakota

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-SP-GR, FDC-CNL-GR-CALIPER

27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24# K-55	341'	12 1/4"	354 cu. ft. Class B Portland	Portland
5 1/2"	15.5# K-55	8538'	7-7/8"	826 cu. ft. Class B Portland	Portland
				307 cu. ft. Class B Portland	Portland
				850 cu. ft. Class B Portland	Portland

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8311'	

Cast iron bridgeplug set at 8410'

31. PERFORATION RECORD (Interval, size and number)

8238'-8262', 8284'-8305', 4 jspf, .50" dia., 180 holes.
 7505'-7548', 7174'-7504', 7082'-7174', 1 jspf, .48" dia., 466 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8238'-8305'	60,000 gal 30# gel and 65,000# 20-40 sand
7082'-7548'	32,1600 gal 30# gel and 32,320# 20-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION 12-2-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-27-85	24	20/64		130	595	5	4577

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
380 psig			130	595	5	

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

35. LIST OF ATTACHMENTS
None

TEST WITNESSED BY
Ted's Field Service
ACCEPTED FOR RECORD

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

SIGNED B. Shaw TITLE Adm. Supervisor DATE 1-8-86

JAN 17 1986
FARMINGTON RESOURCE AREA

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

All distances must be from the outer boundaries of the Section.

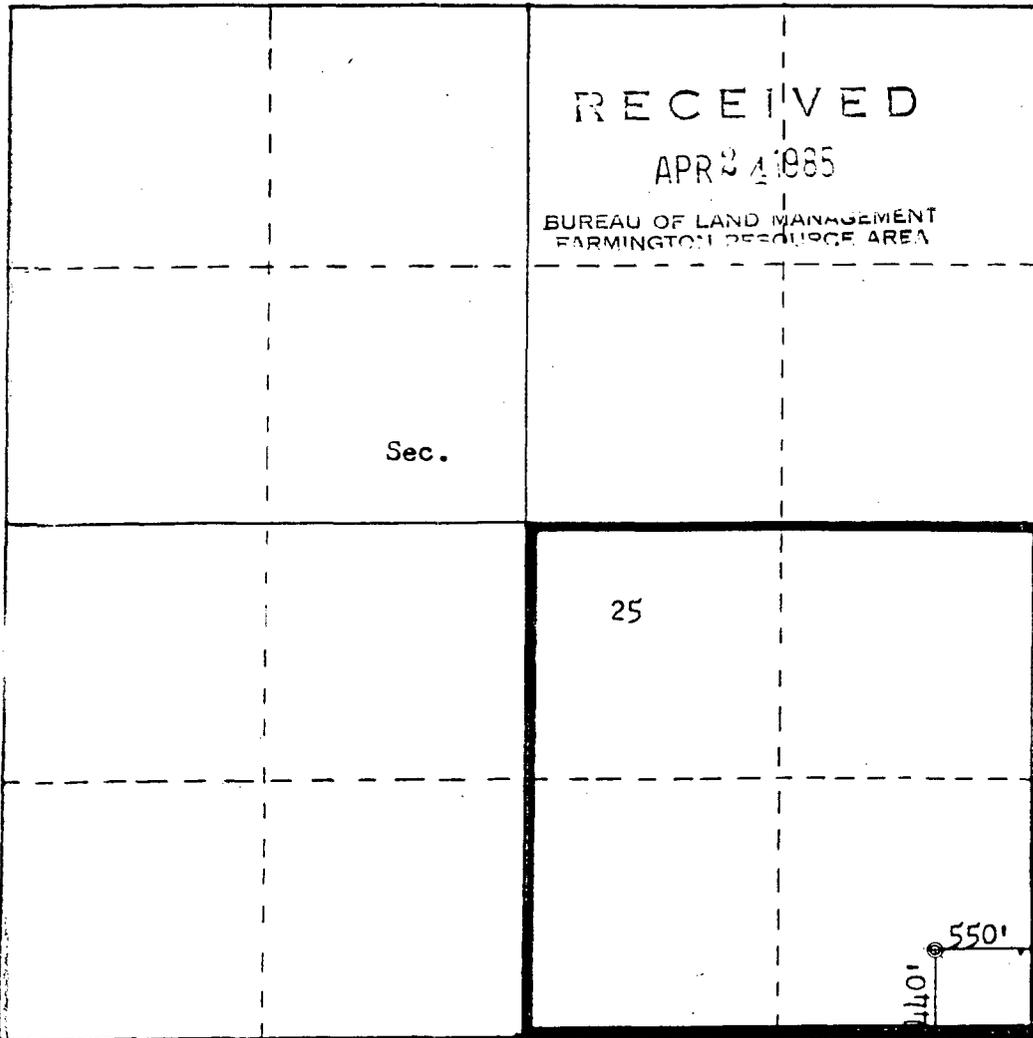
Operator AMOCO PRODUCTION COMPANY		Lease JICARILLA APACHE A118		Well No. 15
Unit Letter P	Section 25	Township 26N	Range 3W	County Rio Arriba
Actual Footage Location of Well: 440 feet from the South line and 550 feet from the East line				
Ground Level Elev: 7505	Producing Formation Gallup-Dakota	Pool W. Lindreth Gallup Dakota	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. D. Shaw

Name
B. D. Shaw
Position
Adm. Supervisor
Company
Amoco Production Co.
Date
4/19/85

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 17, 1984

Registered Professional Engineer and Land Surveyor

Fred B. Kerry Jr.
Fred B. Kerry Jr.

Certificate No. **3950**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" For such proposals

SUBMIT IN TRIPLICATE

1. Type of Well:
Oil Well Gas Well Other

2. Name of Operator
MW Petroleum Corporation

3. Address and Telephone No. 505-325-0381
304 N. Behrend St., Farmington, New Mexico 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
440' FSL, 550 FEL; Sec.25, T26N, R3W

5. Lease Designation and Ser. No.
Jicarilla Apache A118

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Jicarilla Apache Tribal A118 #15

9. API Well No.
30-039-23869

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde

11. County or Parish, State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent <input checked="" type="checkbox"/>	Abandonment	Change of Plans
Subsequent Report	Recompletion <input checked="" type="checkbox"/>	New Construction
Final Abandonment Notice	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
	Altering Casing	Conversion to Injection
	Other	Dispose Water

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Apache Corporation plans to recomplete the Jicarilla Apache Tribal A118 #15 to the Blanco Mesa Verde as follows: Set CIBP @ 6300', perforate 6046'-6051', 6059'-6081' at 4JSPF, frac W/80,000 lbs. of 20/40 sand, 33,000 gals. YF130 X-linked gel, 9,000 gals. WF-130 linear gel. Swab and clean up. Set retrievable Bridge Plug @ 5850'. Perforate 5677'-5687', 5775'-5788'. Frac w/80,000 lbs. 20/40 sand, 33,000 gals. X-linked gel, 9,000 gals. linear gel. Swab and clean up. Retrieve B.P. and test zone. Evaluate for commingle with Gallup/Dakota.

VERBAL APPROVAL Shirley Monday 9-20-93

14. I Certify that the foregoing is true and correct.
Signed *W McCas* Title Production Superintendent Date: 9/20/93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen
or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" For such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: Oil Well Gas Well <input checked="" type="checkbox"/> Other	5. Lease Designation and Ser. No. JICARILLA APACHE TRIBAL A 118
2. Name of Operator MW Petroleum C/O Apache Corporation	6. If Indian, Allottee or Tribe Name JICARILLA APACHE TRIBE
3. Address and Telephone No. 304 N. Behrend, Farmington, NM 87401 (505) 325-0318	7. If Unit or CA, Agreement Designation 8. Well Name and No. JAT A118 #15
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 440' FSL, 550' FEL SEC.25, T26N, R3W	9. API Well No. 30-039-23869
 	10. Field and Pool, or Exploratory Area BLANCO MESA VERDE
 	11. County or Parish, State RIO ARRIBA, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION												
Notice of Intent	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Abandonment</td> <td style="width: 50%; border: none;">Change of Plans</td> </tr> <tr> <td style="border: none;">Recompletion <input checked="" type="checkbox"/></td> <td style="border: none;">New Construction</td> </tr> <tr> <td style="border: none;">Plugging Back</td> <td style="border: none;">Non-Routine Fracturing</td> </tr> <tr> <td style="border: none;">Casing Repair</td> <td style="border: none;">Water Shut-Off</td> </tr> <tr> <td style="border: none;">Altering Casing</td> <td style="border: none;">Conversion to Injection</td> </tr> <tr> <td style="border: none;">Other</td> <td style="border: none;">Dispose Water</td> </tr> </table>	Abandonment	Change of Plans	Recompletion <input checked="" type="checkbox"/>	New Construction	Plugging Back	Non-Routine Fracturing	Casing Repair	Water Shut-Off	Altering Casing	Conversion to Injection	Other	Dispose Water
Abandonment	Change of Plans												
Recompletion <input checked="" type="checkbox"/>	New Construction												
Plugging Back	Non-Routine Fracturing												
Casing Repair	Water Shut-Off												
Altering Casing	Conversion to Injection												
Other	Dispose Water												
Subsequent Report <input checked="" type="checkbox"/>													
Final Abandonment Notice													

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. Set R.B.P. @ 6300'. Pressure test to 3100 PSI.
2. Perf 6046-51', 6059-81' w/ 4 SPF.
3. Acidize w/ 1000 gal. 7 1/2 % HCL acid. Swab test 2 days.
4. Frac well w/ 80,470 # sd, 922 BW. ISIP 840 PSI. 15 min 420 PSI.
5. Set R.B.P. @ 5949'. Pressure test to 3050 PSI.
6. Perf 5677-88', 5775-88', 5871-78', 5884-88' w/ 4 SPF.
7. Acidize w/ 1300 gals. 7 1/2 % HCL acid. Swab test 1 day.
8. Frac 5677' to 5888' w/ 75,246 # sd, 631 BW. Well screened out.
9. Retrieve BP @ 5949'. Swab well 11 days.
10. Set production tbg, ran rod pump, rods.
11. Well first delivered to EPNG Co. on 10-6-93.

14. I Certify that the foregoing is true and correct

Signed: Stan Kilby Title: Production Foreman Date: 2-15-94

(This space for Federal or State office use)

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency to the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Sent to BLM, 2-15-94

Denver
FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REVR. Other Re-completion

2. NAME OF OPERATOR

MW Petroleum c/o Apache Corporation

3. ADDRESS AND TELEPHONE NO. 505-325-0318
304 N. Behrend, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 7517'

At top prod. interval reported below 5677'

At total depth 8540'

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Apache A118

6. IF INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache Trib

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

JAT A118 #15

9. API WELL NO.

30-039-23869

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

440' FSL, 550' FEL

Sec. 25 T26N R3W

12. COUNTY OR PARISH

Rio Arriba NM

13. STATE

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

9-18-85

12-2-85 as GI/DK

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

8540'

8494'

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5677' to 6081' Recompleted to Mesaverde 10-6-93 RBP @ 6300'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CL - GR

27. WAS WELL CORED

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24#	339'			
5 1/2" K-55	15.5#	8540'		DV Tool @ 4557'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	6056'	None

31. PERFORATION RECORD (Interval, size and number)

5677-88' 5884-88' 4 SPF -
5775-88' 6046-51
5871-78 6059-81 288 perfs

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5677'-5888'	1300gal 7 1/2% HCL, 75, 246#
6046'-6081'	1000gal 7 1/2% HCL, 80, 470#

33. PRODUCTION

DATE FIRST PRODUCTION 10-6-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 X 1 1/4 X 16 RHAC WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 10-22-93 HOURS TESTED 24 CHOKER SIZE Open PROD'N. FOR TEST PERIOD → OIL—BSL. 1.67 GAS—MCF. 161 WATER—BSL. 73.4 GAS-OIL RATIO

FLOW. TUBING PRESS. 120 PSI CASING PRESSURE 120 PSI CALCULATED 24-HOUR RATE → OIL—BSL. Same GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Sold - EPNG Co.

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

SIGNED

Stan Phillips

TITLE

Production Foreman

DATE

2-15-94

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

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89



DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88220

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

OIL CONSERVATION DIVISION
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

*well file
 Sent to OCD
 2-22-94*

WELL LOCATION AND ACREAGE DEDICATION PLAT

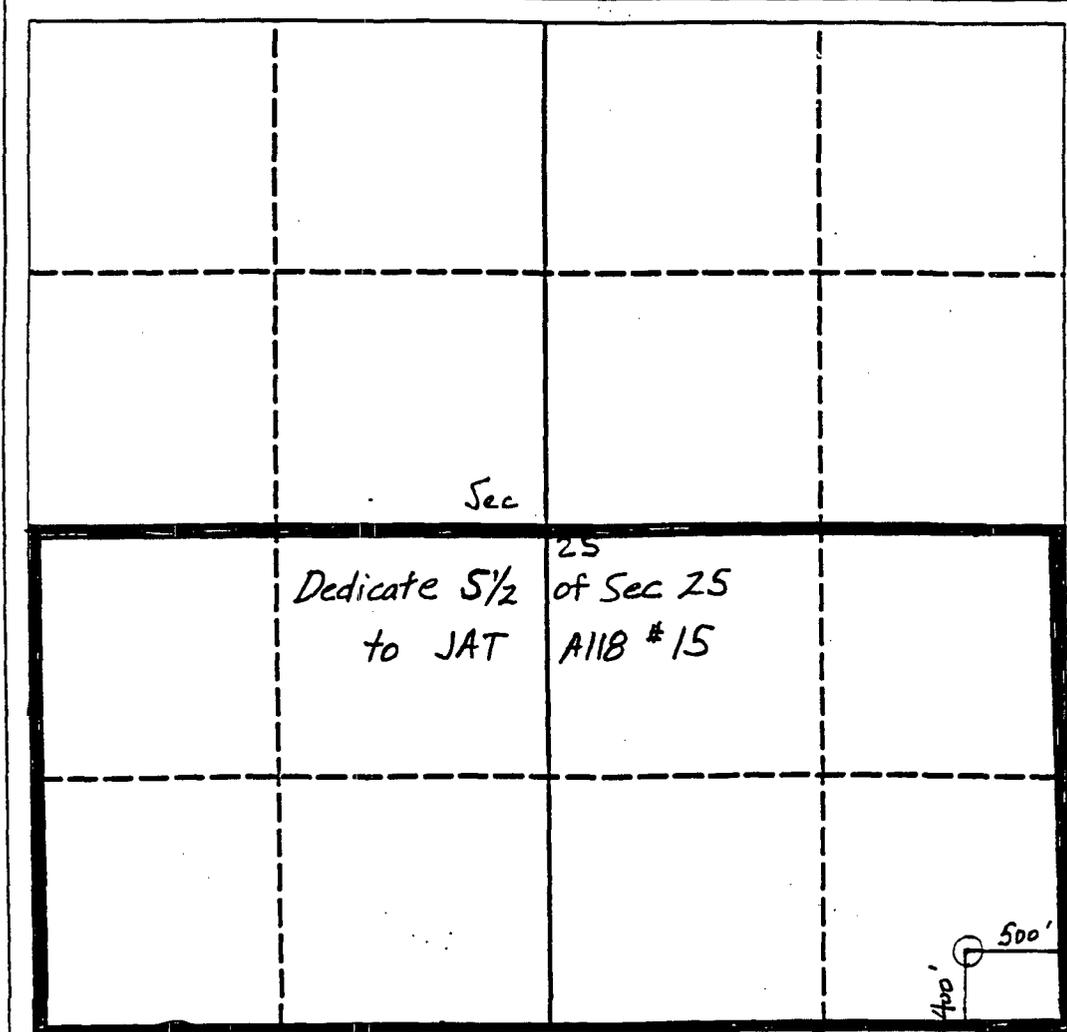
All Distances must be from the outer boundaries of the section

Operator MW Petroleum Corporation			Lease Jiacrilla Apache A118			Well No. 15		
Unit Letter P	Section 25	Township 26N	Range 3W	County NMPM Rio Arriba				

Actual Footage Location of Well:
 440 feet from the **S** line and 550 feet from the **E** line

Ground level Elev. 7505'	Producing Formation Blanco Mesa Verde	Pool Blanco Mesa Verde	Dedicated Acreage: 320 Acres
------------------------------------	---	----------------------------------	--

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 Yes No If answer is "yes" type of consolidation _____
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

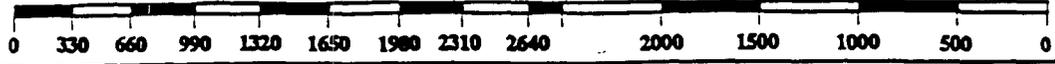


OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to best of my knowledge and belief.

Signature: *Mark McCool*
 Printed Name: **Mark McCool**
 Position: **Production Superintendent Farmington District**
 Company: **MW Petroleum Corp.**
 Date: **Feb, 18, 1994**

SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes, actual surveys made by me or under supervision, and that the same is true correct to the best of my knowledge and belief.

Date Surveyed: _____
 Signature & Seal of Professional Surveyor: _____
 Certificate No.: _____



Well Symbols

• GRANT MINES

⊛ BLANCO MESA VERMOS

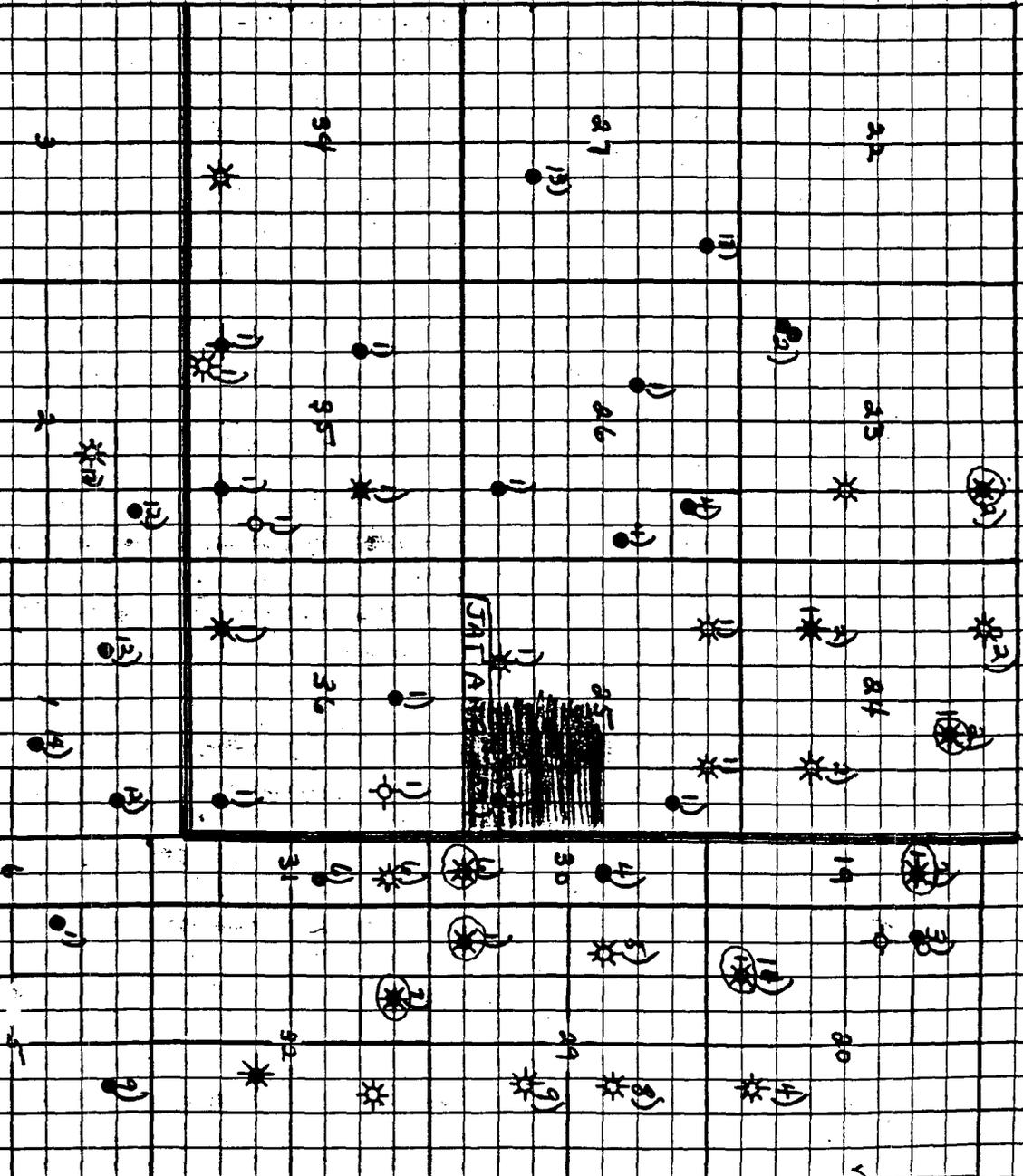
* Tapatio PC

* GAL/BAK

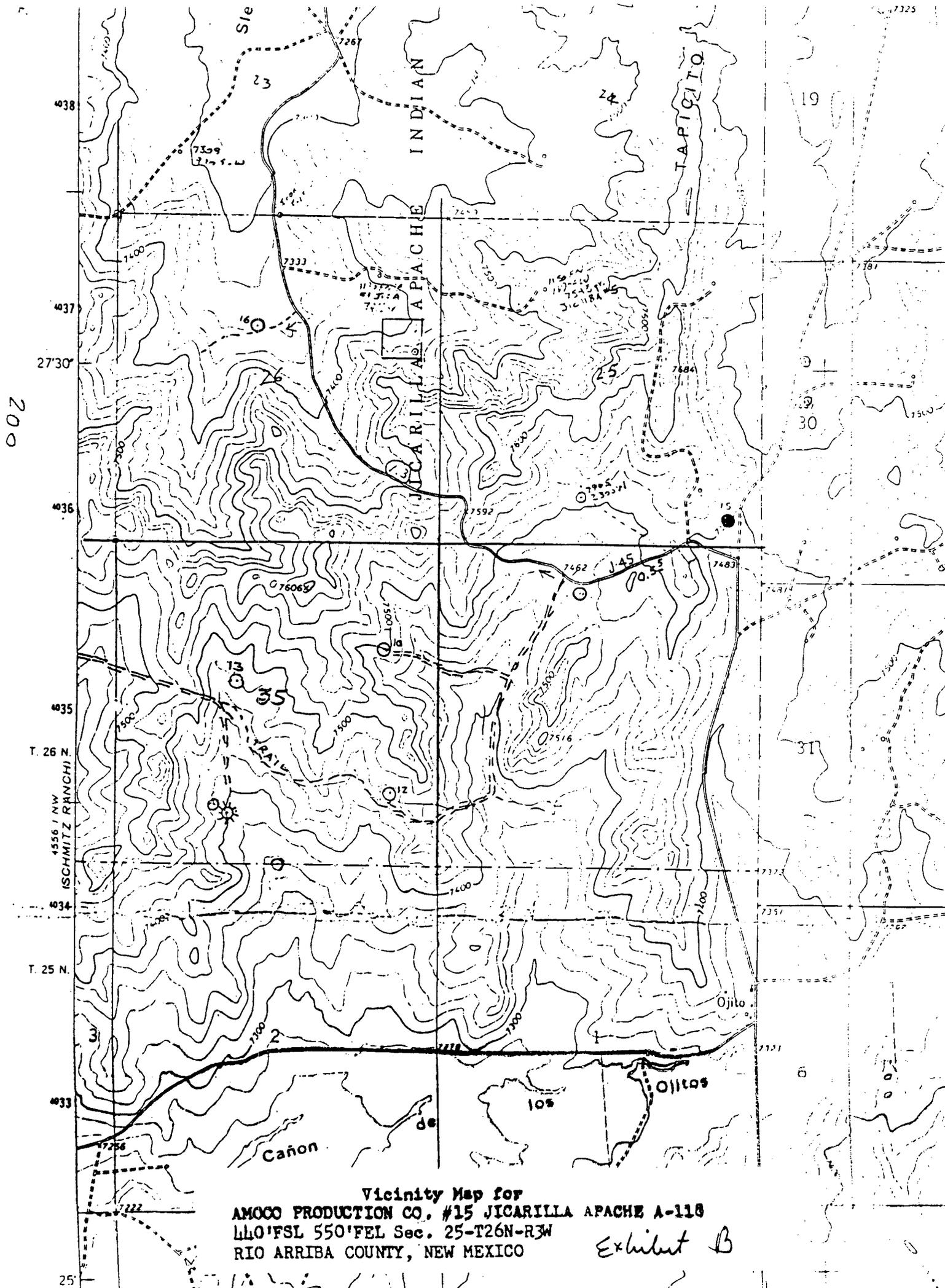
⊕ Plugged Oil Well

⊕ Plugged gas well

SHADED AREA IS DESIGNATED ACREAGE.



- 1) MW Petroleum
- 2) MERIDIAN OIL CO.
- 3) MERIDIAN OIL & GAS
- 4) ROBERT L. BAYLESS
- 5) RENDING BATES
- 6) DOME OIL
- 7) MOUNTAIN STATES
- 8) WESTERN OIL & MINES
- 9) MESA GRANDE
- 10) G. MERIDIAN
- 11) DUGAN PROP.
- 12) MAJEL INC.
- 13) GRANT EXP.
- 14) TEXACO



Vicinity Map for
 AMOCO PRODUCTION CO., #15 JICARILLA APACHE A-118
 1/4 0' FSL 550' FEL Sec. 25-T26N-R3W
 RIO ARRIBA COUNTY, NEW MEXICO

Exhibit B

200

4038
 4037
 2730
 4036
 4035
 T. 26 N.
 4556 / NW
 ISCHMITZ RANCHI N.
 4034
 T. 25 N.
 4033
 25

19

30

31

6

7325

7181

7510

7474

7773

7351

7131

Sle

JICARILLA APACHE

TAPICITO

Cañon

los

Ojitos

Ojito

ARRIBA

J-45

PO-53

23

24

25

35

16

13

12

15

7359

7267

7333

7592

7684

7352

7462

7483

7606

7005

7516

7400

7100

7258

7122

7400

1100

7300

1500

7200

7258

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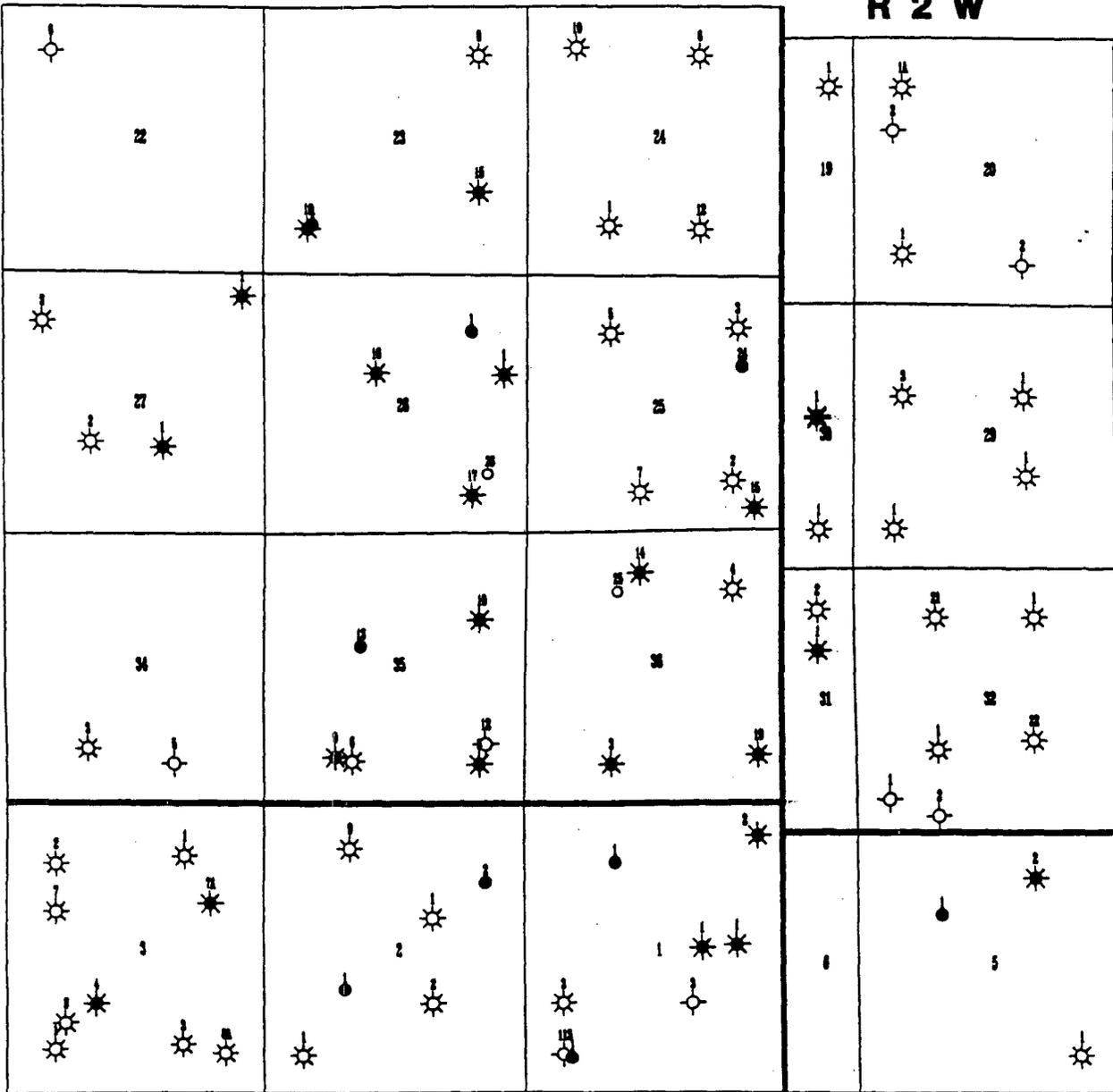
7325

R 3 W

R 2 W

T 26 N

T 25 N



Scale 1"=2,000'

LEGEND

- LOCATION
- ⊙ DRY HOLE
- ☼ GAS WELL
- OIL WELL
- ⊛ OIL & GAS WELL
- ⊙ ABANDONED OIL WELL

Apache
 CORPORATION
 ROCKY MOUNTAIN REGION

LEASE 118
 RIO ARRIBA COUNTY, NEW MEXICO

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8822
Order No. R-8188

APPLICATION OF AMOCO PRODUCTION
COMPANY FOR POOL CREATION AND
SPECIAL POOL RULES, RIO. ARRIBA
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on February 5, 1986, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 21st day of March, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) The applicant, Amoco Production Company, seeks the creation of a new Gallup oil pool consisting of all of Sections 25, 26, 35, and 36, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, and the concomitant contraction of the Ojito Gallup-Dakota Oil Pool by the deletion therefrom of said Sections 25, 26, 35, and 36.

(3) The applicant further seeks the promulgation of special pool rules for the proposed pool including a provision for 160-acre spacing and proration units.

(4) The Ojito Gallup-Dakota Oil Pool was created by Division Order No. R-4311 on June 1, 1972 and is governed by statewide 40-acre spacing and proration units.

(5) The area of the proposed new pool, hereafter referred to as the subject area, is currently within the pool boundaries of the Ojito Gallup-Dakota Oil Pool.

(6) The applicant is the owner of certain oil and gas interests in the subject area and is currently drilling or operating approximately ten wells on said acreage.

(7) Union Texas Petroleum Corporation and Minel Inc., two operators in the area to be affected by the proposed new pool, appeared at the hearing and presented evidence and testimony in opposition to the applicant.

(8) The applicant presented evidence at the hearing that shows that the initial potentials (IP) of some of their wells in the subject area are significantly higher than the majority of comparable wells in the Ojito Gallup-Dakota Oil Pool.

(9) Geologic evidence presented by the applicant indicates that the higher IP's are directly attributable to natural fractures in the Gallup formation underlying all or part of the subject area.

(10) As a result of these natural fractures, the applicant contends that the Gallup formation underlying the subject area is geologically distinct from the Gallup formation underlying the rest of the Ojito Gallup-Dakota Oil Pool.

(11) Evidence presented at the hearing indicates that there are certain wells within the Ojito Gallup-Dakota Oil Pool which had comparable IP's with the applicant's wells in the subject area.

(12) Well logs presented showed that the Gallup formation in the subject area can be correlated with the Gallup formation underlying the Ojito Gallup-Dakota Oil Pool.

(13) The Gallup pool underlying the subject area is a continuation and a part of the Ojito Gallup-Dakota Oil Pool and does not constitute a new common source of supply.

(14) The applicant failed to provide any engineering data to indicate that one well in the subject area would effectively and efficiently drain more than 40 acres.

(15) The applicant failed to provide sufficient evidence that continuation of 40-acre spacing in this common reservoir would cause the drilling of unnecessary wells.

Case No. 8822
Order No. R-8188

(16) The evidence did not show that correlative rights would be violated or waste would occur if the subject application is denied.

(17) The application by Amoco Production Company for pool creation and special pool rules should be denied.

IT IS THEREFORE ORDERED THAT:

(1) The application of Amoco Production Company for the creation of a new pool and special pool rules is hereby denied.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS
Director

S E A L

fd/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION COMMISSION

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

CASE NO. 8822 De Novo
Order No. R-8188-A
NOMENCLATURE

APPLICATION OF AMOCO PRODUCTION COMPANY
FOR POOL CREATION AND SPECIAL POOL RULES,
RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 20, 1986, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 27th day of June, 1986, 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 THAT:

- (1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Amoco Production Company, seeks an order deleting a portion of the Ojito Gallup-Dakota Oil Pool and creating the Northeast Ojito Gallup-Dakota Oil Pool with special pool rules including a provision for 160-acre spacing, Rio Arriba County, New Mexico.
- (3) Notice was given to all interested parties to appear and participate in the hearing.
- (4) Of those parties notified, Minel Inc. and Union Texas Petroleum Corporation appeared in opposition to the applicant.
- (5) The applicant presented geologic and engineering evidence to demonstrate that the Gallup formation in the proposed new pool area was in fact in the same common source of supply with the Ojito Gallup-Dakota Oil Pool, but has producing characteristics sufficiently different to require the creation of such new pool.

(6) Certain of the Amoco wells in the proposed new pool area have high initial potential rates and sustained high production over a six (6) month period that indicate that the production of those wells is enhanced by natural fracturing.

(7) At the conclusion of the applicant's presentation and prior to the opponent's presentation, the parties to the hearing entered into an agreement acceptable to the Commission concerning this case.

(8) By agreement of the parties to the hearing, and in order to obtain additional data and to preserve the status quo during the temporary period, the creation of a special pool with 160-acre spacing on a temporary basis of 24 months protects the correlative rights of the interest owners involved.

(9) Applicant's evidence and testimony at the hearing demonstrated that drilling wells in the proposed Northeast Ojito Gallup-Dakota Oil Pool on 40-acre spacing is uneconomical at the present time and may result in the drilling of unnecessary wells.

(10) Applicant's engineering evidence presented at the hearing tended to demonstrate that certain wells in the proposed Northeast Ojito Gallup-Dakota Oil Pool are capable of effectively and efficiently draining 160-acre spacing units. However, such evidence is not conclusive and the development of appropriate spacing for this pool will require further study and development of factual and technical data.

(11) Adoption of temporary special pool rules including provisions for 160-acre spacing would encourage continued drilling in said proposed pool, thereby producing oil which might not otherwise be produced, thereby preventing waste.

(12) In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 160-acre spacing units should be promulgated for the proposed Northeast Ojito Gallup-Dakota Oil Pool.

(13) The temporary special rules should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(14) The temporary special rules should be established for a 24-month period in order to allow the operators in the subject pool to gather reservoir information to establish whether the temporary rules should be made permanent.

(15) This case should be reopened at an Oil Conservation Division examiner hearing in June, 1988, at which time the operators in the subject pool should be prepared to appear and show cause why the Northeast Ojito Gallup-Dakota Oil Pool should not be developed on 40-acre spacing units.

(16) The Gallup and Dakota formations should continue to be developed as a common reservoir within the newly defined pool and the horizontal limits of the Northeast Ojito Gallup-Dakota Oil Pool which should be as follows:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Sections 25, 26, 35, and 36: All

(17) The discovery well for said Northeast Ojito Gallup-Dakota Oil Pool is applicant's Jicarilla Apache Well No. 8 located in Unit P of said Section 35 and completed February 27, 1984, through perforations from 7298 feet to 8398 feet.

(18) The effective date of the pool creation and the Special Rules promulgated for the Northeast Ojito Gallup-Dakota Oil Pool should be June 1, 1986.

(19) During the time that the Temporary Special Rules are in effect, no well located in the south half of Sections 35 and 36, Township 26 North, Range 3 West, of the Northeast Ojito Gallup-Dakota Oil Pool should be allowed to produce at a rate in excess of that which would be allowed for the well if statewide 40-acre oil well spacing were applicable for this new pool as established by Rule 505.

(20) During the time that the Temporary Special Rules are in effect, the operators who are parties to this proceeding shall, to the extent possible, cooperate in developing and sharing non-proprietary technical data in order to fully evaluate the producing characteristics of this pool.

(21) The Ojito Gallup-Dakota Oil Pool should be contracted by the deletion therefrom of said Sections 25, 26, 35 and 36.

IT IS THEREFORE ORDERED THAT:

(1) The Ojito Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore defined and described, is hereby contracted by the deletion therefrom of Sections 25, 26, 35, and 36, all in Township 26 North, Range 3 West, NMPM.

(2) A new pool in Rio Arriba County, New Mexico, classified as an oil pool for Gallup-Dakota Production is hereby created and designated as the Northeast Ojito Gallup-Dakota Oil Pool, with vertical limits comprising the Gallup and Dakota formations with horizontal limits as follows:

NORTHEAST OJITO GALLUP-DAKOTA OIL POOL
RIO ARRIBA COUNTY, NEW MEXICO
TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
SECTIONS 25, 26, 35, and 36: All

(3) Temporary Special Rules for the Northeast Ojito Gallup-Dakota Pool are hereby promulgated as follows:

SPECIAL RULES FOR THE
NORTHEAST OJITO GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the Northeast Ojito Gallup-Dakota Oil Pool or in the correlative interval within one mile of its northern, eastern, or western boundary, shall be spaced, drilled, operated and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. No more than one well shall be completed or recompleted on a standard unit containing 160 acres, more or less, of a governmental section.

RULE 3. Non-standard spacing or proration units shall be authorized only after proper notice and hearing.

RULE 4. Each well shall be located no nearer than 790 feet to the outer boundary of the spacing or proration unit, nor nearer than 330 feet to a governmental quarter-quarter section line.

RULE 5. Any well presently completed in or drilling to the Northeast Ojito Gallup-Dakota Oil Pool which would be at an

unorthodox location under these rules is hereby granted an exception thereto. Any such well shall be allowed to continue full production subject only to the depth bracket allowables contained in Oil Conservation Commission Rule 505C and the provisions of Rule 7 hereof.

RULE 6. Any well located within the boundaries of the Northeast Ojito Gallup-Dakota Oil Pool or any well outside those boundaries subject to these rules shall have a limiting gas-oil ratio of 2,000 cubic feet of gas per barrel of oil produced.

RULE 7. During the time that the Temporary Special Rules are in effect, no well located in the south half of Sections 35 and 36, Township 26 North, Range 3 West, in the Northeast Ojito Gallup-Dakota Oil Pool shall be allowed to produce at a rate in excess of that which would be allowed for the well if statewide 40-acre oil well spacing were applicable as established by Rule 505.

IT IS FURTHER ORDERED THAT:

(1) The pool contraction, pool creation and Special Pool Rules for the Northeast Ojito Gallup-Dakota Oil Pool shall become effective June 1, 1986.

(2) Pursuant to Paragraph A of Section 70-2-18, NMSA 1978, existing wells in the Northeast Ojito Gallup-Dakota Pool shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto. Failure to file new Forms C-102 with the Division dedicating 160 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Northeast Ojito Gallup-Dakota Pool, or within one mile thereof, as provided in the Special Rules, shall receive no more than one-quarter of a standard allowable for the pool.

(3) This case shall be reopened in an examiner hearing in June of 1988, at which time the operators of the subject pool should be prepared to appear and show cause why the Northeast Ojito Gallup-Dakota Oil Pool should not be developed on 40-acre spacing units.

Case No. 8822 De Novo
Order No. R-8188-A
NOMENCLATURE

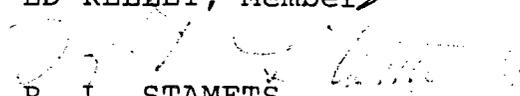
(4) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JIM BACA, Member


ED KELLEY, Member


R. L. STAMETS,
Chairman and Secretary

S E A L

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 9259
ORDER NO. R-8188-B

APPLICATION OF AMOCO PRODUCTION
COMPANY TO RESCIND RULE 7 OF
DIVISION ORDER NO. R-8188-A,
RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION

This cause came on for hearing at 8:15 am. on December 2, 1987, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 23rd day of March, 1988, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) The applicant, Amoco Production Company, seeks to rescind RULE 7 of the Special Rules for the Ojito Gallup-Dakota Oil Pool as promulgated by Division Order No. R-8188-A, dated June 27, 1988.

(3) By said Division Order No. R-8188-A the Ojito Gallup-Dakota Oil Pool, developed on statewide 40-acre spacing, was contracted by the deletion therefrom of Sections 25, 26, 35 and 36, all in Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, and the Northeast Ojito Gallup-Dakota Oil Pool was concomitantly created with the horizontal limits comprising the above-described acreage; also promulgated in said order were Temporary Special Rules including a provision for 160-acre spacing, designated well location requirements and restricted allowables for wells in the southern portion of the newly created pool.

(4) RULE 7 of said Order No. R-8188-A restricts production from wells located in the south halves of said Sections 35 and 36 to no more than the depth bracket allowable for a similar well with 40-acre spacing.

(5) This production-restriction rule was established to provide a "buffer zone" near the boundary separating a pool developed on 40-acre spacing (Ojito Gallup-Dakota) from another pool developed on 160-acre spacing (Northeast Ojito Gallup-Dakota).

(6) By Division Order No. R-8544, dated November 19, 1987 and made effective December 1, 1987, the New Mexico Oil Conservation Commission abolished the Ojito Gallup-Dakota Oil Pool and extended the West Lindrith Gallup-Dakota Oil Pool, developed on 160-acre spacing, to include all that acreage which was abolished from the Ojito Gallup-Dakota Oil Pool.

(7) RULE 7 of R-8188-A is deemed to be unnecessary at this time and should therefore be rescinded.

(8) At the time of the hearing the applicant requested that the effective date of an order issued in the case be December 1, 1987, which corresponds with the effective date of said Order No. R-8544.

(9) An effective date of December 1, 1987 would be in the best interest of conservation and should therefore be approved.

IT IS THEREFORE ORDERED THAT:

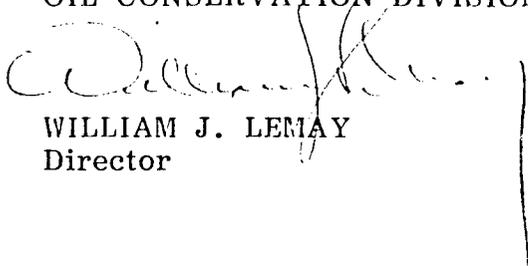
(1) Effective December 1, 1987 RULE 7 of the Special Rules for the Northeast Ojito Gallup-Dakota Oil Pool as promulgated by Division Order No. R-8188-A, dated June 27, 1986 is hereby rescinded.

(2) All other provisions of said Order No. R-8188-A shall remain in full force and effect.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8822 (Reopened)
ORDER NO. R-8188-C

IN THE MATTER OF CASE NO. 8822
BEING REOPENED PURSUANT TO THE
PROVISIONS OF DIVISION ORDER NO.
R-8188-A, WHICH PROMULGATED
TEMPORARY SPECIAL RULES AND
REGULATIONS FOR THE NORTHEAST
OJITO GALLUP-DAKOTA OIL POOL IN
RIO ARRIBA COUNTY, NEW MEXICO,
INCLUDING A PROVISION FOR 160-
ACRE SPACING UNITS.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on July 20, 1988, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 29th day of July, 1988, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) By Order No. R-8188-A, dated March 7, 1986 and issued in Case No. 8822 which was heard DeNovo before the New Mexico Oil Conservation Commission, the Ojito Gallup-Dakota Oil Pool, developed on statewide 40-acre spacing, was contracted by the deletion therefrom of Sections 25, 26, 35 and 36, all in Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, and the Northeast Ojito Gallup-Dakota Oil Pool was concomitantly created with the horizontal limits comprising the above-described acreage; also promulgated in said order were Temporary Special Rules including a provision for 160-acre spacing, designated well location requirements and restricted allowables for wells in the southern portion of the pool.

(3) By Order No. R-8188-B, dated March 23, 1988, that portion of the Temporary Special Rules for the Northeast Ojito Gallup-Dakota Oil Pool which restricted allowables for wells in the southern portion of

Case No. 8822
Order No. R-8188-C
Page No. 2

said pool (RULE 7) was rescinded; all other provisions of said Order No. R-8188-A were unaffected.

(4) Pursuant to the provisions of Order No. R-8188-A this case was reopened to allow the operators in the subject pool to appear and show cause why the Northeast Ojito Gallup-Dakota Oil Pool should not be developed on 40-acre spacing units.

(5) Amoco Production Company, operator of wells in the pool and the applicant in original Case No. 8822 (DeNovo), appeared at the hearing and presented evidence and testimony in support of the continuation of the special rules and regulations for the subject pool.

(6) The evidence presented established that one well in the subject pool can efficiently and effectively drain and develop 160 acres.

(7) In order to prevent the economic loss caused by the drilling of an excessive number of wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells and to otherwise prevent waste and protect correlative rights, Order No. R-8188-A should be continued in full force and effect until further order of the Division.

IT IS THEREFORE ORDERED THAT:

(1) The Special Rules and Regulations governing the Northeast Ojito Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, promulgated by Order No. R-8188-A, as amended, are hereby continued in full force and effect until further order of the Division.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/13/94 16:16:06
OGOMES -EMEM
PAGE NO: 1

Sec : 25 Twp : 26N Rng : 03W Section Type : NORMAL

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

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/13/94 16:16:24
OGOMES -EMEM
PAGE NO: 2

Sec : 25 Twp : 26N Rng : 03W Section Type : NORMAL

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

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12