

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

April 18, 1994

POST OFFICE BOX 1000  
STATE LAND OFFICE BUILDING  
SANTA FE NEW MEXICO 87501  
505/827-6800

Apache Corporation  
1700 Lincoln Street  
Suite 2000, One Norwest Center  
Denver, CO 80203-4520

Attention: Jo Ann Smith

*Administrative Order NSL-3375*

Dear Ms. Smith:

Reference is made to your application dated February 27, 1994, for a non-standard Blanco-Mesaverde gas well location for your existing Jicarilla Apache A-118 Well No. 15 which was drilled in 1985 and completed in the Northeast Ojito Gallup-Dakota Oil Pool at a previously approved unorthodox oil well location (Division Order No. R-8188-A, Rule 5) 440 feet from the South line and 550 feet from the East line (Unit P) of Section 25, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

It is my understanding that the Northeast Ojito Gallup-Dakota zone will be properly plugged back and said well will be recompleted to the Blanco-Mesaverde Pool, which pursuant to the Special Rules and Regulations for the Blanco-Mesaverde Pool as promulgated by Division Order No. R-8170, as amended, is unorthodox. Further, the S/2 of said Section 25 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 2(c) of said Division Order No. R-8170, as amended, the above-described unorthodox gas well location is hereby approved.

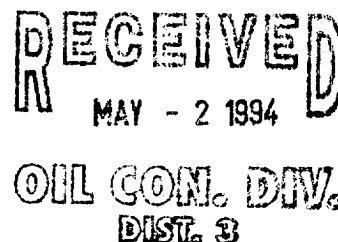
Sincerely,

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

William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Albuquerque



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 recomple 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

**RECEIVED**  
MAR 03 1994  
OIL CON. DIV  
DIST. 3



# 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 berm 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,

*M. H. Chizil*  
acting 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

RECEIVED  
APR 24 1985  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

40 miles Northeast of Counselor New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

440'

16. NO. OF ACRES IN LEASE

2566.44

17. NO. OF ACRES ASSIGNED

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

22. APPROX. DATE WORK WILL START\*

as soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative

appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	300'	354cf. Class B
7-7/8"	5-1/2"	15.5#, K-55	8577'	2220cf. Class B

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

RECEIVED

MAR 03 1984

OIL CON. DIV

DIST. 3

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.

24.

SIGNED

B.D. 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.

IVAL DATE

APPROVED  
AS AMENDED

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

OPERATOR

\*See Instructions On Reverse Side

SEP 11 1985  
J. MILLERBACH  
AREA MANAGER

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 Dakota  
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

FARMINGTON DISTRICT	
SEP 13 1985	
WJH	
DDL	
DBB	
GOM	
TWE	
BR	
2	DDS BBS
DUV	
TLB	
1	King
3	6K

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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. CENVR ☐ Other ☐

2. NAME OF OPERATOR  
Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M

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

15. DATE SPUDDED 9-17-85 16. DATE T.D. REACHED 9-30-85 17. DATE COMPL. (Ready to prod.) 12-2-85

18. ELEVATION (OP, RKB, 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 CABLE TOOLS 0-TD

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	
5 1/2"	15.5# K-55	8538'	7-7/8"	826 cu. ft. Class B Portland	
				307 cu. ft. Class B Portland	
				850 cu. ft. Class B 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 12-27-85	HOURS TESTED 24	CHOKE SIZE 20/64
PROD'N. FOR TEST PERIOD	OIL—BBL. 130	GAS—MCF. 595
WATER—BBL. 5	GAS-OIL RATIO 4577	
FLOW. TUBING PRESS. 380 psig	CASING PRESSURE	CALCULATED 24-HOUR RATE
OIL—BBL. 130	GAS—MCF. 595	WATER—BBL. 5
OIL GRAVITY-API (CORR.)		

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

To be sold.

TEST WITNESSED BY

Ted's Field Service  
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

None

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

FARMINGTON RESOURCE AREA

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

# CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-72

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

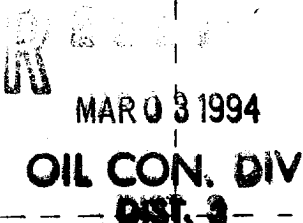
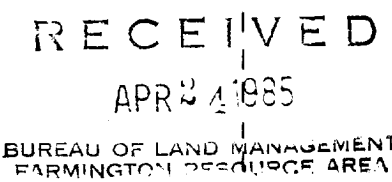
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JICARILLA APACHE 1118</b>		Well No. <b>15</b>
Unit Letter <b>P</b>	Section <b>25</b>	Township <b>26N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Wells: <b>440</b> feet from the <b>South</b> line and <b>550</b> feet from the <b>East</b> line					
Ground Level Elev: <b>7505</b>	Producing Formation <b>Gallup-Dakota</b>		Pool <b>W. Lindreth Gallup Dakota</b>		Dedicated Acreage <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

		
Sec.	25	
		550'

## 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>B. D. Shaw</b>
Position
<b>Adm. Supervisor</b>
Company
<b>Amoco Production Co.</b>
Date
<b>4/19/85</b>

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
<b>December 17, 1984</b>
Registered Professional Engineer and Land Surveyor
<i>Fred B. Kerr Jr.</i> <b>Fred B. Kerr Jr.</b>
Certificate No. <b>2050</b>

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 X 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 X	Abandonment
Subsequent Report	Recompletion X
Final Abandonment Notice	Plugging Back
	Casing Repair
	Altering Casing
	Other
	(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 recompleate 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.

**RECEIVED**  
MAR 03 1994  
OIL CON. DIV  
DIST 3

14. I Certify that the foregoing is true and correct.

Signed

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    ☒    Other

2. Name of Operator    MW Petroleum    C/O Apache Corporation

3. Address and Telephone No.    304 N. Behrend, Farmington, NM    87401  
(505) 325-0318

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  
TRIBAL A 118

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE  
TRIBE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

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

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

Title

Production Foreman

Date:

2-15-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



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

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89



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

**Actual Footage Location of Well:**

440 feet from the <b>S</b> line and 550 feet from the <b>E</b> line			
Ground level Elev. <b>7505'</b>	Producing Formation <b>Blanco Mesa Verde</b>	Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>320 Acres</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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.

		<b>MAR 03 1994</b> <b>OIL CON. DIV.</b> <b>DIST. 3</b>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**OPERATOR CERTIFICATION**

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

Date Surveyed \_\_\_\_\_

Signature & Seal of Professional Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_

Well Symbols  
 • GRAY/AN  
 MINE CO'S

\* B/ANTCO  
 MESA VERDE

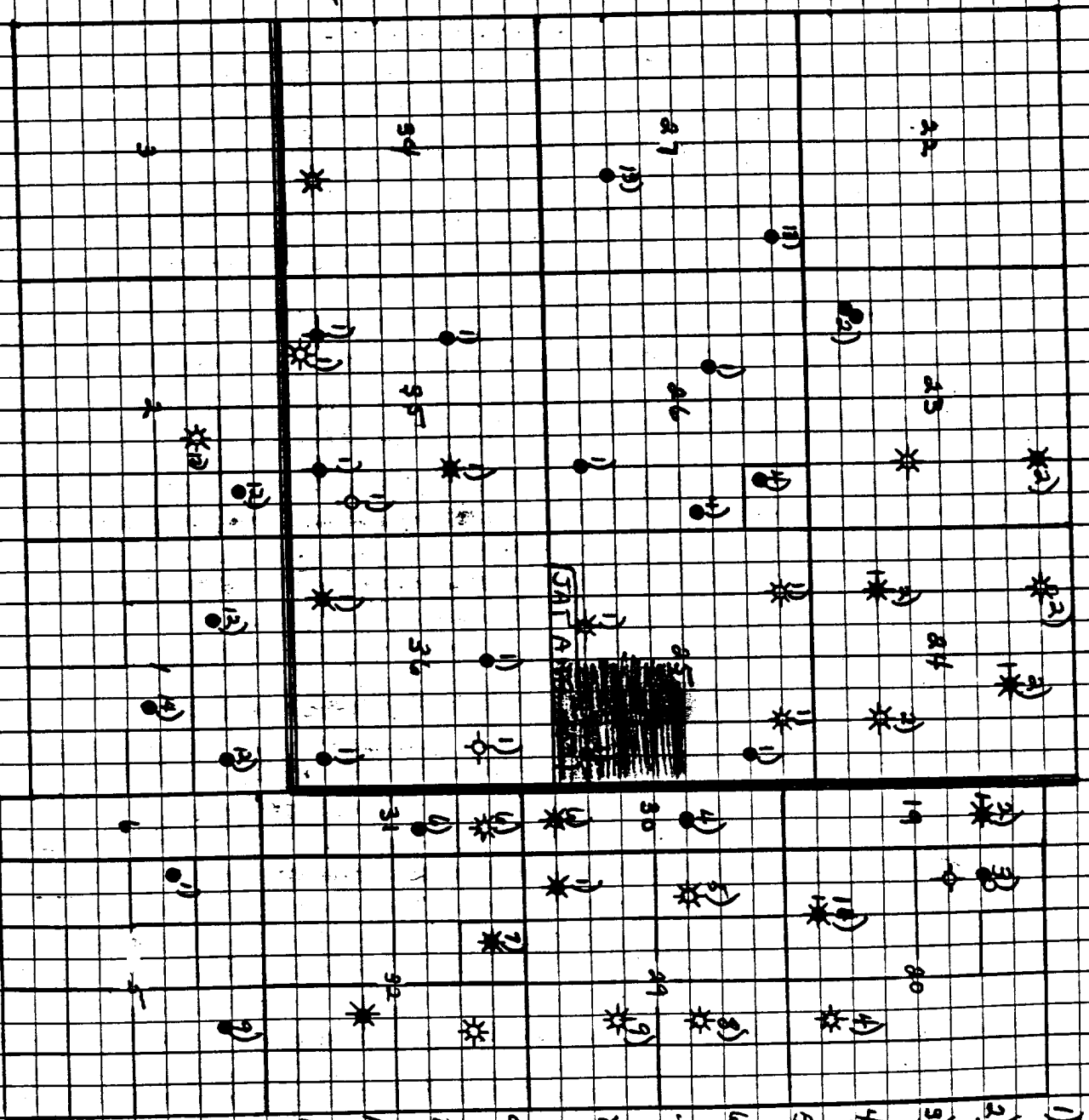
\* TAPATIO PC

\* GAL/DK

\* Plugged oil  
 well

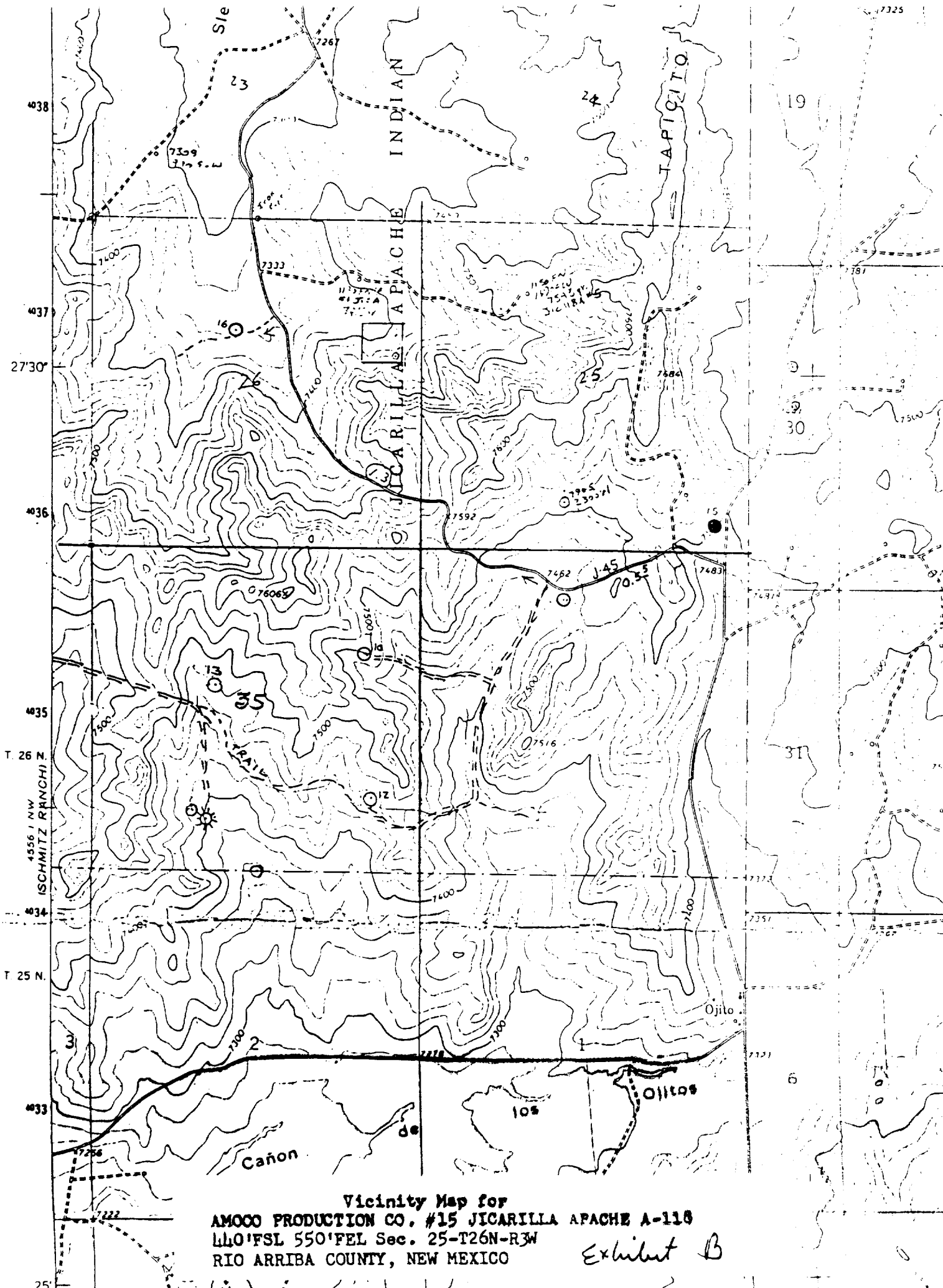
\* Plugged gas  
 well

SHADED AREA IS DESIGNATED ACREAGE.



- 1) MW Petroleum
- 2) MERIDIAN OIL CO.
- 3) MERIDIAN OIL & GAS
- 4) ROBERT L. BAYLESS
- 5) REMOND & BATES
- 6) DOME OIL
- 7) MOUNTAIN STATES
- 8) WESTERN OIL & MINES
- 9) MESA GRANDE
- 10) G. MERIDIAN
- 11) DUGAN PRO.
- 12) MULE EAGLE
- 13) GRANT EPP
- 14) TEXACO

200



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

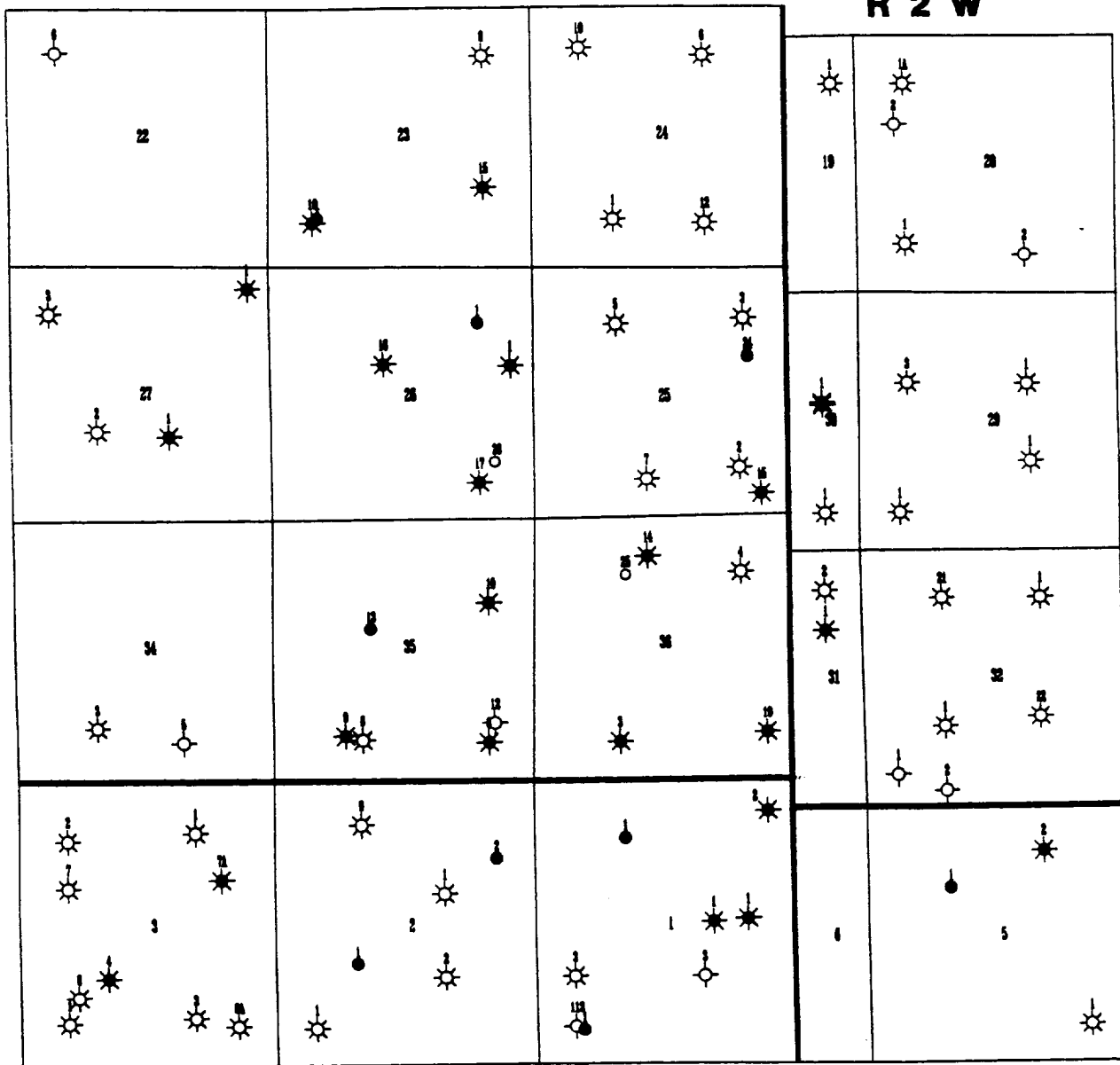
Exhibit B

**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