

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. JIC 462		
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
2. NAME OF OPERATOR Mallon Oil Company		7. UNIT AGREEMENT NAME N/A		
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		8. FARM OR LEASE NAME, WELL NO. Jicarilla 462-22 No. 3		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 792' FNL and 1461' FWL (NE/NW) Unit C At proposed prod. zone 792' FNL and 1461' FWL (NE/NW) Unit C		9. API WELL NO. 30-039-24000		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 53 miles east of Bloomfield, New Mexico		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs		
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 792' (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T30N-R03W		
16. NO. OF ACRES IN LEASE 1920		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'		19. PROPOSED DEPTH 4500'		
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7256' GR		
22. APPROX. DATE WORK WILL START 08/25/98		23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Circulate to surface
7-7/8"	5-1/2"	15.5#	4500'	570 sks

Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit 1: Blow Out Preventor Equipment/Plan  
Exhibit A: Location and Elevation Plat  
Exhibit B: Roads and Pipelines  
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout  
Exhibit E: Production Facilities  
Exhibit F: H2S Contingency Plan  
Exhibit G: Environmental Assessment

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new 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: Terry Lindeman TITLE: Operations Superintendent DATE: 08/11/98

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: (Original Signed) HECTOR A. VILLALOBOS TITLE: Asst. Field Mgr DATE: OCT 20 1998

\*See Instructions On Reverse Side

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

# **DRILLING PROGRAM**

Attached to Form 3160-3

Mallon Oil Company

**Jicarilla 462-22 No. 3**

792' FNL and 1461' FWL (NE/NW) Unit C

Sec. 22, T30N-R3W

Rio Arriba County, New Mexico

**LEASE NUMBER: JIC462**

**1. Geologic name of surface formation:** San Jose

**2. Estimated tops of important geologic markers:**

San Jose	Surface
Nacimiento	2600'
Ojo Alamo	3230'
Kirtland	3458'
Fruitland	3478'
Pictured Cliffs	3468'
Lower P.C.	4017'
Total Depth	4500'

**3. Estimated depths of anticipated fresh water, oil, or gas:**

San Jose	1500'	Gas
Nacimiento	2600'	Gas
Ojo Alamo	3230'	Gas
Fruitland	3478'	Gas
Pictured Cliffs	3768'	Gas

No other formations are expected to give up oil, gas, or fresh water in measurable quantities.  
The surface fresh water sands will be protected by setting 8-5/8" casing at 500' and circulating cement back to surface.

**4. Proposed casing program:**

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Casing weight, grade, thread</u>
12-1/4"	0-500'	8-5/8"	24 lb/ft, K55, ST&C
7-7/8"	0-4500'	5-1/2"	15.5 lb/ft, K55, LT&C

**Cement program:**

8-5/8" surface casing: Cemented to surface with 350 sks Class B containing 2% CaCl<sub>2</sub>, 0.25 lb/sk Cello Seal, slurry to be mixed at 15.6 lb/gal, yield 1.18 cu ft/sk. Circulate cement to surface.

5-1/2" production casing: Lead slurry 300 sks 65/35 mixed at 13.4 lb/gal, 1.62 cu ft/sk, 30% excess. Tail with 270 sks 50/50 POZ, containing 1/4 lb/sk Cello Seal mixed at 14.15 lb/gal, 1.26 cu ft/sk, 30% excess.

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 CopiesDISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26000		*Pool Code 7240P	*Pool Name E Blanco PC
*Property Code 23821	*Property Name JICARILLA 462-22		*Well Number 3
*OGRID No. 13925	*Operator Name MALLON OIL COMPANY		*Elevation 7256'

## 10 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	22	30-N	3-W		792	NORTH	1461	WEST	RIO ARRIBA

## 11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

FD. 1917 U.S.G.L.O. B.C.

N 88-53-04 E 2594.85'  
1298'

FD. 1917 U.S.G.L.O. B.C.

FD. 1917 U.S.G.L.O. B.C.

## 17 OPERATOR CERTIFICATION

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

Signature

Terry Lindeman

Printed Name

Operations Superintendent

Title

August 11, 1998

Date

## 18 SURVEYOR CERTIFICATION

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

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

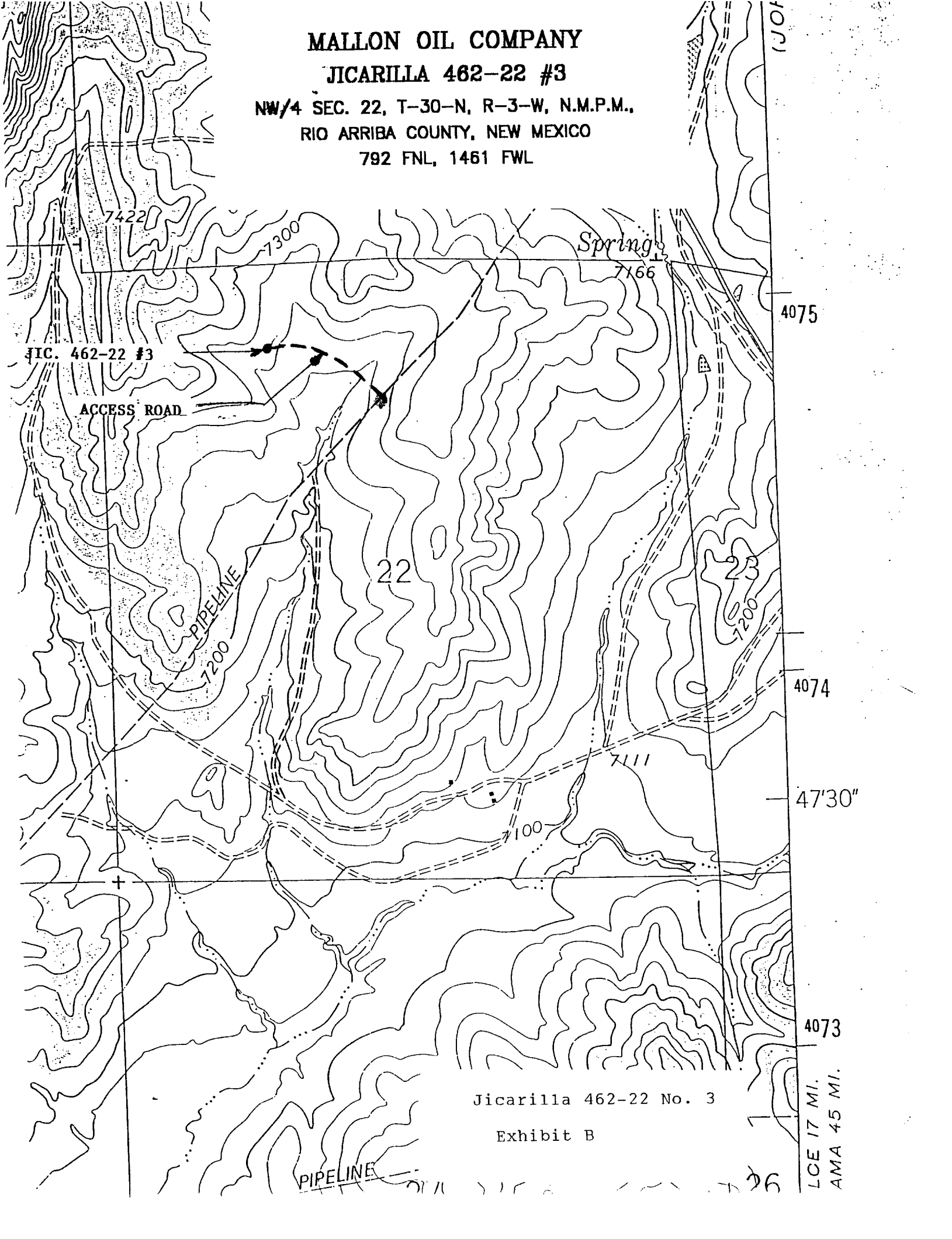
FD. 1917 U.S.G.L.O. B.C.

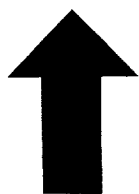
22

RECEIVED  
OCT 22 1998  
OIL CON. DIV.  
DIST. 3

792 FNL, 1461 FWL

LCE 17 MI.  
AMA 45 MI.





**LTR**



**Job separation sheet**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other:	5. Lease Designation and Serial No. Jic 462
2. Name of Operator Mallon Oil Company	6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302 (970)382-9100	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 792' FNL and 1461' FWL (NE/NW) Unit C Sec. 22, T30N-R03W	8. Well Name and No. Jicarilla 462-22 No. 3
	9. Well API No. 30-039-26000
	10. Field and Pool, or Exploratory Area East Blanco; Pictured Cliffs
	11. County or Parish, State Rio Arriba, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other: Extension of APD
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion 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 zone.)

Mallon Oil Company request a one (1) year extension on the Application for Permit to Drill on the above well.



14. I hereby certify that the foregoing is true and correct

Signed Gay Davis Title Office Manager Date 9/28/00

(THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE)

Approved B [Signature] Title Lands and Mineral Resources Date OCT 11 2000

Conditions of approval, if any:

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

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10. Field and Pool, or Exploratory Area  
East Blanco; Pictured Cliffs

11. County or Parish, State  
Rio Arriba, New Mexico

SUBMIT IN TRIPLICATE

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☐ Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator  
Mallon Oil Company

3. Address and Telephone No.  
P.O. Box 2797 Durango, CO 81302 (970)382-9100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
792' FNL and 1461' FWL (NE/NW) Unit C  
Sec. 22, T30N-R03W

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TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other: Extension of APD ☐ Dispose Water

(Note: Report results of multiple completion on Well  
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