

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other 1
rev. (one on
e)

30-025-30500

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐OCT 5 11:03 AM '88
PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Foy and Middlebrook

3. ADDRESS OF OPERATOR

310 W. Texas Suite 210, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

1980' FSL & 1980' FEL, Center of, NW/4 SE/4, Unit J
At proposed prod. zone

same

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

14 air miles South of Maljamar

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH
3500'20. ROTARY OR CABLE TOOLS
Rotary

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

Gr 3584.7'

22. APPROX. DATE WORK WILL START*

November 10, 1988

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	850'	Circulated
1 7/8"	5 1/2"	14#	3500'	Circulated

It is proposed to drill a straight hole to test the Yates formation for oil and/or gas production. Attached are location and acreage dedication plats, supplemental drilling data, and a surface use and operation plan.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 prevention program, if any.

SIGNED

TITLE

Partner

DATE

9-30-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

11-8-88

CONDITIONS OF APPROVAL, IF ANY:

N. MEXICO OIL CONSERVATION COMMISS.
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-85

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

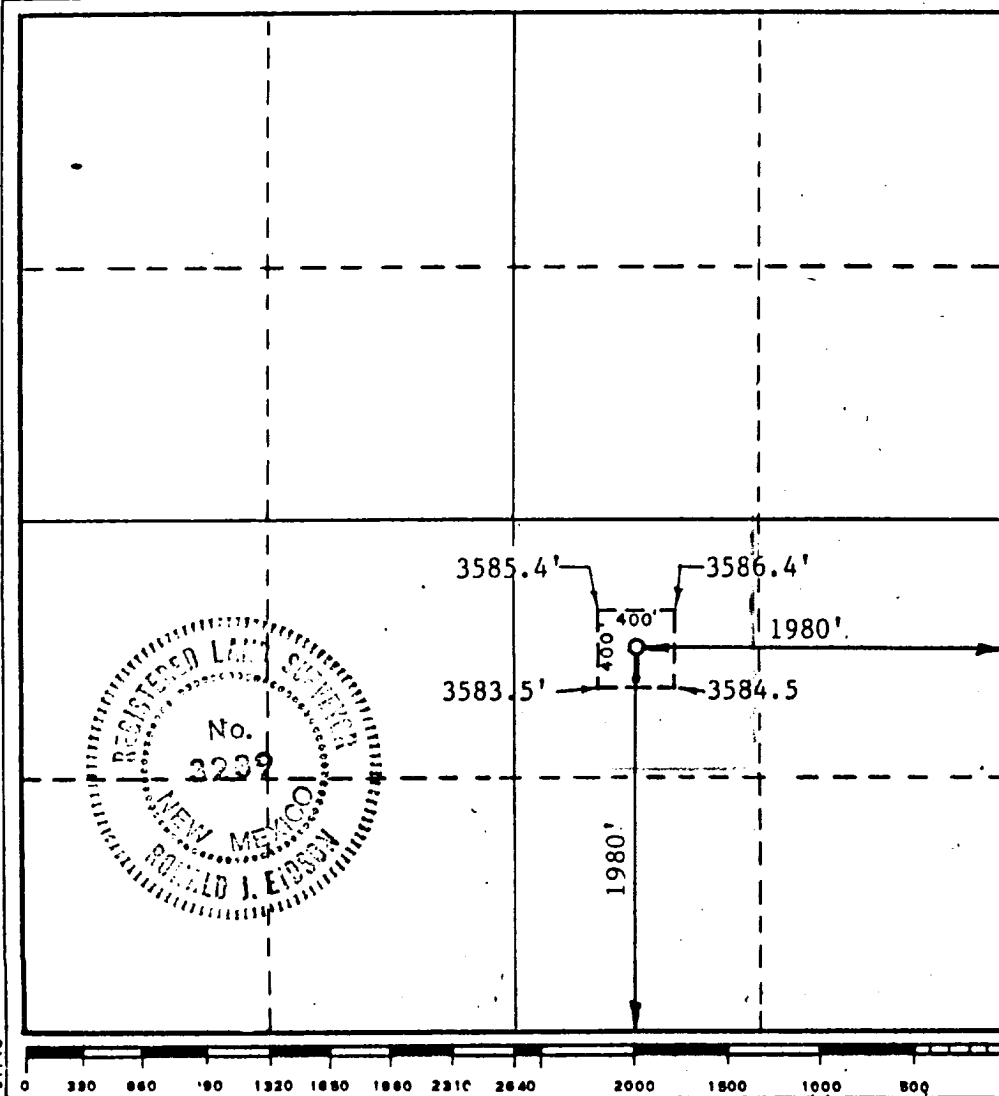
Operator FOY & MIDDLEBROOK			Lease LUSK-FEDERAL		Well No. 1
Unit Letter J	Section 18	Township 19 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3584.7'	Producing Formation Yates		Pool Lusk (Yates) SR	Dedicated Acreage: 40 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.

Name Steve R Foy
 Position Partner
 Company Foy and Middlebrook
 Date 9-30-88

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
September 27, 1988
 Registered Professional Engineer and/or Land Surveyor
Ronald J. Eidson
 Certificate No. **JOHN WEST, 676**
RONALD J. EIDSON, 3239

SUPPLEMENTAL DRILLING DATA

Foy and Middlebrook
Lusk-Federal #1
1980' FSL & 1980' FEL
Section 18, T-19-S, R-32-E
Lea County, New Mexico

The following is in accordance with the Onshore Oil and Gas Order No. 1.

1. Surface Formation: Quaternary Alluvium

2. Estimated Geological Formation Tops:

Rustler 800'

Yates 3200'

3. Estimated Depths to Oil, Gas and Water:

Water 200'

Oil and Gas 3200'

4. Proposed Casing and Cement Program:

Surface Casing: Set 850' of 8 5/8", 24#, J-55. ST&C casing.
Pump sufficient volume to circulate cement to surface.

Production Casing: Set to total depth 5 1/2", 14#, J-55, ST&C casing. Pump with sufficient volume to tie cement into surface casing.

5. Pressure Control Equipment: B.O.P. sketch is attached.

6. Testing, Coring and Logging Programs:

All possible oil and gas zones bearing zones will be tested by conventional drillstem tests.

Compensated Density with Gammaray and Dual Laterlog will be recorded from surface casing to TD.

A wellsite geologist will evaluate and log all drilling samples from the wellbore from surface casing to TD.

7. Auxiliary Equipment: A Kelly cock will be installed on the rig while drilling operations are in progress.

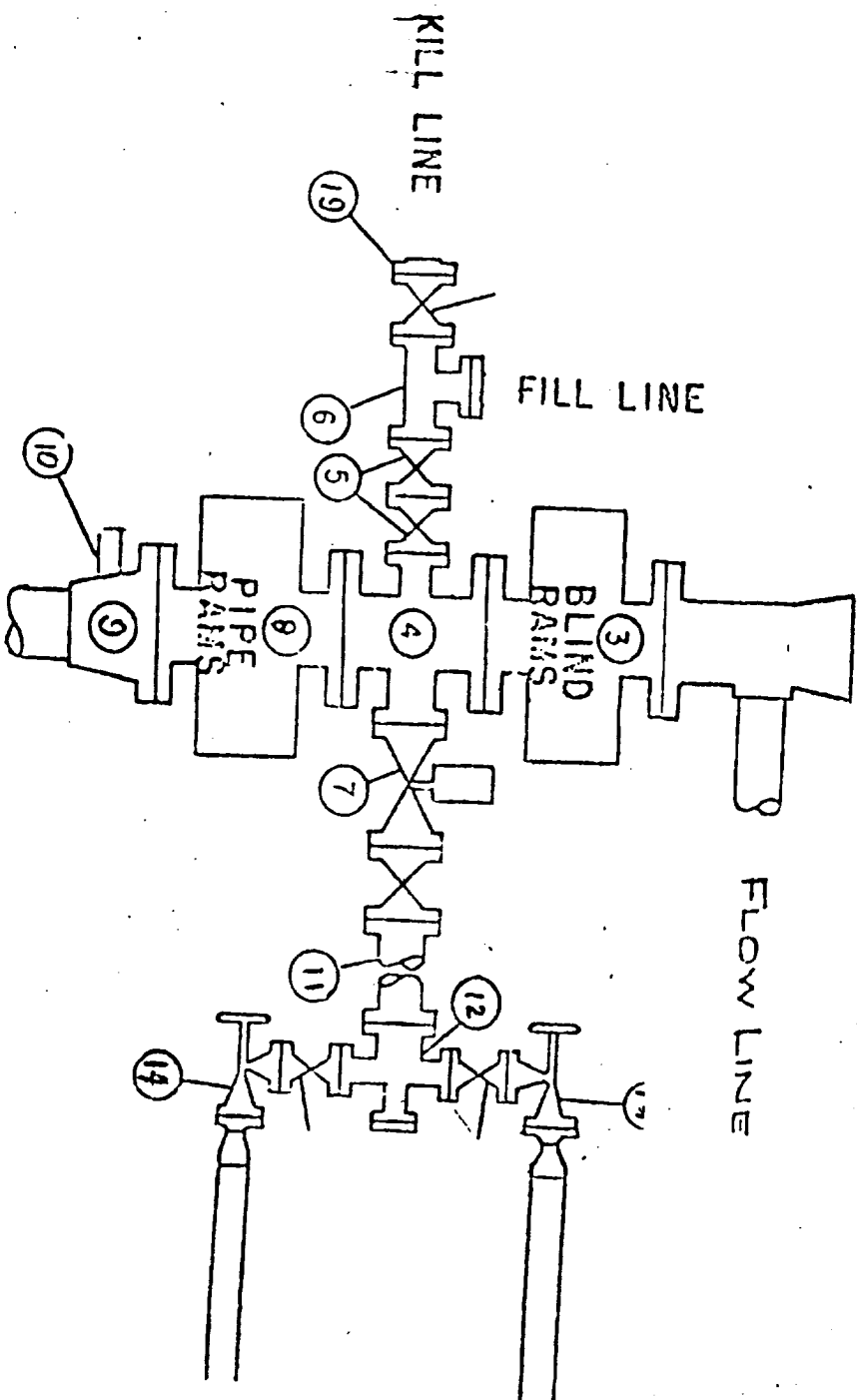
8. Proposed Mud Program:

0 - 850'	Fresh Water
850' - 3000'	Native Mud (Fresh Water & Red Beds)
3000 - TD	Native Mud with starch.

9. Potential Hazards: No abnormal pressure or temperature zones are anticipated.

10. Anticipated Starting Date: Drilling operations will commence November 10, 1988. Completion operations will begin immediately after drilling is completed.

BLOWOUT PREVENTER SPECIFICATION



3,000 PSI Working Pressure

1. Location of Proposed well:

Exhibit "A" is a map displaying the proposed well as staked. The location is approximately 14 air miles south of Majamar, New Mexico.

2. Planned Access Roads:

A. Planned access road is shown on Exhibit "A".

B. The new access road will measure twelve feet wide and will be approximately 900' in length. The road will enter the southwest corner of the drill pad.

3. Location of Existing Wells:

Exhibit "B" displays the location of existing wells within the immediate area.

4. Location of Proposed Production Facilities:

If the test well proves commercial, production facilities will be constructed on the drill pad.

5. Location and Type of Water Supply:

Water for drilling and completion of the well will be trucked in from a nearby commercial source.

6. Source of Construction Materials:

A. Due to the brief amount of time needed to drill this well (estimated 8 days) and limited amount of traffic, caliche from the digging of the mud pits will be used for the pad and road. At the completion of the well, additional caliche to maintain the road and production facilities will be purchased and brought in from the BLM caliche pit located in the NE/NE sec. 30, T-19-S, R-32-E, pit # NM 68361, 87/310.

7. Methods of Handling Waste Disposal:

A. Drill cuttings will be disposed of in the reserve pits.

B. Drilling fluids will be allowed to evaporate in the reserve pits, until the pits are dry.

(915) 687-0144

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist, that the statements made in this plan are, to the best of my knowledge, true and correct, and that the

work associated with the operations proposed will be performed by Foy and Middlebrook and its sub-contractors in conformity with this plan and the terms and conditions which it is approved.

10-11-88

DATE

Steven R. Foy

Steven R. Foy
General Partner
Foy and Middlebrook

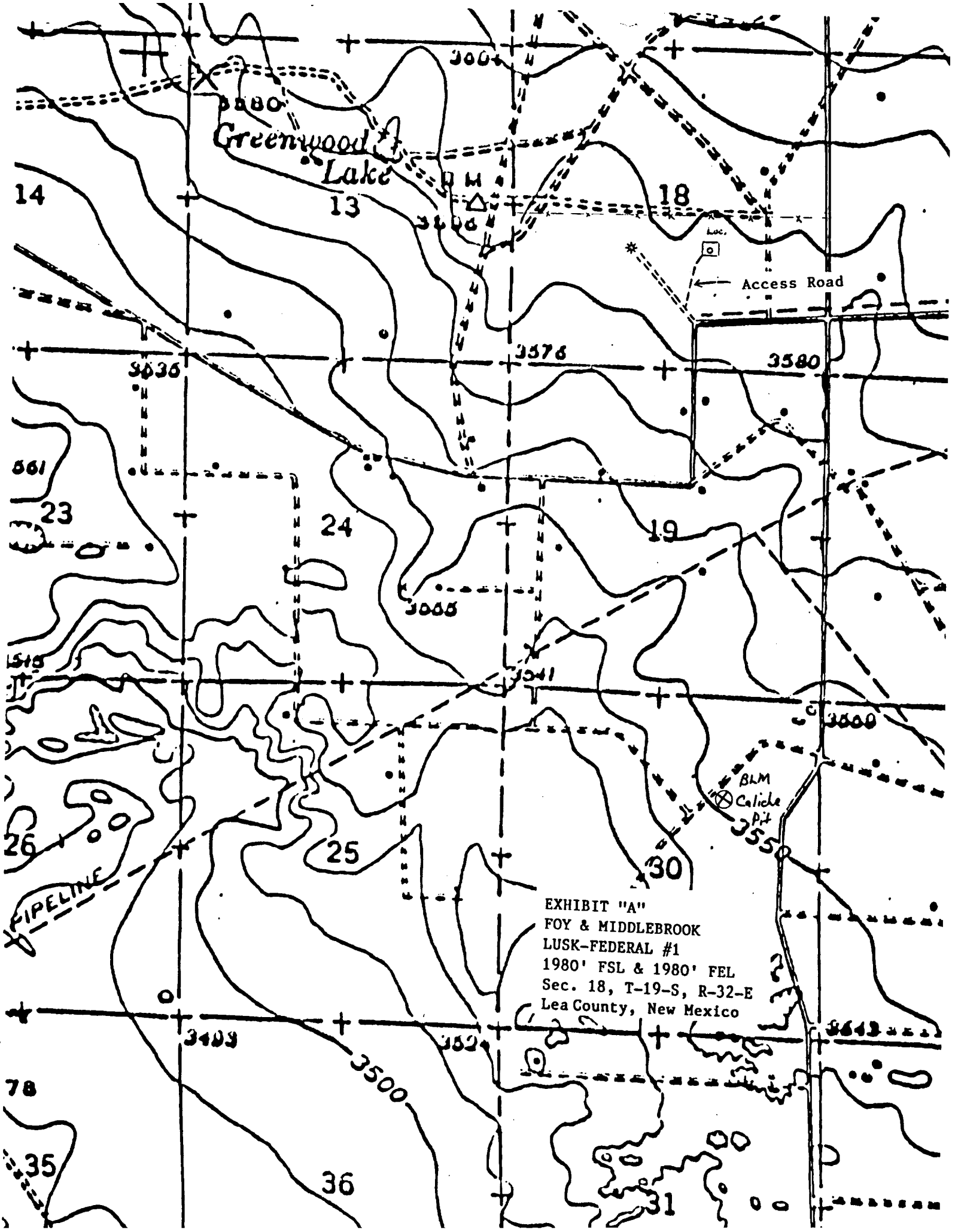
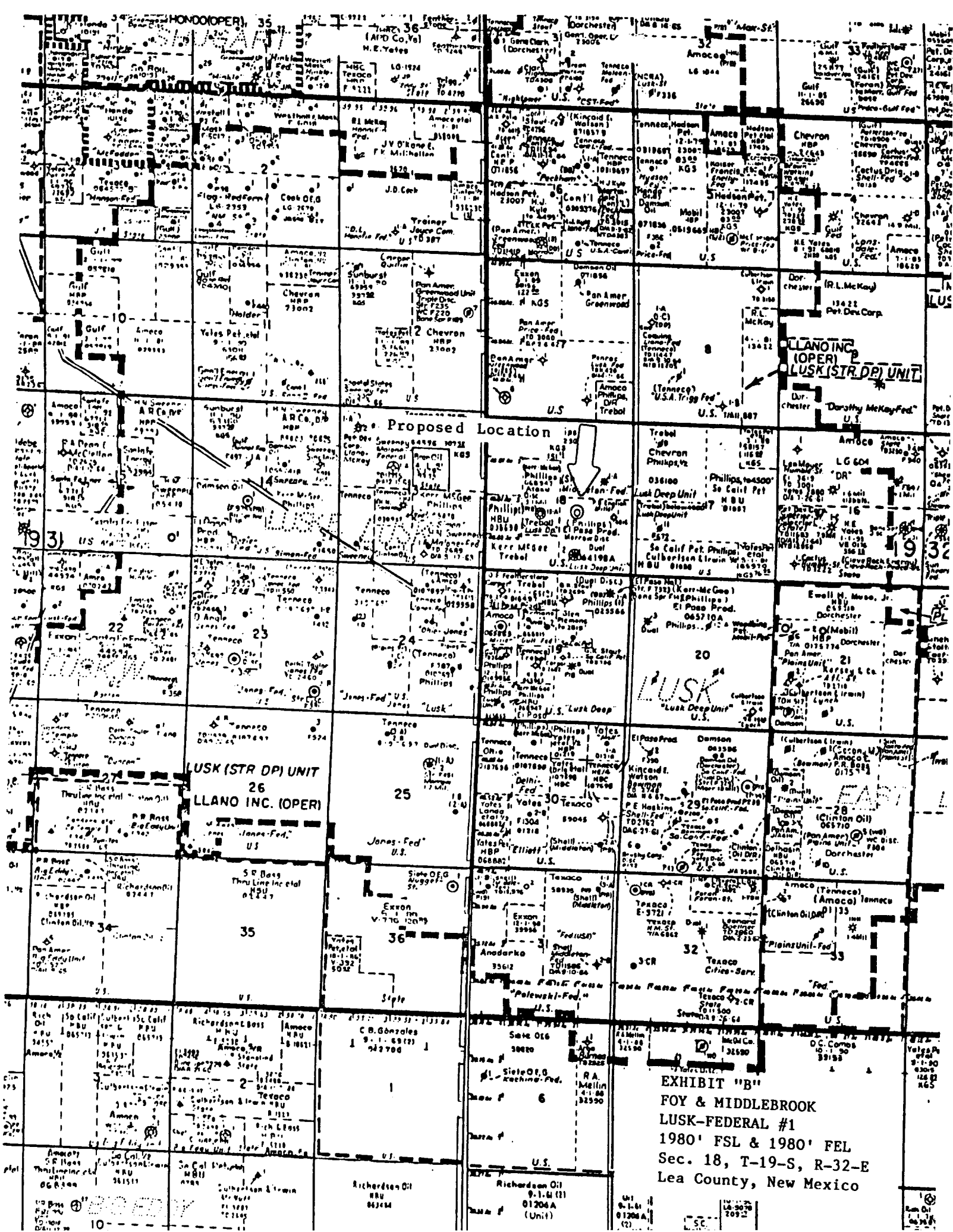


EXHIBIT "A"
FOY & MIDDLEBROOK
LUSK-FEDERAL #1
1980' FSL & 1980' FEL
Sec. 18, T-19-S, R-32-E
Lea County, New Mexico



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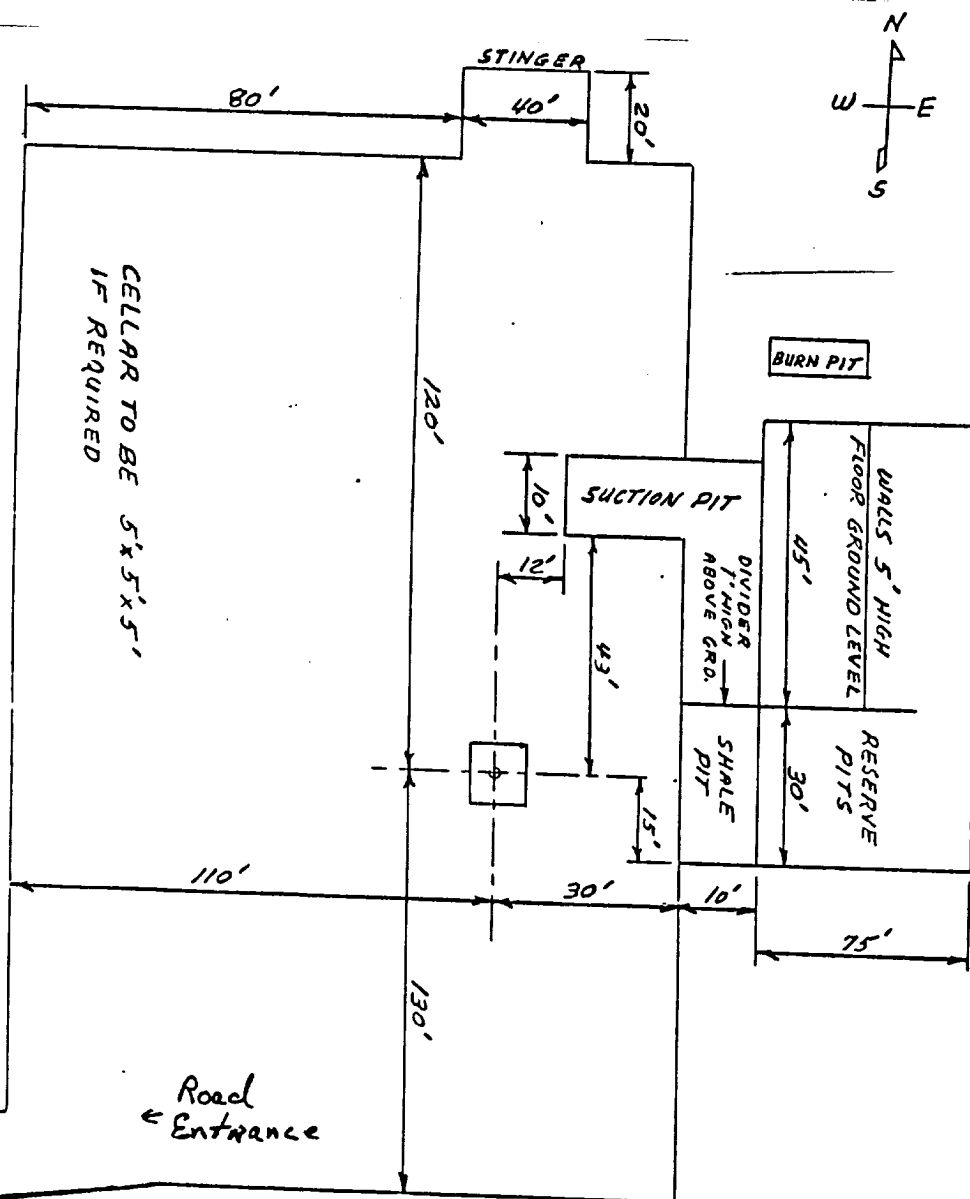


EXHIBIT "C"
 FOY & MIDDLEBROOK
 LUSK-FEDERAL #1
 1980' FSL & 1980' FEL
 Sec. 18, T-19-S, R-32-E
 Lea County, New Mexico

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