

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLA
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

45F

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Mallon Oil Company		8. FARM OR LEASE NAME Amoco Federal	
3. ADDRESS OF OPERATOR 1099 18th Street, Ste. 2750, Denver, CO 80202		9. WELL NO. #13	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 760' FNL & 660' FEL of Section 28		10. FIELD AND POOL, OR WILDCAT Undes. Brushy Draw Delaware	
11. SEC., T., R., N., OR S.W. AND SUBST. OR AREA Sec. 28, T26S, R29E		12. COUNTY OR PARISH Eddy	
13. STATE NM		14. PERMIT NO.	
15. ELEVATIONS (Show whether SP, ST, OR, etc.) 2893.4 GL		16. COUNTY OR PARISH Eddy	
17. STATE NM		18. COUNTY OR PARISH Eddy	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Spud and set surface casing

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)

10-3-87 Spud well and cement casing. Will submit additional data as obtained.

RECEIVED
OCT 26 12 27 PM '87
CARLSBAD RESOURCE
AREA HEADQUARTERS

ACCEPTED FOR RECORD

SJS

CARLSBAD, NEW MEXICO

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

SIGNED [Signature]

TITLE Engineer

DATE 10-19-87

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well also conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
(Other instructions on
reverse side)

30-015-25810
LEASE DESIGNATION AND SERIAL NO.

NM-38636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AMOCO FEDERAL

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

UNDES. BRUSHY DRAW DELAWARE

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

SEC. 28, T. 26 S., R. 29 E.

12. COUNTY OR PARISH

EDDY

13. STATE

NEW MEXICO

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

MALLON OIL COMPANY

3. ADDRESS OF OPERATOR

1099 18TH STREET, SUITE 2750, DENVER, COLORADO 80202

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

At surface

760' FNL AND 660' FEL OF SECTION 28

At proposed prod. zone

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

16 AIR MILES SOUTH-SOUTHEAST OF MALAGA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

1318.02

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.

1650'

19. PROPOSED DEPTH

5200'

20. ROTARY OR CABLE TOOLS

ROTARY

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

2893.4 GL

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23.

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#	400'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	14#	5200'	300 SACKS

AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND
STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA

BOP SKETCH

SURFACE USE AND OPERATIONS PLAN

POST ID #1
NL& API
9-25-87

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 preventer program, if any.

24.

SIGNED

Arthur R. Brown

TITLE

Agent

DATE September 8, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

9/21/87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

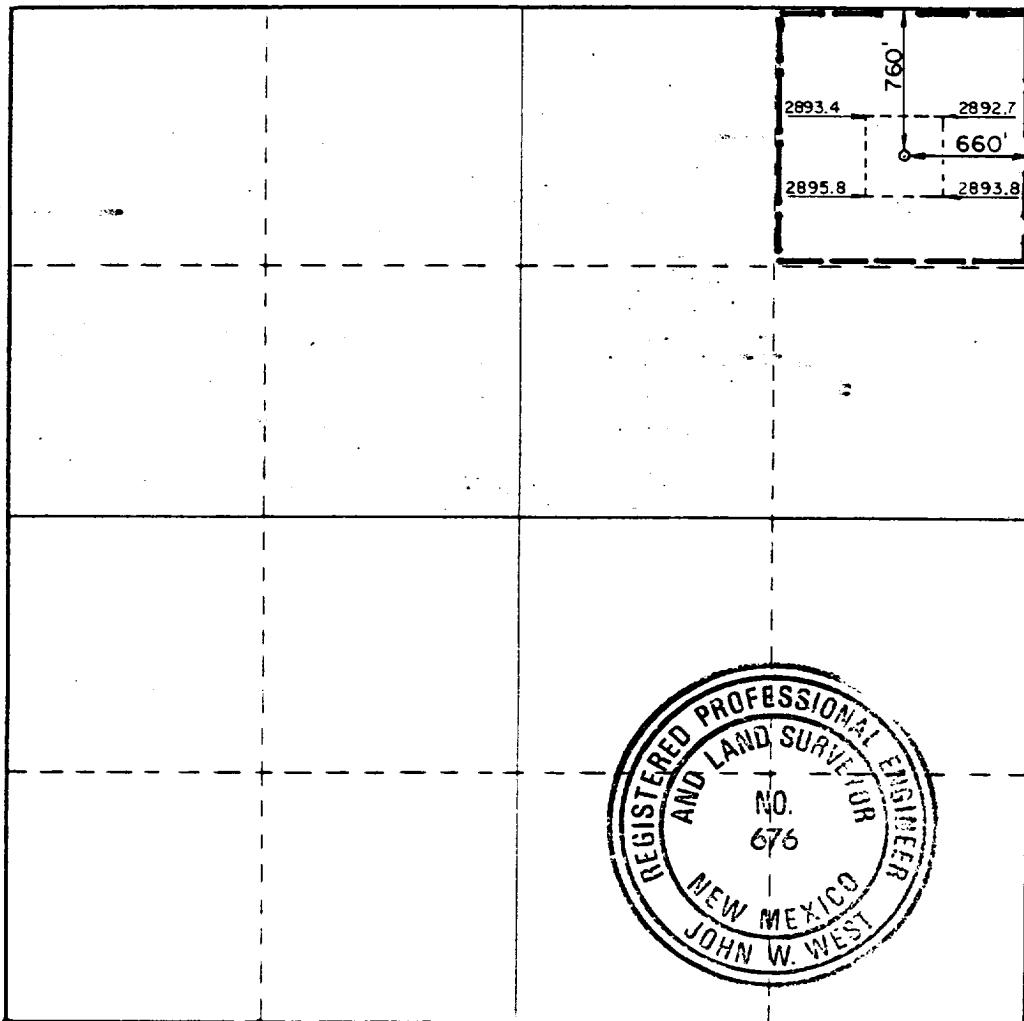
Operator Mallon Oil Company		Lease Amoco Federal		Well No. 13
Tract Letter A	Section 28	Township 26-S	Range 29-E	County Eddy
Actual Footage Location of Well: 760 feet from the North line and 660 feet from the East line				
Ground Level Elev. 2893.4	Producing Formation DELAWARE	Pool UNDES. BRUSHY DRAW DELAWARE	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 Arthur R. Brown
Position
Agent

Company
MALLON OIL COMPANY

Date
September 8, 1987

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 4, 1987

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

SUPPLEMENTAL DRILLING DATA

MALLON OIL COMPANY WELL NO.13 AMOCO FEDERAL

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	300'
Delaware	2870'
Bell Canyon	2900'
Cherry Canyon	3700'
Brushy Canyon	5150'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Cherry Canyon	Oil
---------------	-----

4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
8-5/8"	0	400'	24#	K-55	STC
5-1/2"	0	5200'	14#	K-55	STC

8-5/8" casing will be cemented with approximately 250 sacks of Class "C" cement. Cement to circulate.

5-1/2" casing will be cemented with approximately 300 sacks of cement.

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

5. PRESSURE CONTROL EQUIPMENT:

A 3000 psi working pressure, double ram type preventer will be in use while drilling below the surface casing.

A BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 400 feet: Fresh water with gel or lime as needed for viscosity control.

400 feet to Total Depth: Cut brine conditioned as necessary for control of viscosity, pH, and water-loss. Weighted as necessary for well control.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor while drilling operations are in progress.

8. TESTING, LOGGING, AND CORING PROGRAMS:

Drill stem tests will be made when samples, drilling time, and other data indicate a test is warranted.

It is planned that electric logs will include GR-CNL logs.

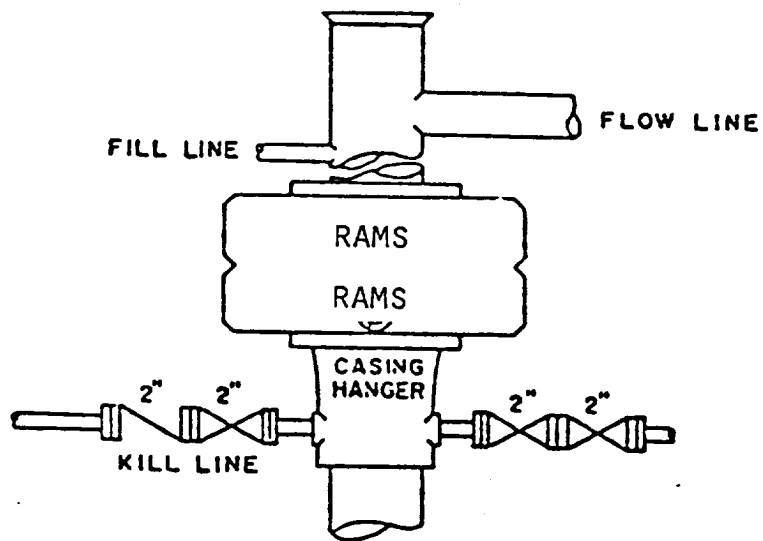
No coring is planned.

9. ABNORMAL PRESSURES, TEMPERATURES, OR HYDROGEN SULFIDE GAS:

No abnormal pressures or temperatures are anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that work will commence upon approval of this application, with drilling and completion operations lasting about 30 days.



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

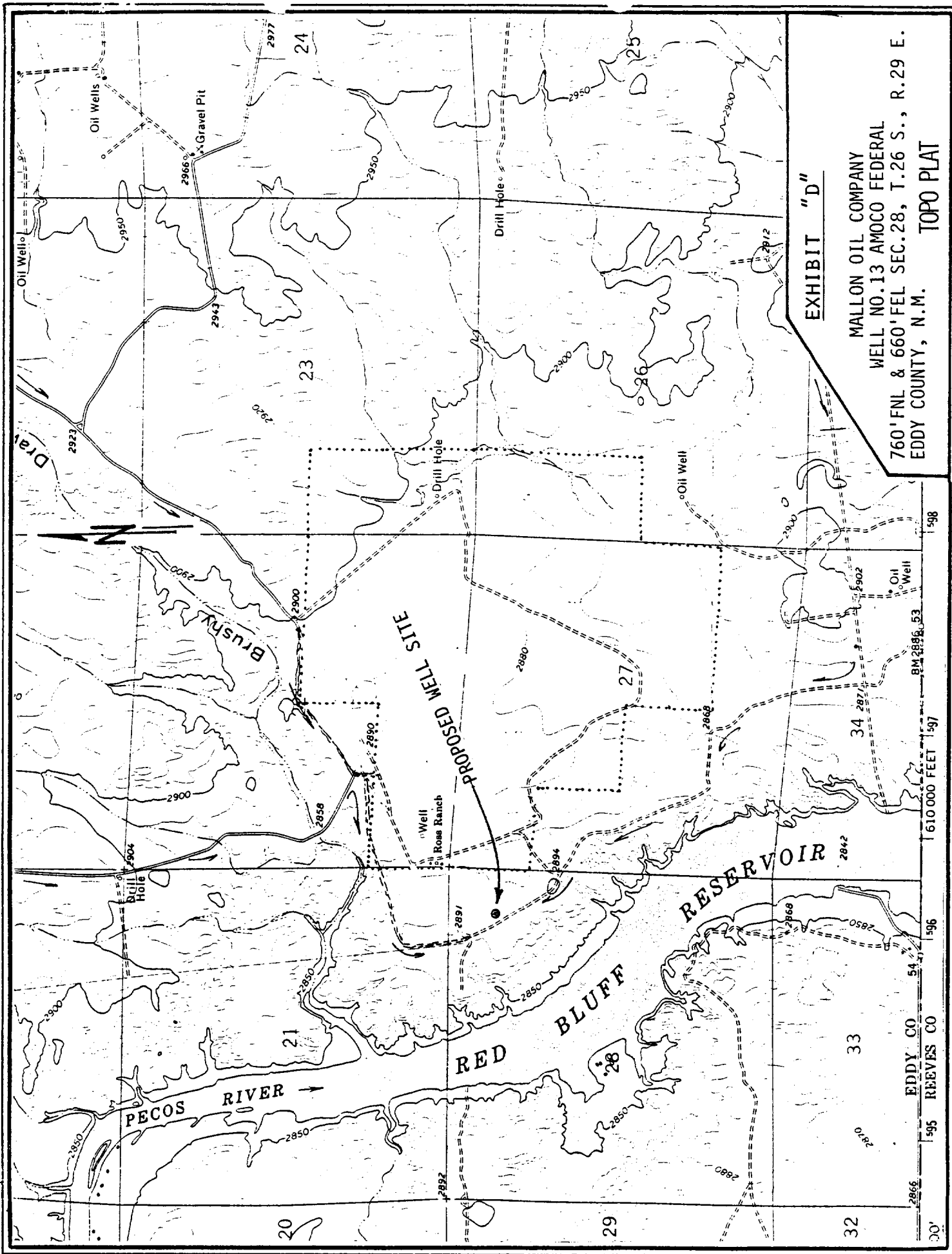


EXHIBIT "D"

MALLON OIL COMPANY
WELL NO. 13 AMOCO FEDERAL
760' FNL & 660' FEL SEC. 28, T. 26 S., R. 29 E.
EDDY COUNTY, N.M. TOPO PLAT

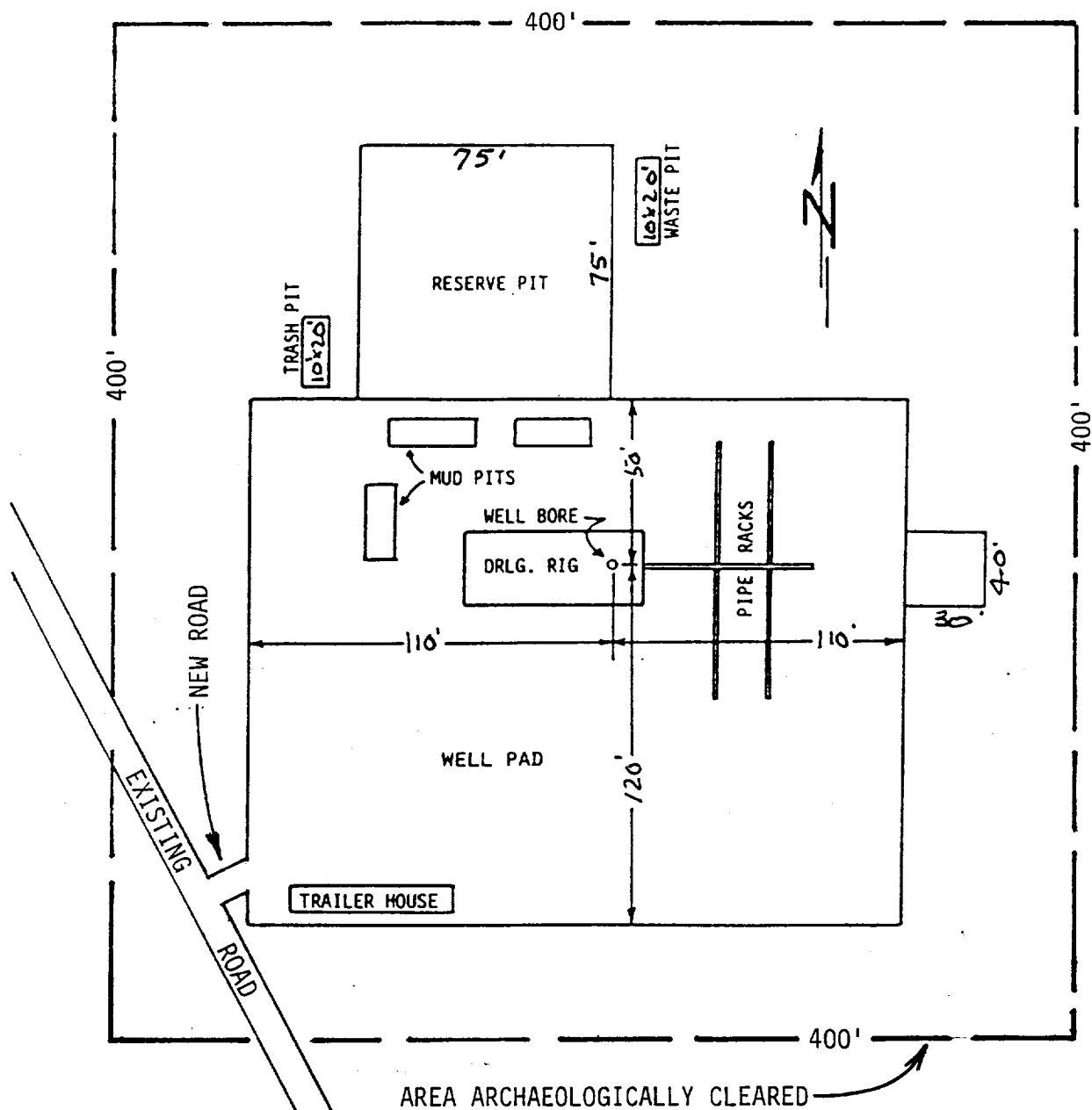
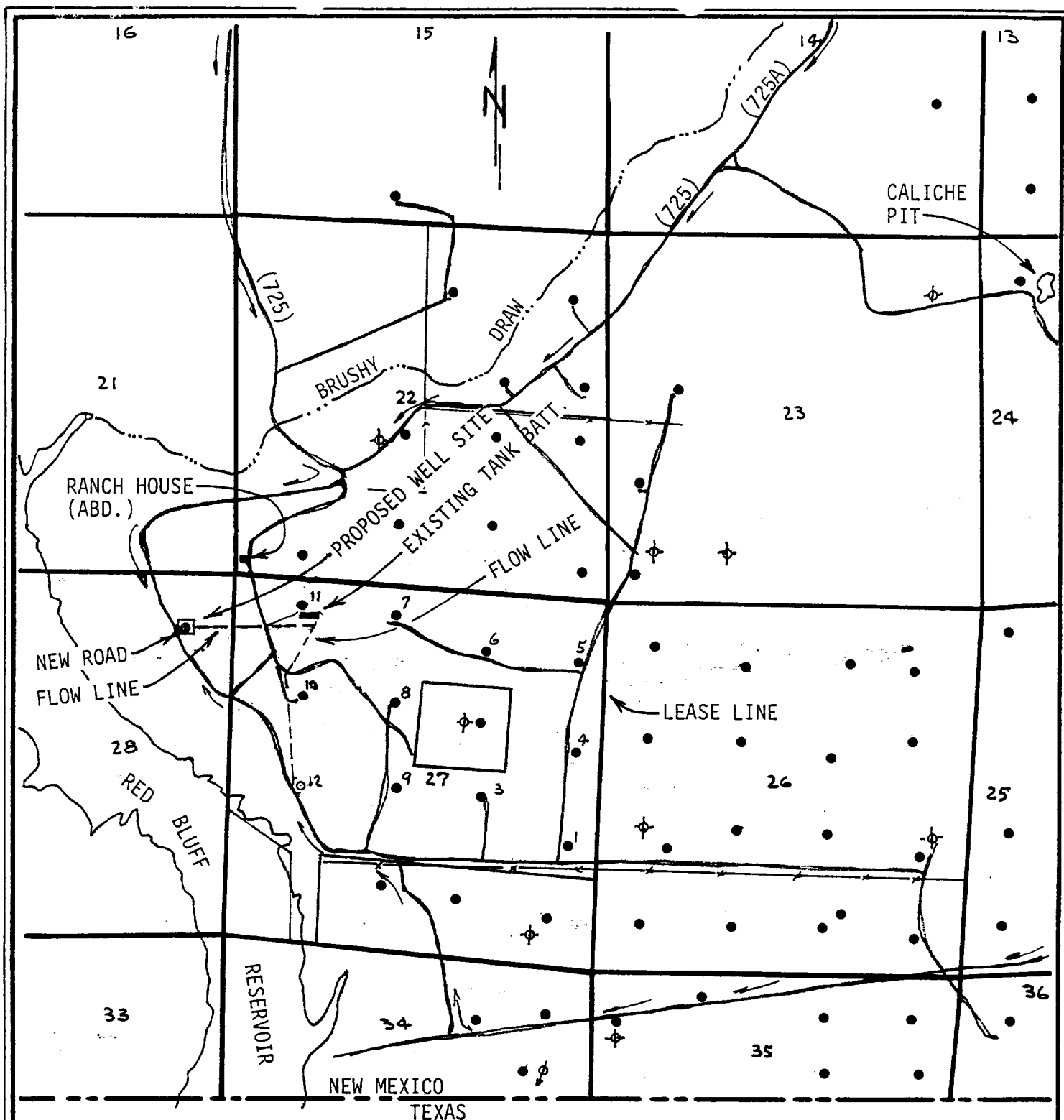


EXHIBIT "C"

MALLON OIL COMPANY
WELL NO. 13 AMOCO FEDERAL
DRILLING RIG LAYOUT
SCALE: None



LEGEND:

- Oil Well
- ★ Gas Well
- ⊕ Plugged Well
- Proposed Well
- Existing Road
- Proposed New Road
- - - Proposed Flow Line

EXHIBIT "B"

MALLON OIL COMPANY
 WELL NO.13 AMOCO FEDERAL
 760'FNL & 660'FEL SEC.28, T.26 S., R.29 E.
 EDDY COUNTY, N.M. SCALE: 1" = 2000'