

# N. M. Oil Cons. Division

ARTESIA, NM 87003

Form 3160-3

(July 1992)

SUBMIT IN TRIPLICATE

(Other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0136

Expires February 28, 1995

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

### APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

Drill ☒

Deepen ☐

b. TYPE OF WELL

Oil Well ☒

Gas Well ☐

Other ☐

Single Zone ☐

Multiple Zone ☐

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 3256

Carlsbad, NM 88220

(505) 885-4596

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

At surface

1980' FNL and 1980' FEL (SW NE) Unit G

At proposed prod. zone

1980' FNL and 1980' FEL (SW NE) Unit G

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

23 miles south of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED \*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT

1980'

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

16. NO. OF ACRES IN LEASE

1080

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

5500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.)

3406' GR

22. APPROX. DATE WORK WILL START

October 31, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	.25" wall	40'	
12-1/4"	8-5/8"	28#/32#	500'	Circ. to surface
7-7/8"	5-1/2"	15.5#/17#	5500'	1085 sks cmt

**CARLSBAD CONTROLLED WATER BASIN**

Mallon Oil Company proposes to drill to a depth sufficient to test the Delaware formation for oil. 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: Existing Roads/Planned Access Roads

Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout

Exhibit E: Production Facilities

Exhibit F: Archaeological Clearance

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 preventor program, if any.

24.

SIGNED

Duane C. Winkler

TITLE:

Operations Manager

DATE

09/17/97

(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

(ORIG. SGD.) TONY L. FERGUSON

TITLE

ADM, MINERALS

DATE

10-14-97

\*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.

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Arisema, NM 88211-0719

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-29896</b>	Pool Code <b>96674</b>	Pool Name <b>W. Black River Delmar</b>
Property Code	Property Name <b>WADI "9" FEDERAL</b>	Well Number <b>6</b>
OGRID No.	Operator Name <b>MALLON OIL COMPANY</b>	Elevation <b>3406</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	9	24 S	26 E		1980	NORTH	1980	EAST	EDDY

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

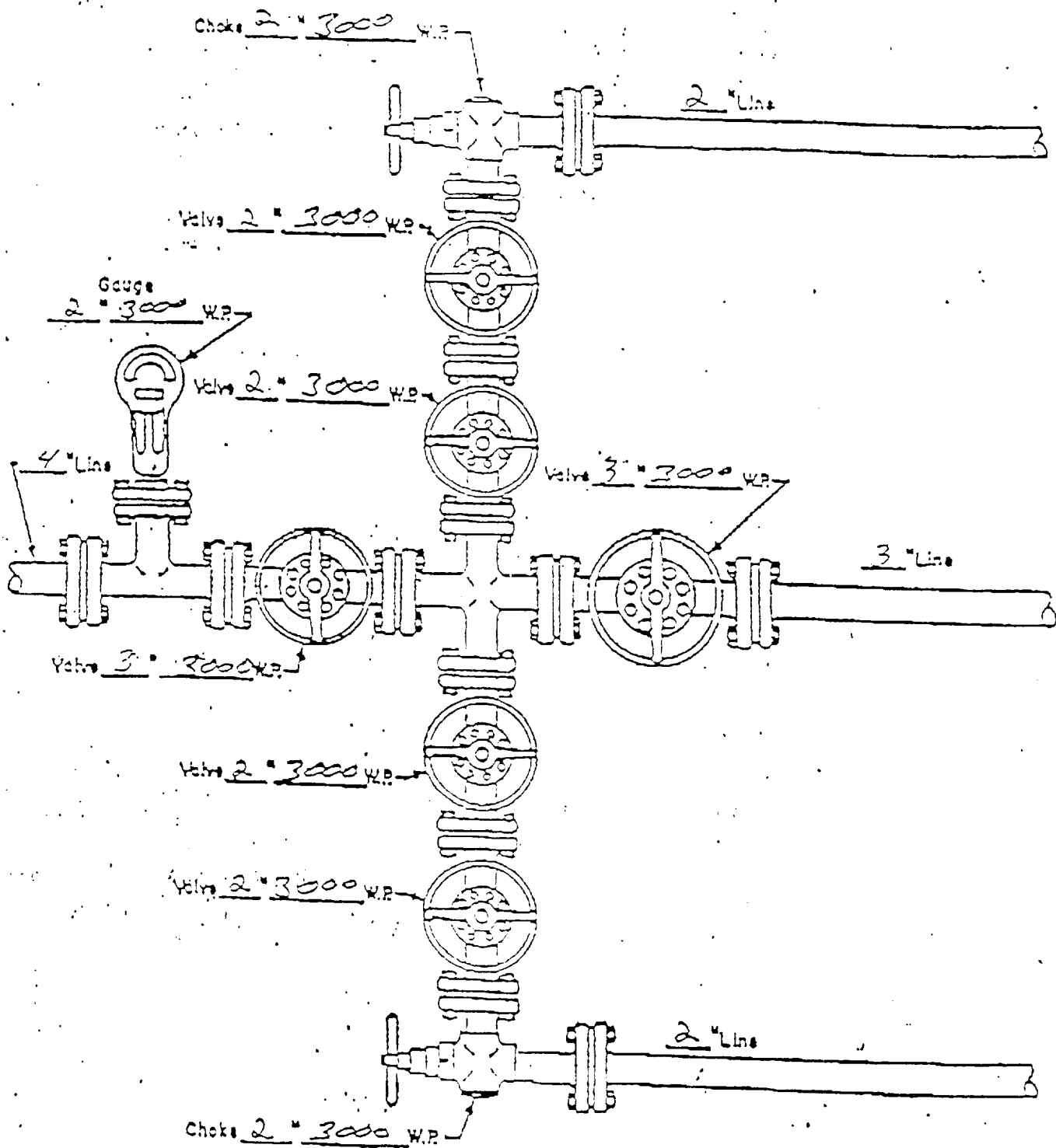
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>40</b>			

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Duane C. Winkler</i> Signature</p> <p>Duane C. Winkler Printed Name</p> <p>Operations Manager Title</p> <p>9/17/97 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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 belief.</p> <p>SEPTEMBER 4, 1997 Date Surveyed</p> <p><i>Ronald J. Eidson</i> Signature &amp; Seal of Professional Surveyor</p> <p>W.O. Num: 97-11-1451</p> <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>
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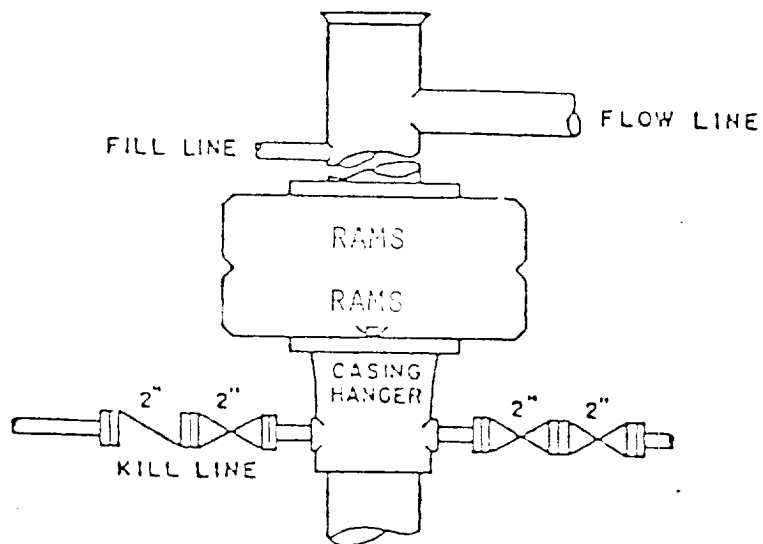
Exhibit A

# Choke - Manifold



MANIFOLD  
3000 W.P.

- ☒ Manual
- ☐ Hydraulic



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

Exhibit 1

Attachment to Exhibit #1  
NOTES REGARDING THE BLOWOUT PREVENTERS

1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum ID equal to preventer bore.
2. Wear ring to be properly installed in head.
3. Blow out preventer and all fittings must be in good condition, 3000 psi WP minimum.
4. All fittings to be flanged.
5. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 3000 psi WP minimum.
6. All choke and fill lines to be securely anchored, especially ends of choke stem.
7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
8. Kelly cock on kelly.
9. Extension wrenches and hand wheels to be properly installed.
10. Blow out preventer control to be located as close to driller's position as feasible.
11. Blow out preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

RECEIVED  
SEP 19 '97  
BLM  
ROSWELL, NM