

N. M. Oil Cons. Division  
811 S. 1ST ST.  
ARTESIA, NM 88202

RECEIVED

SEP 19 97

Form 3160-3  
(July 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0178  
Expires February 28, 1995

BLM  
ROSWELL, NM

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 660' FNL and 1980' FEL (NW NE) Unit B

At proposed prod. zone 660' FNL and 1980' FEL (NW NE) Unit B

5. LEASE DESIGNATION AND SERIAL NO  
NM0475051

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME, WELL NO.  
Wadi 9 Federal No. 7

9. API WELL NO.  
30-015-29897

10. FIELD AND POOL, OR WILDCAT  
Black River Delaware, West

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

Sec. 9, T24S-R26E

12. COUNTY OR PARISH 13. STATE  
Eddy County NM

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. 660'  
(Also to nearest drlg. 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.) 3398' GR 22. APPROX. DATE WORK WILL START October 31, 1997

23. PROPOSED CASING AND CEMENT CARLSBAD CONTROLLED WATER BASIN

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

WITNESS

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

Post ID-1  
11-1-97  
APF & Loc

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

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-29897</b>	Pool Code <b>96684</b>	Pool Name <b>W Black River Delaware</b>
Property Code	Property Name <b>WADI "9" FEDERAL</b>	Well Number <b>7</b>
OGRID No.	Operator Name <b>MALLON OIL COMPANY</b>	Elevation <b>3398</b>

Surface Location

UL or lot No. <b>B</b>	Section <b>9</b>	Township <b>24 S</b>	Range <b>26 E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>NORTH</b>	Feet from the <b>1980</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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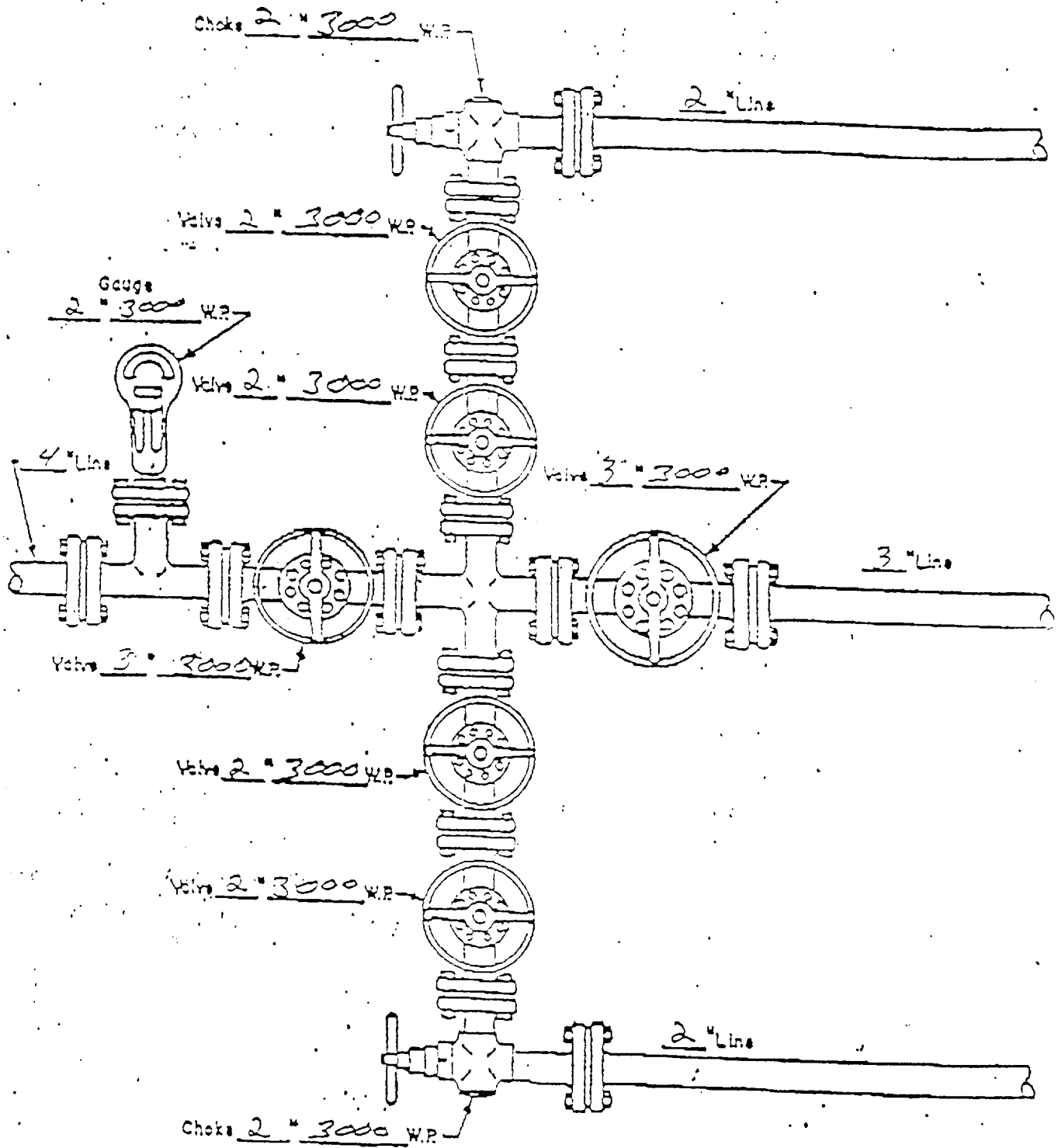
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code		Order No.					

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>Duane C. Winkler</b> Printed Name <b>Operations Manager</b> Title <b>9/17/97</b> Date	
	<b>SURVEYOR CERTIFICATION</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 belief.  <b>SEPTEMBER 4, 1997</b> Date Surveyed  Signature & Seal of Professional Surveyor <b>9-09-97</b> W.O. Num. 97-11-1452	
	Certificate No. <b>JOHN W. WEST, 676</b> <b>RONALD J. EIDSON, 3239</b> <b>GARY G. EIDSON, 12641</b>	

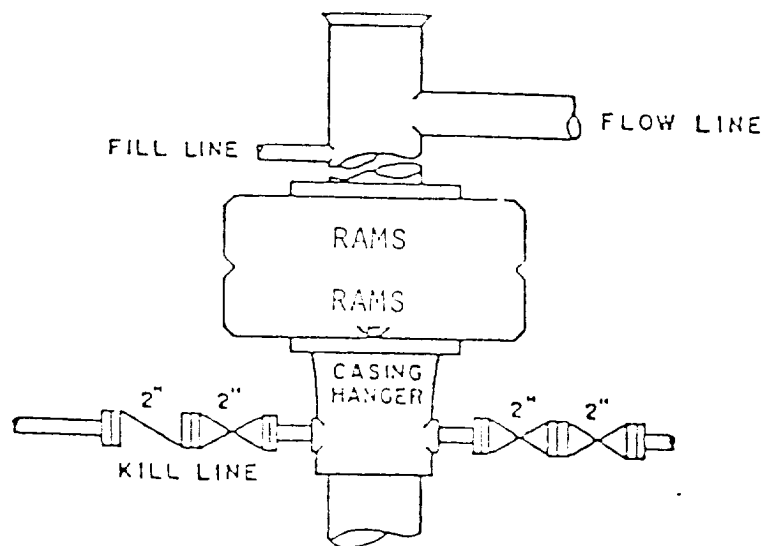
# CHAPSTAR DRILLING Choke Manifold



MANIFOLD  
3000 W.P.

- ☒ Manual
- ☐ Hydraulic

Exhibit 1



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.