

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

UMC PETROLEUM CORPORATION

(SCOTT WEBB)

303-573-4721

3. ADDRESS AND TELEPHONE NO.

410 17th STREET SUITE 1400 DENVER, COLORADO 80202

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

At surface

1980' FEL & 1980' FSL SEC. 22 T18S-R31E EDDY CO. NM

At proposed prod. zone SAME

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

Approximately 10 miles Southeast of Loco Hills New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1330'

16. NO. OF ACRES IN DEED

640

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

19. PROPOSED DEPTH

6700'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3651' GR.

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

CAPITAN CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
12 1/4"	K-55 8 5/8"	24	800'	395 Sx. circ. cement to surface
7 7/8"	K-55 5 1/2"	15.5	6700'	915 Sx. cement in two stages.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.

2. Drill 12 1/4" hole to 800'. Run and set 800' of 8 5/8" 24# K-55 ST&C casing. Cement with 195 Sx. of Class "C" cement 8% Gel, + 1/4# Celo-flakes/Sx. + 2% CaCl, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.

3. Drill 7 7/8" hole to 6700'. Run and set 6700' of 5 1/2" K-55 15.5# ST&C casing. Cement with 915 Sx. in two stages. First stage cement with 260 Sx. of Class "H" 50/50 POZ + 2% Gel + 10# salt/Sx. + .25% CD-32, tail in with 190 Sx. Class "H" cement + .25% CD-32 + .6% FL-62, + 10# salt/Sx. + .2% SM. Second stage cement with 315 Sx. of Class "H" 35/65 POZ + 6% Gel, tail in with 150 Sx. of Class "H" + .25% CD-32 + .6% FL-62 + 10# salt/Sx. + .2% SM.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHEDPost FD-1
11-7-97

API & 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 preventer program, if any.

24.

SIGNED

TITLE

Agent

DATE 09/30/97

(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.) ARMANDO A. LOPEZ

TITLE

Agent

ADM, MINERALS

DATE

10-27-97

*See Instructions On Reverse Side

RECEIVED
1997 OCT -1 A 11:06
BUREAU OF LAND MGMT.
ROSWELL OFFICE

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, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		UND. SHUGART BONE SPRING
Property Code	Property Name	Well Number
20857	SHUGART FEDERAL "22"	2
GRID No.	Operator Name	Elevation
23654	UMC PETROLEUM CORPORATION	3651

Surface Location

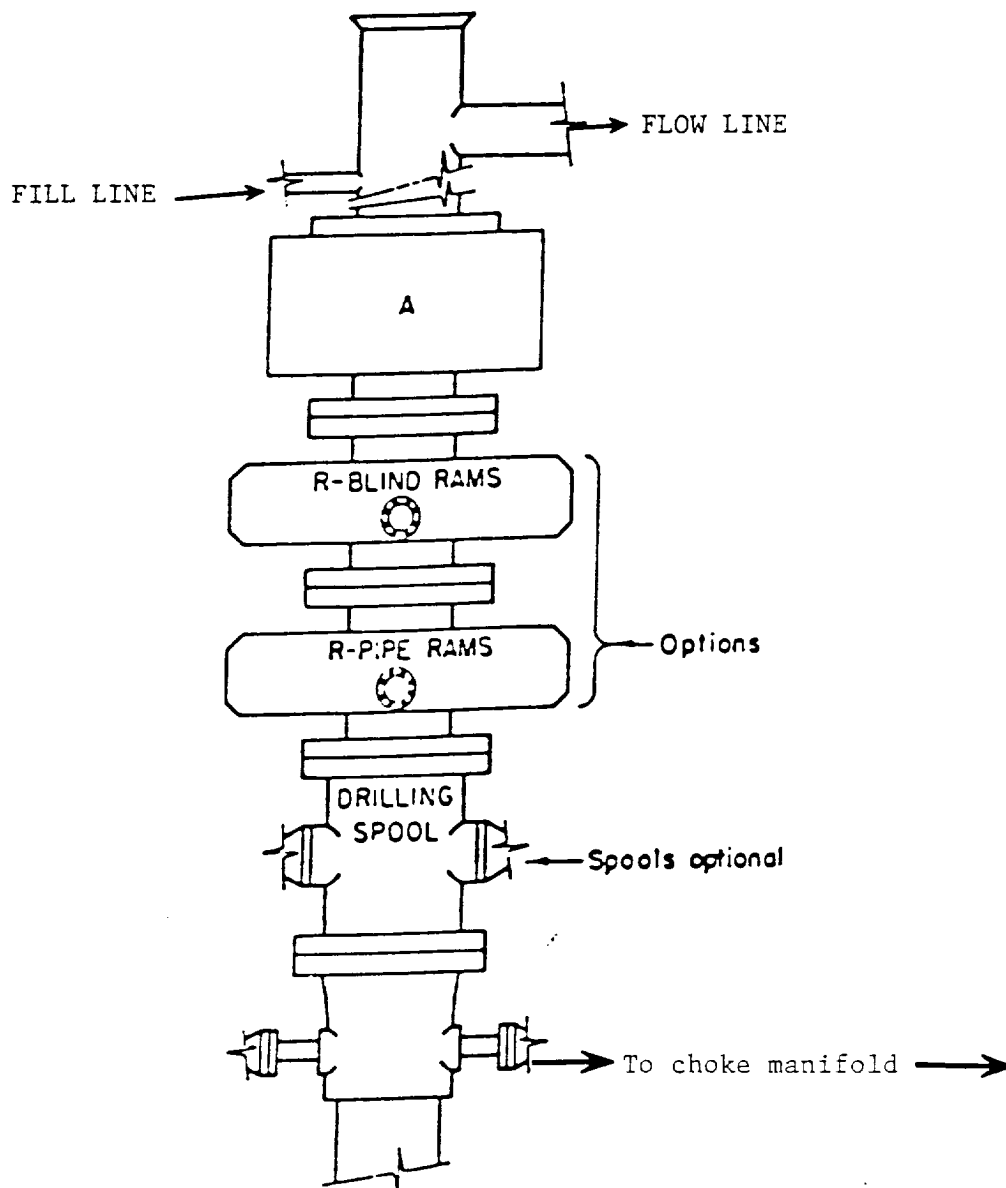
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	22	18 S	31 E		1980	SOUTH	1980	EAST	EDDY

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.						
40									

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T. Janica Printed Name Agent Title 09/30/97 Date
	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 belief. SEPTEMBER 29, 1997 Date Surveyed Signature of J. EIDSON Professional Surveyor JLP No. 97-1573 Certificate No. 3239 EIDSON, 12641

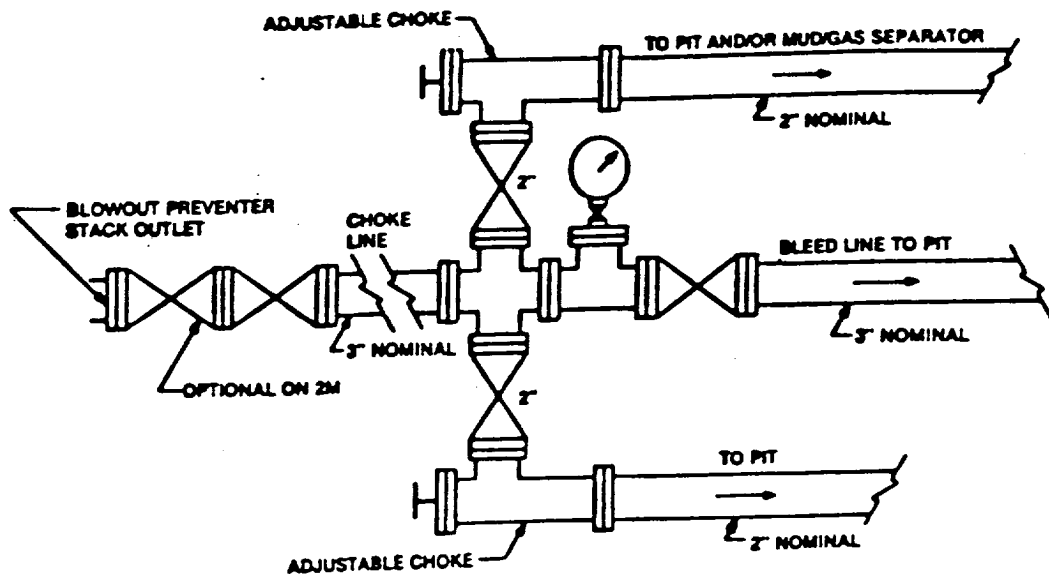


ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON

UMC PETROLEUM CORP.
SHUGART "22" FEDERAL #2
UNIT "J" SECTION 22
T18S-R31E EDDY CO. NM



Typical choke manifold assembly for 3M WP system

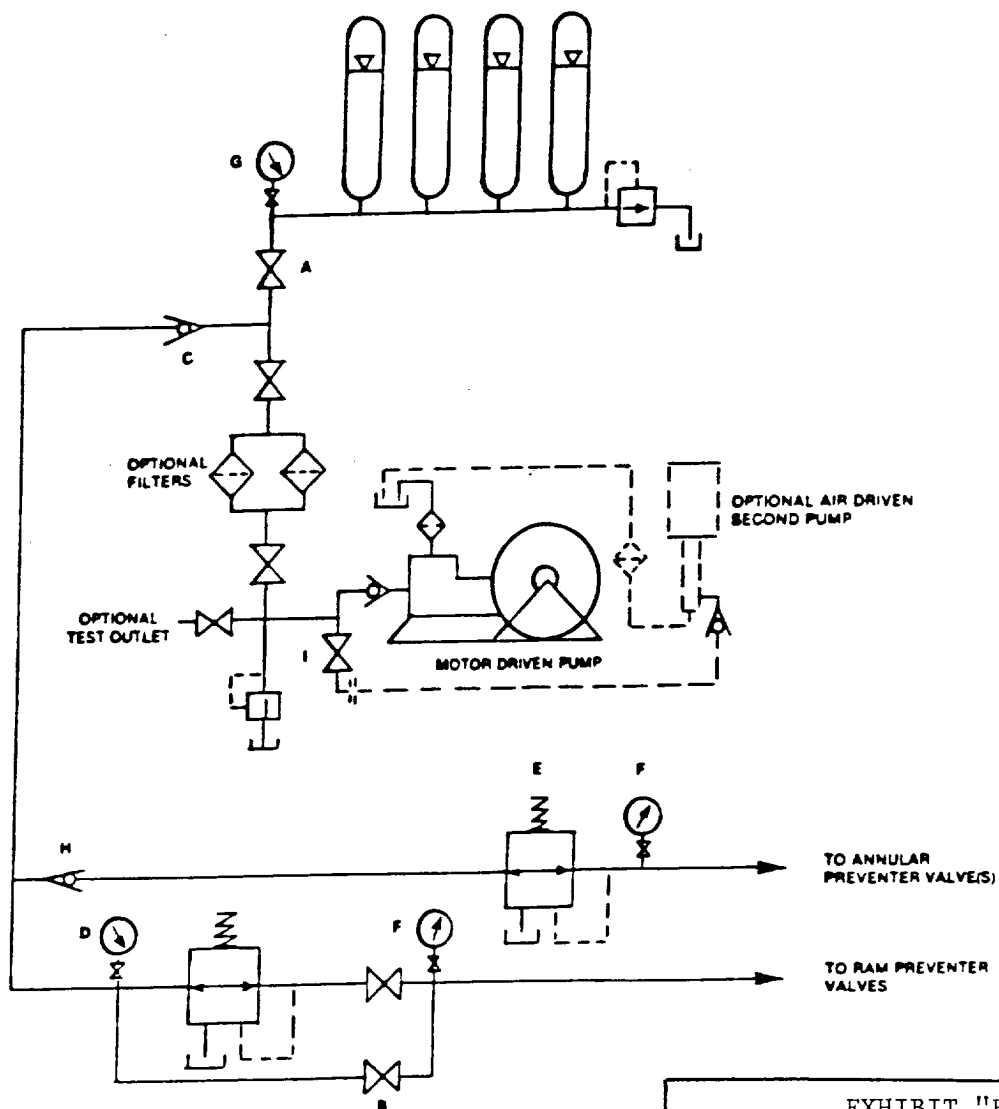


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

UMC PETROLEUM CORP.
SHUGART "22" FEDERAL #2
UNIT "J" SECTION 22
T18S-R31E EDDY CO. NM

RECEIVED

OCT 1 97

BLM
ROSWELL, NM