

(December 1991)

(Other instructions on reverse side)

Form approved

Budget Bureau No. 1004-0136

Expires: December 31, 1991

OIL CONS. COMMISSION STATES **DRAWER DEPARTMENT OF THE INTERIOR** **ARTESIA, NM 88210** 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

Mewbourne Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

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

At surface

660' FSL & 1980' FEL Unit Letter "O"

At proposed prod. zone

Same

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

7 1/2 miles South of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

1,086'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1,320'

19. PROPOSED DEPTH

8,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3481' GR.

22. APPROX. DATE WORK WILL START

February 1, 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" J,K-55	48#	400' +/-	400 sacks of Class "C" CIRCULATE
12-1/4"	8-5/8" J,K-55	24#	2,500' +/-	800 sacks of Class "C" CIRCULATE
7-7/8"	5-1/2" J,K,N	17#	8,400' +/-	600 sacks of Class "H"

(The BACK 600' above uppermost fluid bearing zone)

Mewbourne Oil Company proposes to drill to a depth sufficient to test the Bone Spring formation for oil. If productive, 5-1/2" casing will be cemented at T.D. If non-productive, the well will be plugged and abandoned in a manner consistent with federal regulations. Specific programs are outlined in the following attachments:

Drilling Program

Surface Use and Operating Plan

Exhibit #1 - Location and Elevation Plat

Schedule #1 - Casing Design Program

Exhibit #2, 2A, and attachment - Blowout Preventor & Choke Manifold Equipment

Exhibit #3, 3A - Existing and Planned Access Road w/location

Exhibit #4 - Wells in immediate area w/attachment

Exhibit #5 - Proposed Production Facilities Layout, SA - Flowline application.

Exhibit #6 - Proposed Drilling Rig Layout

Hydrogen Sulfide Drilling Operations Plan w/schematic

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

Bill Pierce

TITLE

Drilling Superintendent

DATE December 2, 1994

(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:

APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

APPROVED BY

/s/ Yolanda Vega

TITLE

Acting
DEPT. MANAGER

DATE

1/31/95

See Instructions On Reverse Side

Applicant agrees to make to any department or agency of the

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws 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 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

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., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill or deepen an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (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, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503.

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

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling operations on an oil and gas lease.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 38-015-28329		Pool Code 54600	Pool Name Santo Nino Bone Spring
Property Code	Property Name SANTO NINO "19" FEDERAL		Well Number 2
GRID No. 14744	Operator Name MEWBOURNE OIL COMPANY		Elevation 3481

10 Surface Location

UL or lot no. 0	Section 19	Township 18S	Range 30E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1980	East/West line EAST	County EDDY
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11 Bottom Hole Location If Different From Surface

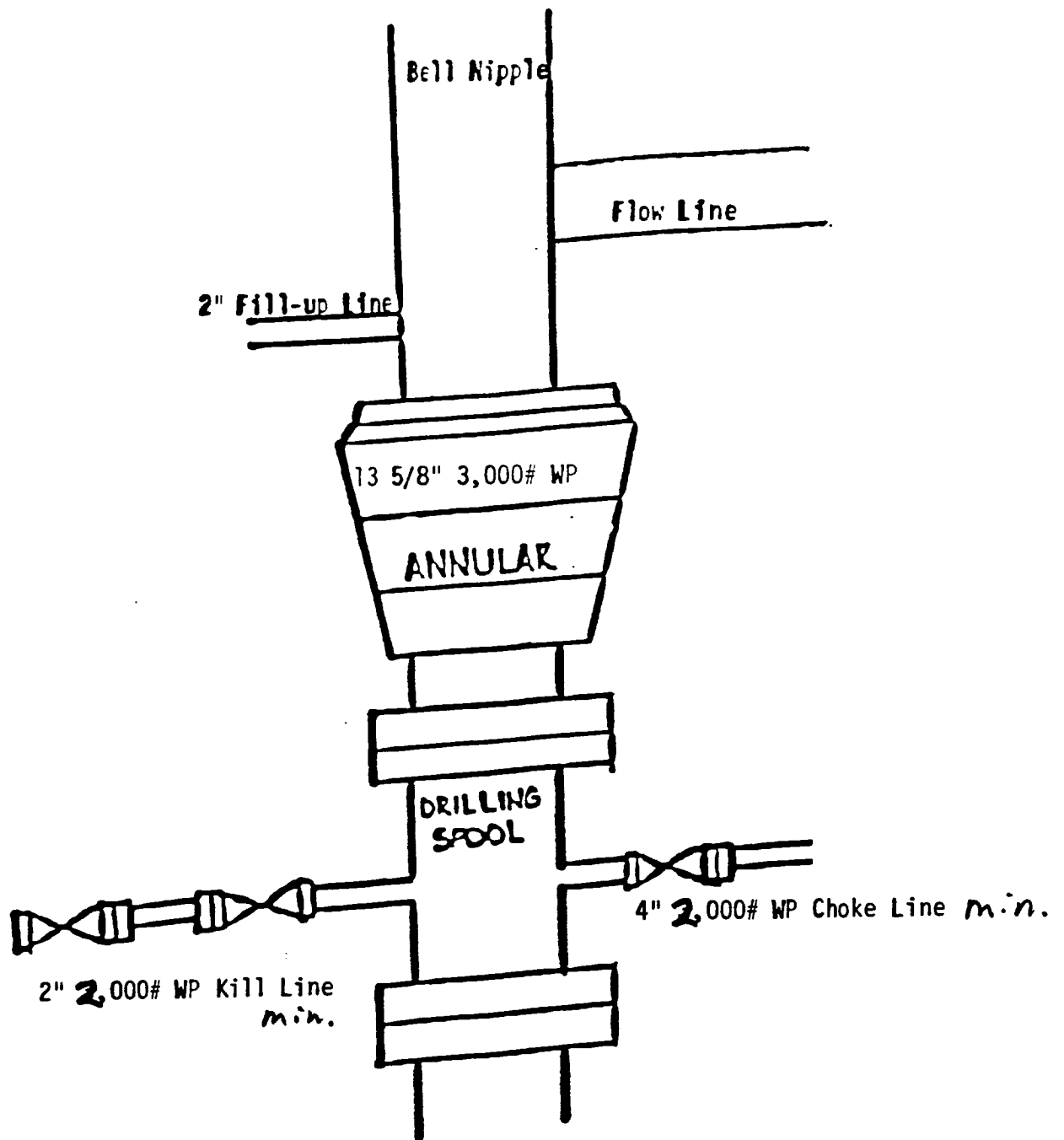
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 80		Joint or Infill N	Consolidation Code		Order No.				

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

16					<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Bill Pierce</i></p> <p>Signature Bill Pierce</p> <p>Printed Name Drilling Superintendent</p> <p>Title December 2, 1994</p> <p>Date</p>
					<p>18 SURVEYOR CERTIFICATION</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>11/28/94</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>Herschel L. Jones</i></p> <p>HERSHEL L. JONES 36-3</p> <p>Certificate Number 3640</p>

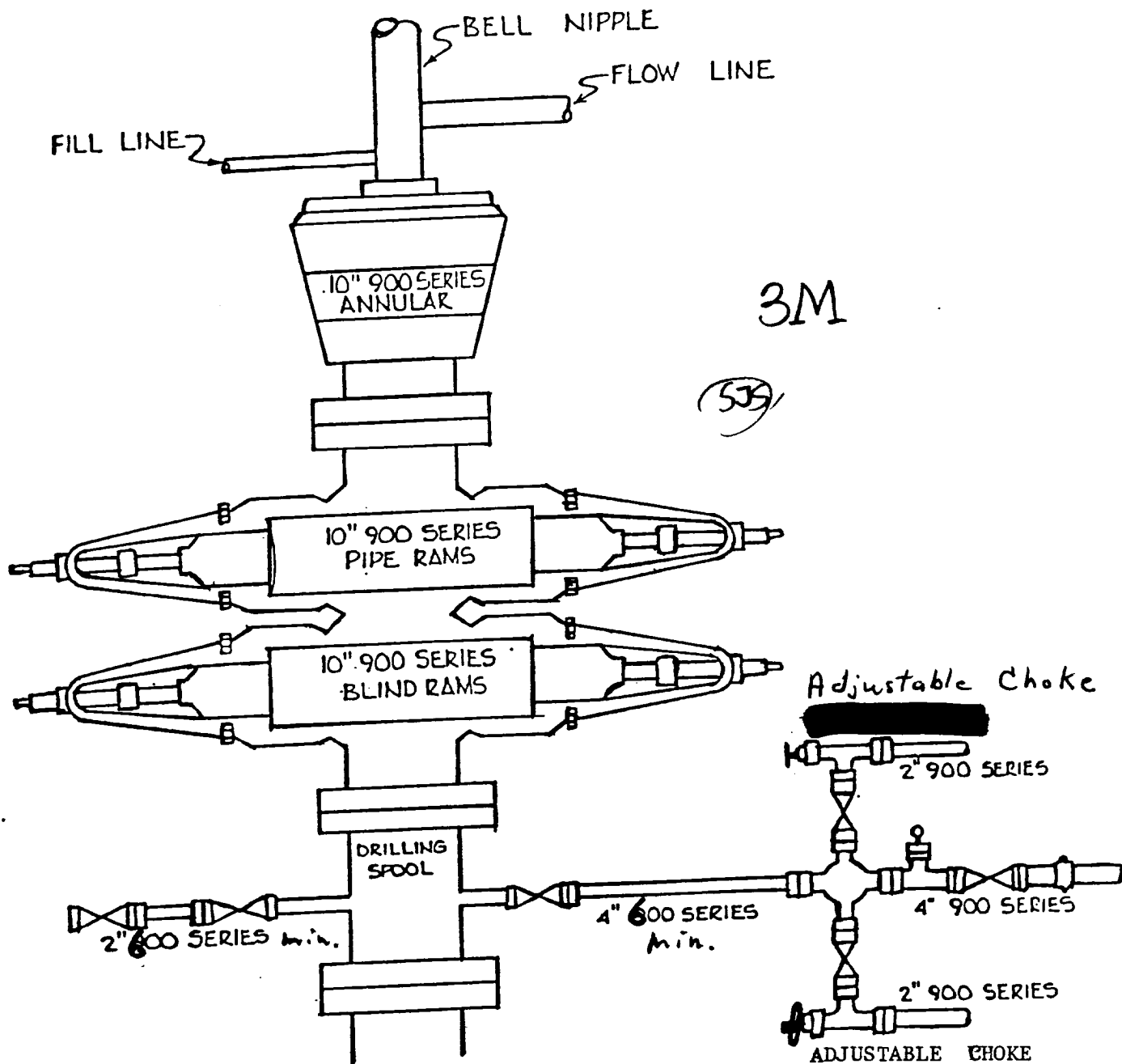
BOP SCHEMATIC

INTERMEDIATE HOLE



Mewbourne Oil Company
Santo Nino "19" Federal #2
Unit Letter "0"
660' FSL & 1980' FEL
Section 19-T18S-R30E
Eddy County, New Mexico
Lease # NM 28097

EXHIBIT #2



Mewbourne Oil Company
 Santo Nino "19" Federal #2
 Unit Letter "O"
 660' FSL & 1980' FEL
 Section 19-T18S-R30E
 Eddy County, New Mexico
 Lease # NM 28097

EXHIBIT #2A

ATTATCHMENT TO EXHIBIT #2

Notes Regarding The Blowout Preventer

Santo Nino "19" Federal #2

Lease #NM 28097

1980' FEL & 660' FSL

Section 19 - T18S - R30E

Lea County, New Mexico

1. Drilling nipple (bell nipple) to be so constructed that it can be removed without the use of a welder through the rotary table opening, with minimum I. D. equal to the preventer bore.
2. Blowout preventer and all fittings must be in good condition; 2,000 psi W. P. minimum.
3. Safety valve must be available on rig floor at all times with proper connections; valve to be full bore 2,000 psi W. P. minimum.
4. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
5. Kelly cock on kelly.
6. Blowout preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on closing unit, and meet all API specifications.