

NM OIL CONS. COM. TION STATES
DRAWER DD DEPARTMENT OF THE INTERIOR
ARTESIA, NM 88210 U OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-27279		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME e/kf		
2. NAME OF OPERATOR Mewbourne Oil Company ✓ 14744		7. UNIT AGREEMENT NAME 16178		
3. ADDRESS AND TELEPHONE NO. P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905		8. FARM OR LEASE NAME, WELL NO. Com. #1 Santo Nino "20" Fed. #1		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 660' FWL At proposed prod. zone Same NOV 14 '84		9. API WELL NO. 503 30-015-28191		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 3/4 miles SW of Loco Hills, New Mexico		10. FIELD AND POOL, OR WILDCAT Santo Nino Bone Spring		
16. NO. OF ACRES IN LEASE 1,000		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 54600 20-T18S-R30E		
17. NO. OF ACRES ASSIGNED TO THIS WELL 80		12. COUNTY OR PARISH Eddy		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		13. STATE N.M.		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3469' GR		22. APPROX. DATE WORK WILL START* December 1, 1994		
23. PROPOSED CASING AND CEMENTING PROGRAM				
24. SECRETARY'S POTASH				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" J-55	48#	400' +/-	400 sacks of Class "C" CIRCULATE
12-1/4"	8-5/8" J-55	24#	2,500' +/-	800 sacks of Class "C" CIRCULATE
7-7/8"	5-1/2" J-55	17#	8,400' +/-	600 sacks of Class "H" (above all potential - Grayburg)

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, Attachment - Blowout Preventor & Choke Manifold Equipment
- Exhibit #3, 3A - Existing and Planned Access Road w/Location
- Exhibit #4 - One Mile Radius Map w/Attachment
- Exhibit #5 - Proposed Drilling Rig Layout
- Exhibit #6 - Proposed Production Facilities Layout

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.

SIGNED Bill Pierce TITLE Drilling Superintendent DATE August 22, 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:

APPROVED BY Guilbert Pierce Associate SD DATE 10-24-94

*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.

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 operations 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 30-015-28191		Pool Code 54600	Pool Name Santo Nino Bone Spring
Property Code NM-27279	Property Name SANTO NINO "20" FEDERAL COM. SJS		Well Number 1
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY		Elevation 3469

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	18S	30E		660	SOUTH	660	WEST	EDDY

11 Bottom Hole Location If Different From Surface

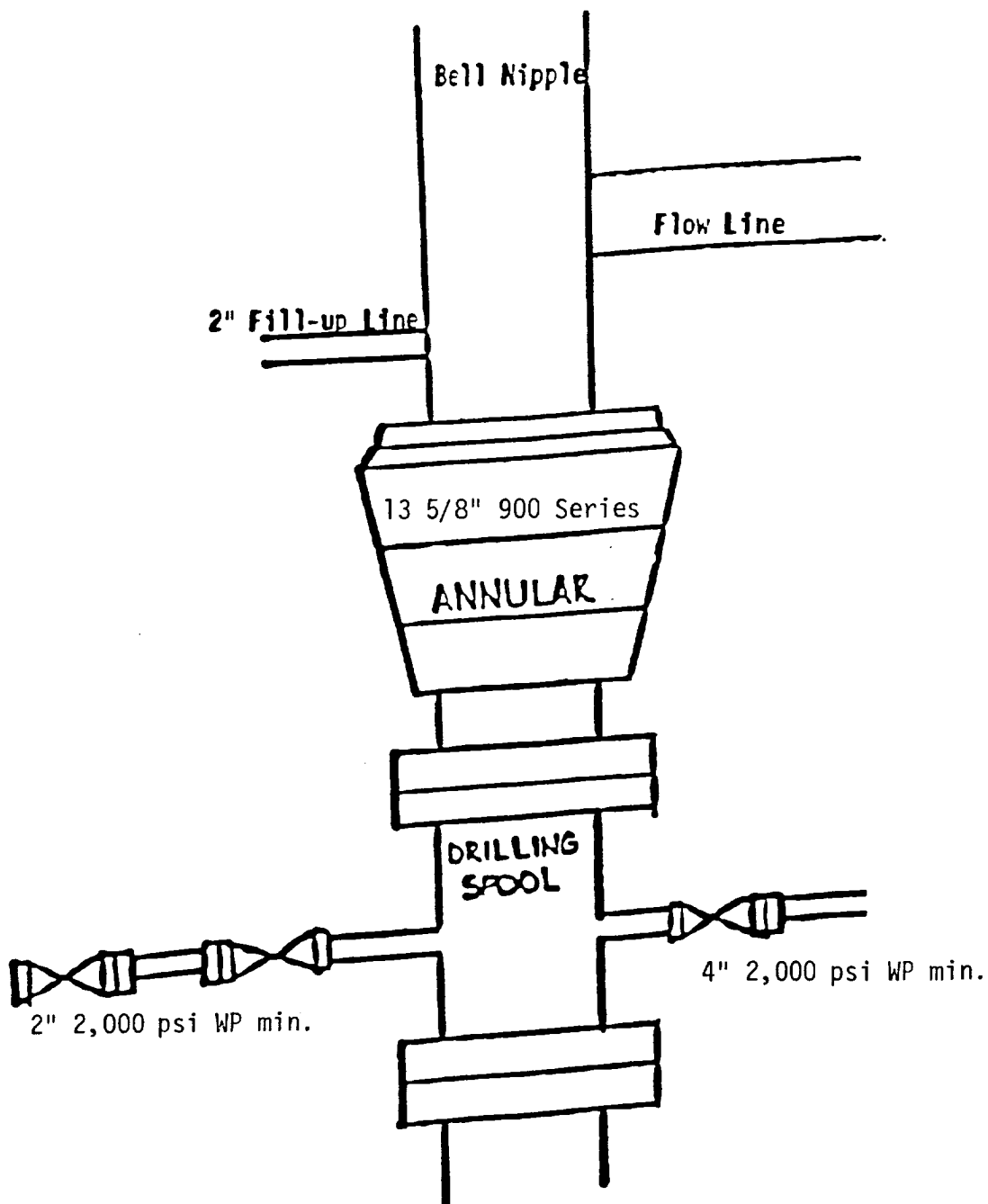
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 80		Joint or Infill N		Consolidation Code C		Order No.			

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 				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Bill Pierce</i> Signature Bill Pierce Printed Name Drilling Superintendent Title August 22, 1994 Date	
					18 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. 7/26/94 Date of Survey Signature of Licensed Professional Surveyor:
	SJS NM-54875				

BOP SCHEMATIC

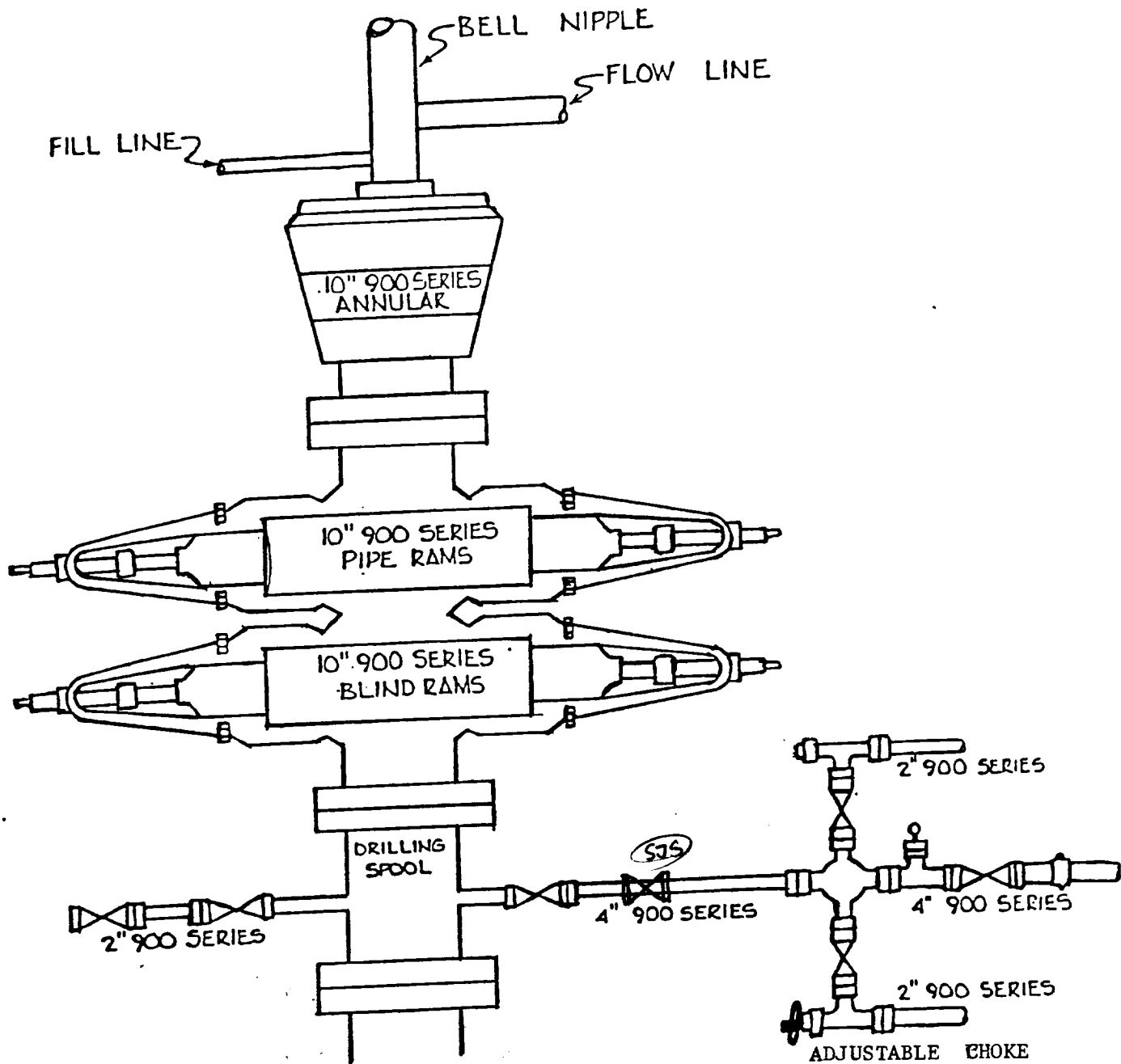
12 1/4" Intermediate Hole



MEWBOURNE OIL COMPANY
Santo Nino "20" Federal #1
660' FSL & 660' FWL
Section 20-T18S-R30E
Eddy County, New Mexico
Lease # NM-27279

BOP SCHEMATIC

Production Hole



MEWBOURNE OIL COMPANY
Santo Nino "20" Federal #1
660' FSL & 660' FWL
Section 20-T18S-R30E
Eddy County, New Mexico
Lease # NM-27279

EXHIBIT #2A

ATTACHMENT TO EXHIBIT #2

Notes Regarding The Blowout Preventer

Santo Nino "20" Federal #1

Lease # NM-27279

660' FWL & 660' FSL

Section 20 - T18S - R30E

Eddy 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; 3,000 psi W. P. minimum.
3. Safety valve ^{SS} must be available on rig floor at all times with proper connections; valve to be full bore 3,000 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.