

## N. M. Oil Cons. Division

811 S. 1ST ST.

Form 3160-3  
(July 1992)

ARTESIA, NM 88210-2634

UNITED STATES

SUBMIT IN DUPLICATE  
(Other applications on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## 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

Mewbourne Oil Company

## 3. ADDRESS AND TELEPHONE NO.

PO Box 5270, Hobbs, New Mexico 88240

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

At surface 1980' FSL &amp; 660' FEL

At proposed prod. zone

Same Unit I

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

4 miles south of Carlsbad on Old Cavern Hwy.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT  
(Also to nearest drg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 19. PROPOSED DEPTH

12,200'

## 20. ROTARY OR CABLE TOOLS

Rotary Tools

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

3194' GL

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING CARLSBAD CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H40 / 13 3/8"	48#	400'	400 sacks
12 1/4"	J55 / 9 5/8"	36#	2600'	1000 sacks
8 3/4"	S95 / 5 1/2"	17#	12,200'	600 sacks

Mewbourne Oil Company proposed to drill to depth sufficient to test the Morrow for gas. If productive, 5 1/2" casing will be set and cemented at TD. 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 operation plan

- Exhibit #1 Location and Elevation Plat  
Exhibit #2, 2A Attachment Blowout Preventor and Choke Manifold  
Exhibit #3, 3A Existing and Plan access road with location  
Exhibit #4 Immediate Radius Map  
Exhibit #5 Proposed Drilling Rig Layout  
Exhibit #6 Proposed Production Facilities Layout  
Exhibit #7 H2S Operation Plan and Drilling Rig Layout for H2S

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

IN ABOVE SPACE DESCRIBE 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 Drilling Superintendent

DATE 06/08/99

(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:

Acting Assistant Field Office Manager,  
Lands and Minerals

JUL 16 1999

APPROVED BY

(ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

DATE

\*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.

RECEIVED

JUN 10 30

BLVD  
ROSWELL, NM

DISTRICT II  
P.O. Drawer 2D, Artesia, NM 88210

Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

## OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name <i>Carlsbad, South Morrow (Penn.)</i>
Property Code	Property Name <i>RANCH HAND "18" Fed. Com.</i>	Well Number <i>1</i>
OGRID No. <i>14744</i>	Operator Name <i>MEWBOURNE OIL COMPANY</i>	Elevation <i>3194</i>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<i>1</i>	<i>18</i>	<i>23S</i>	<i>27E</i>		<i>1980</i>	<i>SOUTH</i>	<i>660</i>	<i>EAST</i>	<i>EDDY</i>

## 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 <i>320</i>	Joint or Infill	Consolidation Code	Order No.
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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


660'

1980'

**OPERATOR CERTIFICATION**

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

*Steve Matthews*  
Signature

*Steve Matthews*  
Printed Name

*Dr. J. Sept.*  
Title

*6-8-99*  
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.

04/27/1999  
Date Surveyed

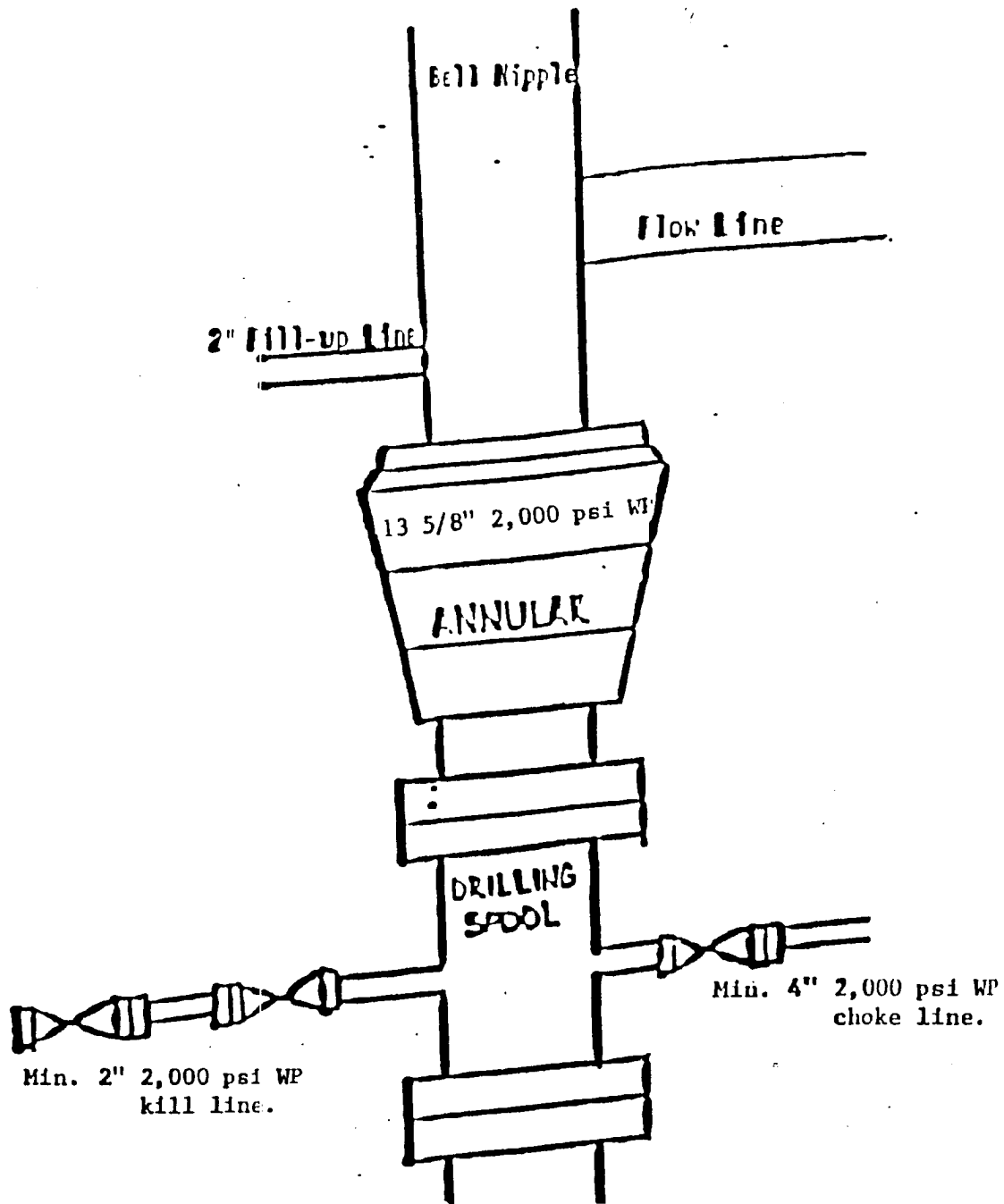
*Herschel L. Jones*  
Signature of Professional Surveyor

**HERSHEL L. JONES**  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
3840

Certificate No. Herschel L. Jones RLS 3640  
PROFESSIONAL LAND SURVEYOR  
GENERAL SURVEYING COMPANY

BOP SCHEMATIC

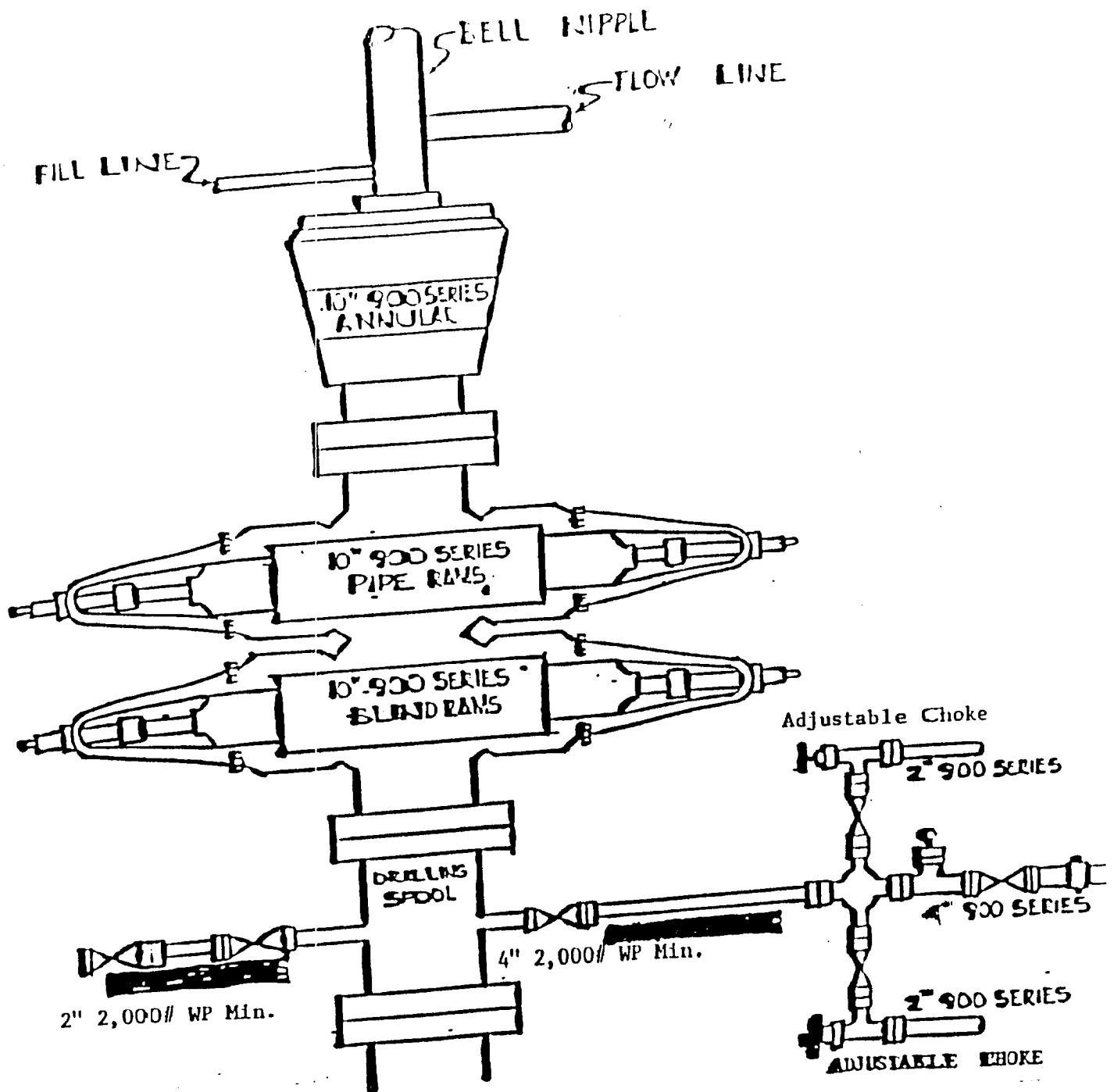
12 1/4" Intermediate Hole



Mewbourne Oil Company  
Ranch Hand "18" Fed. Com. #1  
1980' FSL & 660' FEL  
Sec. 18, T23S, R27E  
Eddy County, New Mexico  
Exhibit #2

N     ; Regarding Blowout Preve     r  
Mewbourne Oil Company  
Ranch Hand "18" Fed. Com. #1  
1980' FSL & 660' FEL  
Sec. 18, T23S, R27E  
Eddy County, New Mexico  
( Attachment to Exhibit #2 )

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 preventor bore.
2.     Blowout preventor 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 preventor closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on closing unit, and meet all API specifications.



Mewbourne Oil Company  
 Ranch Hand "18" Fed. Com. #1  
 1980' FSL & 660' FEL  
 Sec. 18, T23S, R27E  
 Eddy County, New Mexico  
 Exhibit #2A