

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

N. M. Oil Cons. D[']vision

811 S. 1ST ST.
ARTESIA, N.M. 87003
SUBMIT IN TR. DATE
None instructions on
reverse side

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

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 (505)393-5905

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **1858 FSL & 1980 FSL**
At proposed prod. zone **1750**
Same **Unit K**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 mile north of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drig. unit line, if any)
990'

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.
660'

19. PROPOSED DEPTH
10,100'

20. ROTARY OR CABLE TOOLS
Rotary Rig

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

22. APPROX. DATE WORK WILL START
Upon BLM Approval

5. LEASE DESIGNATION AND SERIAL NO.
LC-064490 34008775

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
21136

8. FARM OR LEASE NAME, WELL NO.
Carlsbad "15" Fed. Com. #2

9. API WELL NO.
30-015-30471

10. FIELD AND POOL, OR WILDCAT
Avalon Strawn 6A5 71080

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15 - T21S - R26E

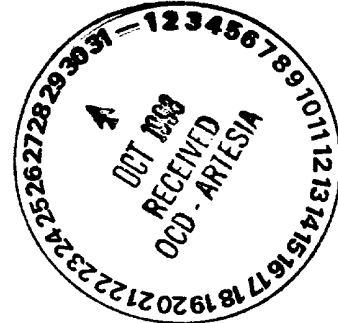
12. COUNTY OR PARISH
Eddy County

13. STATE
N. Mx.

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H40 / 13 3/8"	48#	400'	420 sacks
12 1/4"	J55 / 8 5/8"	32#	2700'	750 sacks Tie back to surface
7 7/8"	N80 / 4 1/2"	11.60#	10,100'	500 sacks, 500' above Wolfcamp

Mewbourne Oil Company proposes to drill to a depth sufficient to test the Strawn for oil and gas. If productive, 4 1/2" casing will be set and cemented to TD. If non-productive, the well will be plugged and abandoned in a maner consistent with federal regulations. Specific programs are outlined in the following attachments:

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



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 *Steve Matthews* TITLE **Drilling Superintendent** DATE **9-18-98**

(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.

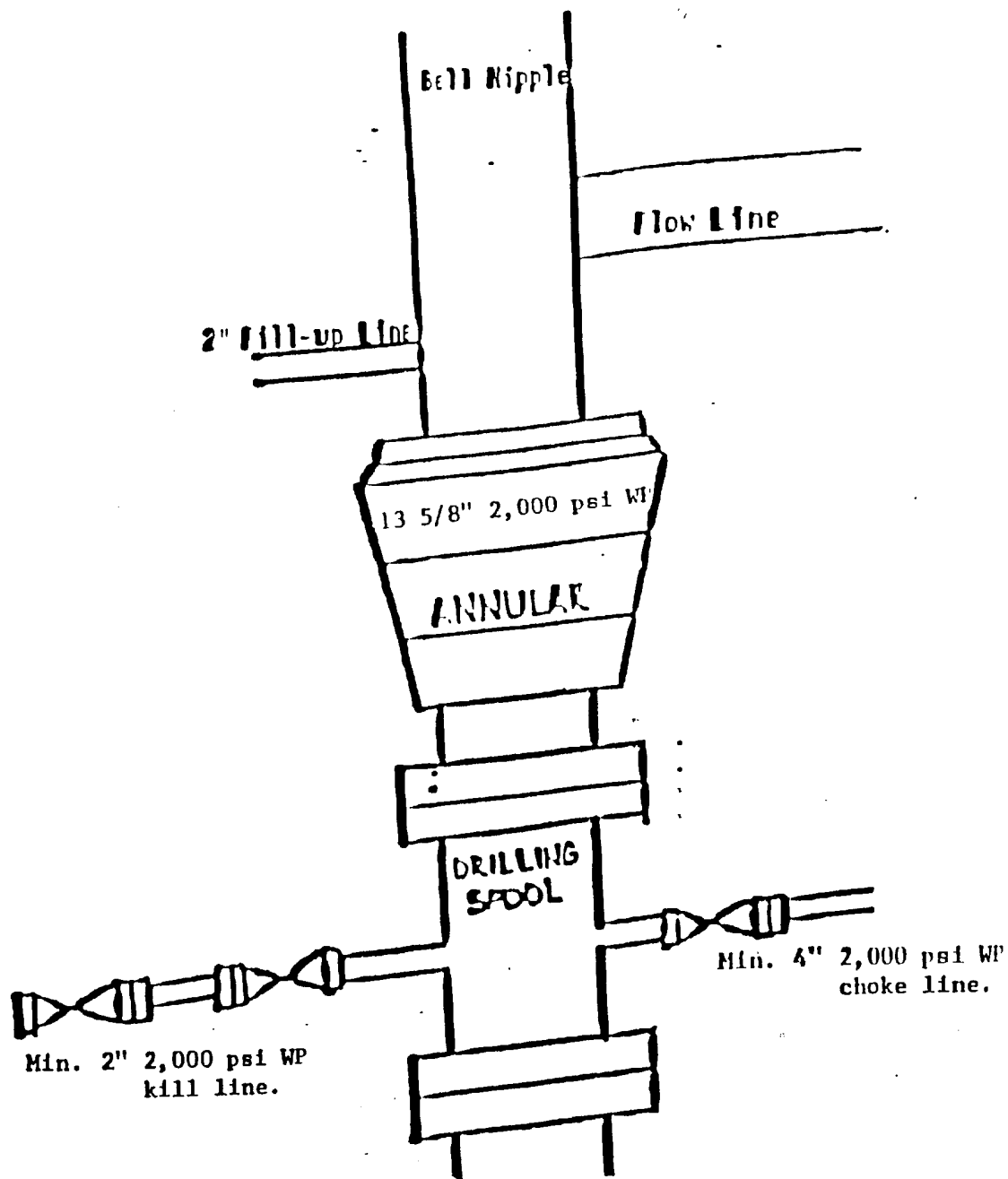
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Earl Smith* TITLE **Acting Assistant Field Office Manager, Lands and Minerals** DATE **10/23/98**

*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.

BOP SCHEMATIC
12 1/4" Intermediate Hole



Mewbourne Oil Company
Carlsbad "15" Federal Com. #2
1980' FSL & 990' FWL
Sec. 15, T-21-S, R-26-E
Eddy County, New Mexico
Lease # LC-064490
Exhibit #2

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, N.M. 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	Pool Code	Pool Name
Property Code	Property Name CARLSBAD 15 FEDERAL COM	Well Number 2
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3182'

Surface Location

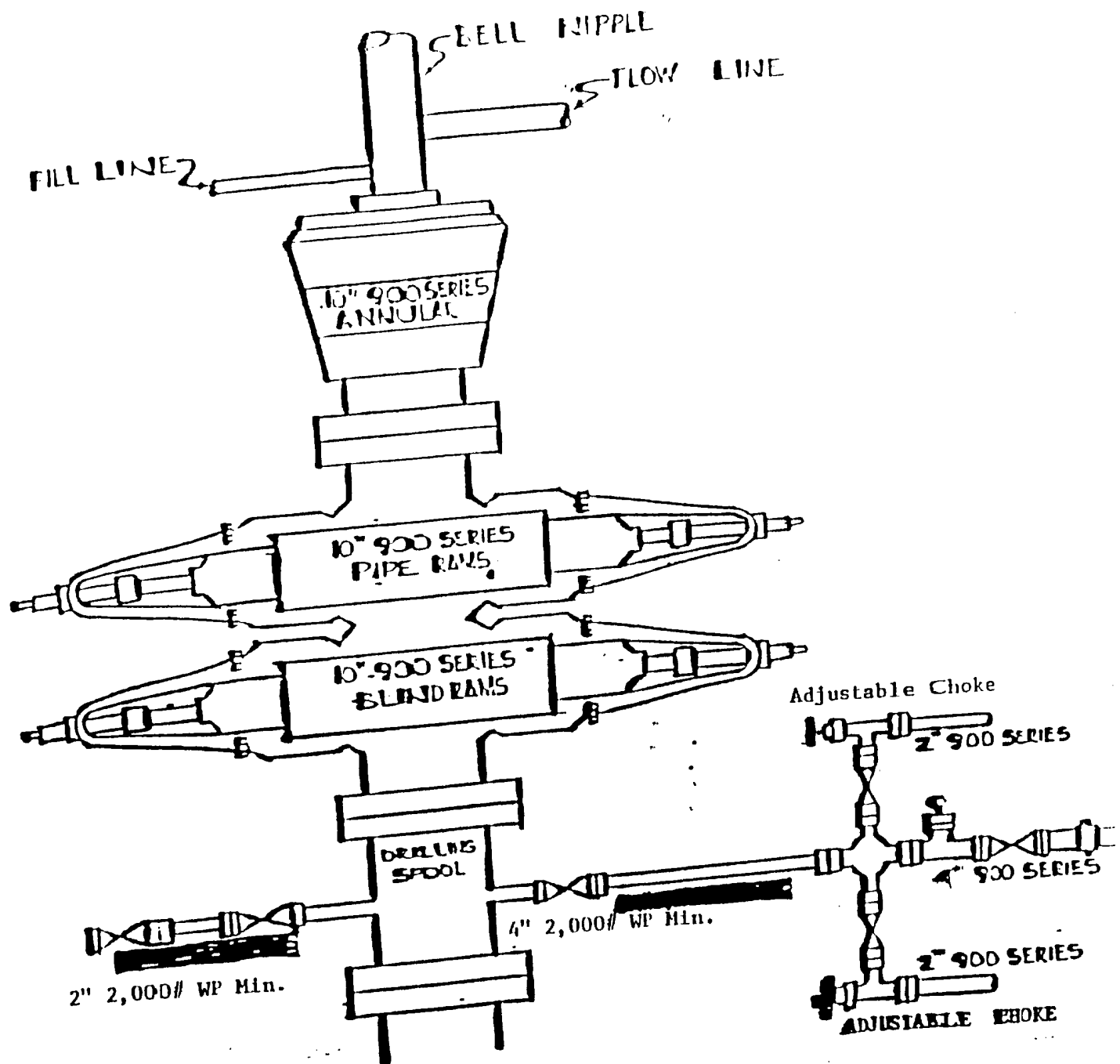
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	21 S	26 E		1780	SOUTH	1850	WEST	EDDY

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 320	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

				OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. Signature Steve Matthews Printed Name Dnlg. Sup. Title 9-29-98 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. AUGUST 27, 1998 Date Surveyed CDG Signature & Seal of Professional Surveyor 98-11-1187 Certificate No. RONALD L. EIDSON 3239 HOFFMAN EIDSON 12641	



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 Eddy County, New Mexico
 Lease # LC-064490
 Exhibit 2A