

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ARTESIA, New Mexico

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

JP 10/14/97

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

FASKEN OIL AND RANCH, LTD.

151416

3. ADDRESS AND TELEPHONE NO.

303 W. WALL AVE., SUITE 1900 MIDLAND, TX 79701-5116 (915) 681-1171

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

At surface
500' FNL & 2265' FWL
At proposed prod. zone

WC

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

25 MILES SOUTHWEST OF CARLSBAD, NM

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

375'

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

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

4067' GR

CARLSBAD CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START*

NOVEMBER 15, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40, 13-3/8"	48.0	500'	500 SX
12-1/4"	K-55, 8-5/8"	24.0	2500'	1000 SX
7-7/8"	N-80, 5-1/2"	17.0	10,200'	1ST STAGE: 700 SX 2ND STAGE: 800 SX

The operator proposes to drill to a depth sufficient to test the upper and middle Morrow. If productive, 5-1/2" casing will be set at 10,200' and cemented back to 2500'. The Lower Morrow will be drilled using Air Drilling Equipment. If non-commercial, the well will be plugged and abandoned in accordance with the federal regulations.

Drilling Program

Surface Use and Operating Plan

Exhibit #1: Area Map.

Exhibit #2: One-mile Radius Map.

Exhibit #3: Hydrogen Sulfide Drilling Operations Plan.

Exhibit #4: Well Site Layout.

Exhibit #5: Blowout Preventer Equipment.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Post ID-1
12-5-97
API + noc

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

Tommy C. Taylor

TITLE Drilling and Production Engineer

DATE 8-14-97

(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.) TONY L. FERGUSON

ADM, MINERALS

DATE

11-19-97

*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.

DEPARTMENT OF LAND MANAGEMENT
ROSWELL OFFICE

197 OCT 14 A 4:11

RECEIVED

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 20-015-29953	Pool Code 84000	Pool Name ROCK TANK - LOWER MORROW
Property Code	Property Name Carnero FEDERAL	Well Number 1
OGRID No.	Operator Name Fasken Oil & Ranch LTD.	Elevation 4067'

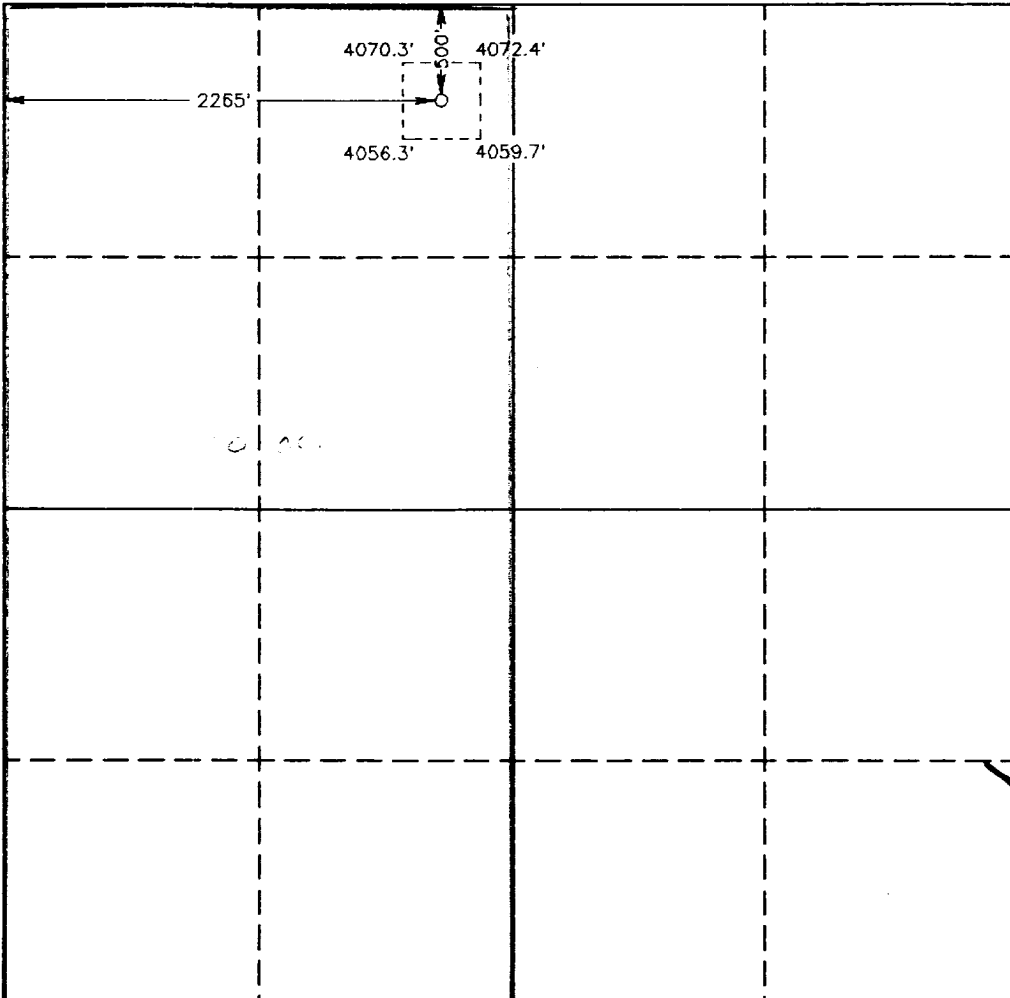
Surface Location

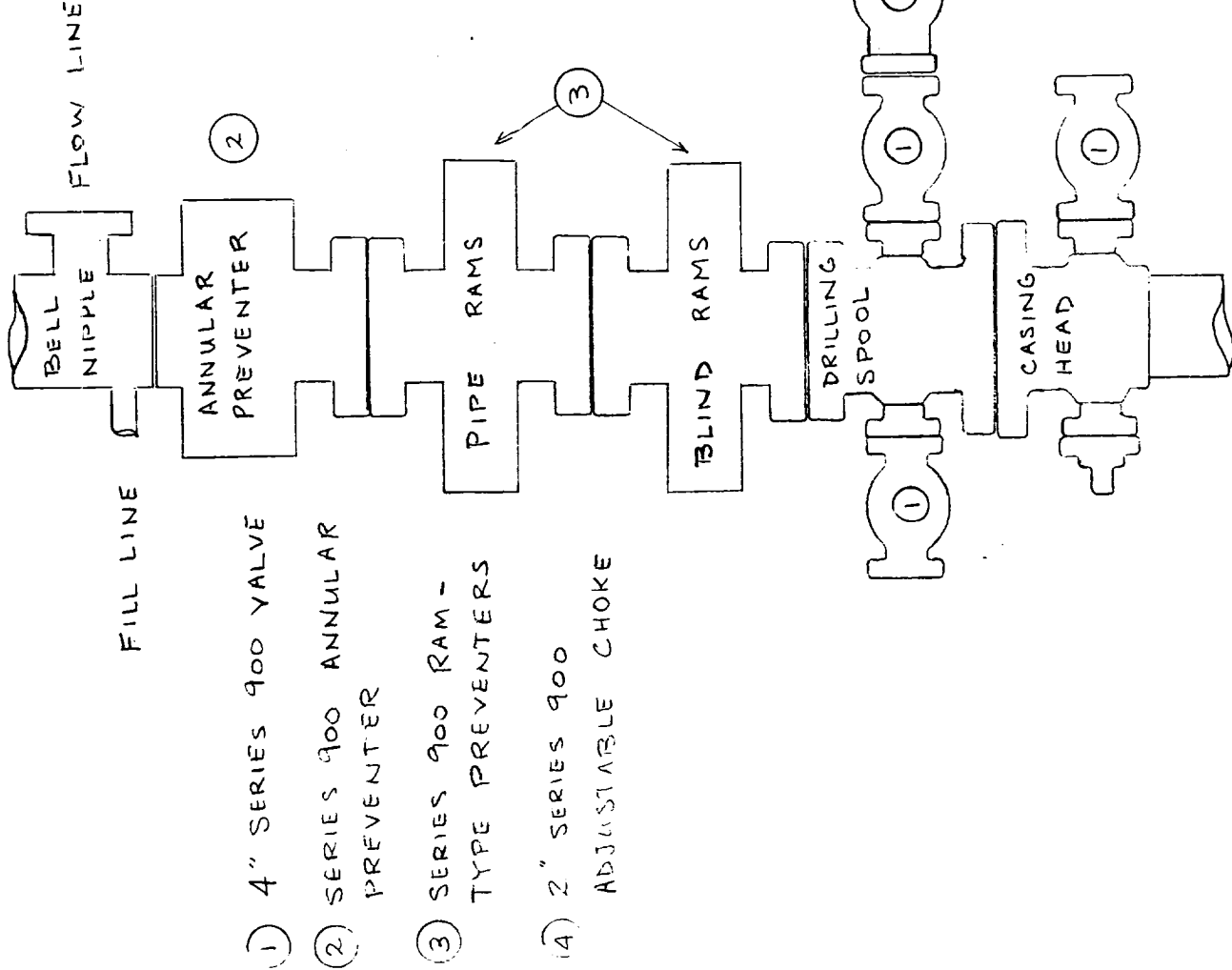
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	12	23 S	24 E		500	NORTH	2265	WEST	EDDY

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tommy E. Taylor</u> Signature Tommy E. Taylor Printed Name Drilling & Production Engineer Title 8-14-97 Date</p> <p>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>August 08, 1997 Date Surveyed Signature & Seal Professional Surveyor Num. 7458 Certificate No. 7977</p>
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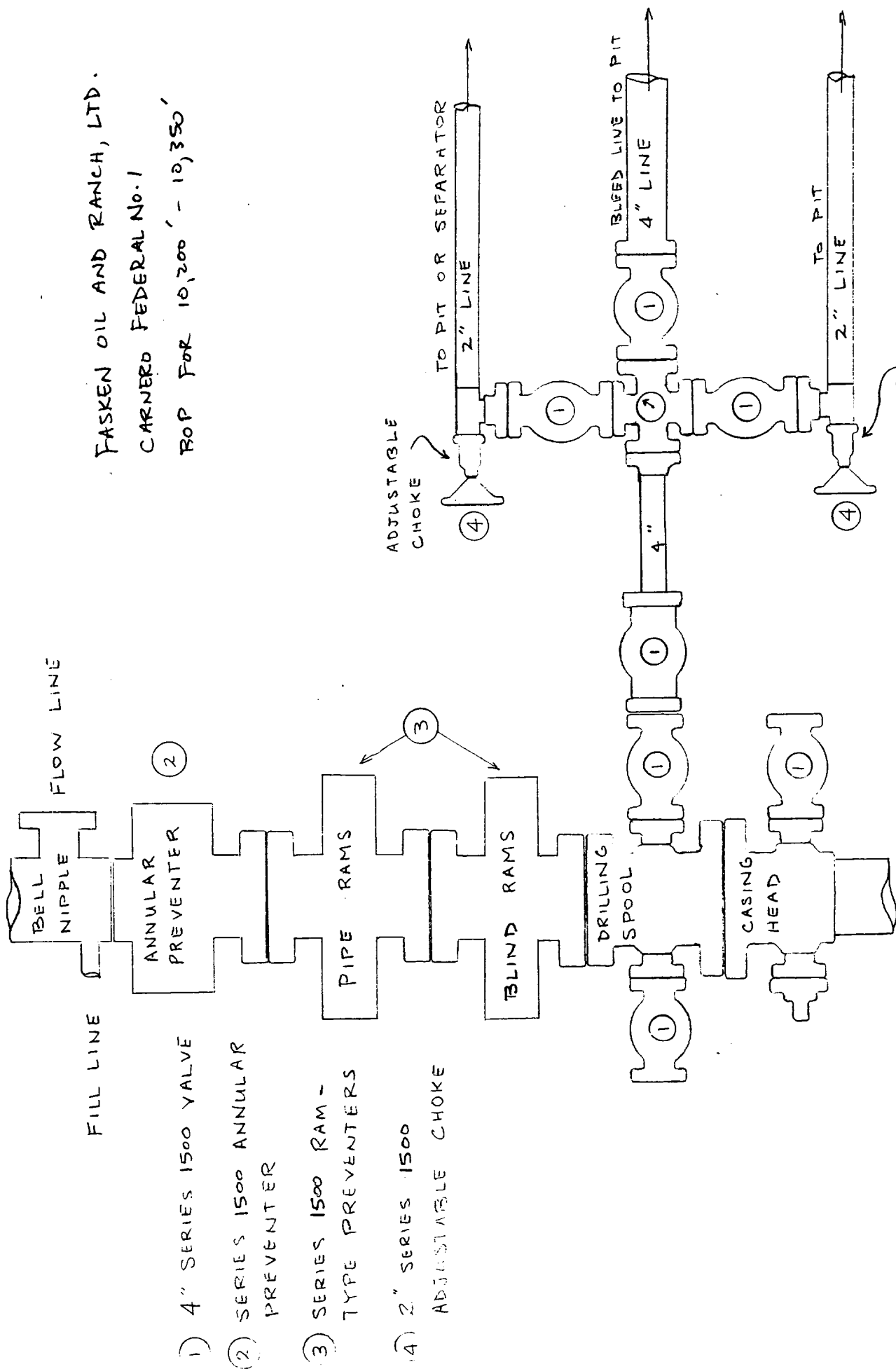
FASKEN OIL AND RANCH, LTD.
 CARNERO FEDERAL No. 1
 BOP FOR 500' - 10,200'

- ① 4" SERIES 900 VALVE
- ② SERIES 900 ANNUAL PREVENTER
- ③ SERIES 900 RAM - TYPE PREVENTERS
- ④ 2" SERIES 900 ADJUSTABLE CHOKES

3000 PSI WORKING PRESSURE

EXHIBIT 45a

FASKEN OIL AND RANCH, LTD.
CARNERO FEDERAL No. 1
BOP FOR 10,200' - 10,350'



- 1) 4" SERIES 1500 VALVE
- 2) SERIES 1500 ANNULAR PREVENTER
- 3) SERIES 1500 RAM - TYPE PREVENTERS
- 4) 2" SERIES 1500 ADJUSTABLE CHOKE

5000 PSI WORKING PRESSURE