Form 9-331 C
(May 1963)

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

C/B/H

30-015-24878

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
MAY 18 1984
O. C. D.
ARTESIA, OFFICE

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: C. E. LaRue and B. N. Muncy, Jr.

3. ADDRESS OF OPERATOR: P. O. Box 470 Artesia, N. M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 330' FSL & 330' FEL Section 10,T16S,R29E
At proposed prod. zone: W P

5. LEASE DESIGNATION AND SERIAL NO.: NM 36494

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Yates Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: High Lonesome Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec10,T-16S,R-29-E

12. COUNTY OR PARISH: Eddy — 13. STATE: N M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 9 Miles Northwest of Loco Hills, N. M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 330

16. NO. OF ACRES IN LEASE: 80

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

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

19. PROPOSED DEPTH: 2040

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3709.9 GL

22. APPROX. DATE WORK WILL START*: May 25, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼ "	8 5/8"	24#	400	150 sacks circulated
7 7/8"	5½"	15½#	2100	350 sacks

Propose to drill 12¼" hole to 400', set 8 5/8" casing and circulate cement (above salt). Cameron 11" BOP 5000# will be tested with ram closed, and surface pipe tested prior to drilling out. Drilling mud will be fresh water Gel with viscosity of approximately 34. Logs will be sidewall Neutron Porosity and Dual Laterolog Mirco SFL. No testing will be done until after pipe has been cemented and well fractured. There have been no water flows, abnormal pressures, or H_2S encountered anywhere in this area at this depth.

BUREAU OF LAND MANAGEMENT
RECEIVED
MAY 11 1984
DIST. 8 N.M.
CARLSBAD, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [signature] TITLE Operator DATE May 8, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [signature] TITLE AREA MANAGER CARLSBAD RESOURCE AREA DATE 5/10/84

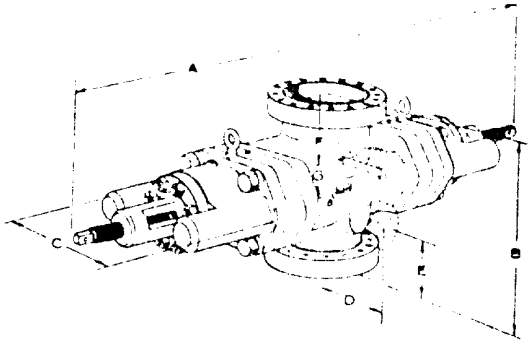
CONDITIONS OF APPROVAL, IF ANY:

Post APD
NSL-1042 BK.
5-25-84

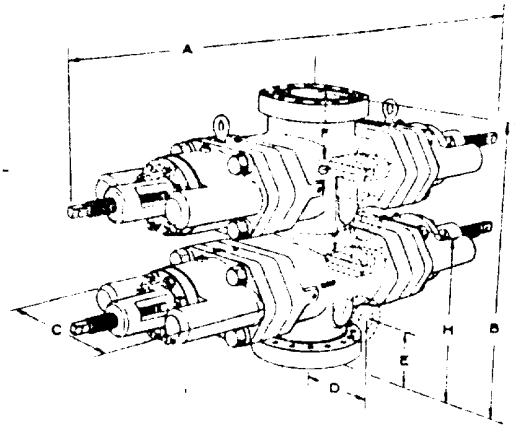
APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

*See Instructions On Reverse Side

U BLOWOUT PREVENTER ENGINEERING DATA



Single Open Face Flanged U Blowout Preventer



Double Open Face Flanged U Blowout Preventer

Side Outlets to 4" size (7-1/16" on 26-3/4" preventers) can be provided beneath each set of rams, on either or both sides of U preventers. Side outlet flanges are open face and have the same pressure rating as the vertical run flanges. Valve removal preparations can be provided. To obtain a quotation, the number and size of outlets should be specified.

Flanges conform to API Standard 6A. Type 6BX flanges are standard for 10,000 psi, 15,000 psi, and 20,000 psi working pressures and for 5000 psi working pressures for 13-5/8" and larger bore preventers.

Although most preventers have open face flanges or Cameron clamp hubs, preventers with studded flanges can be furnished.

Sizes and Dimensions are in inches. The over-all length "A" given in the tables does not include the optional wedgelocks. No spacers between rams are included in the table of dimensions of double ram models. Preventers with spacers to clear tool joints can be obtained on special order. For information on preventers with spacers, or sizes not listed, consult your Cameron representative.

Hydraulic Control Connections to operate rams and bonnets are 1" NPT. There are two connections for each set of rams. Hydraulic ram lock connections are 1/2" NPT.

Engineering Data Designations. See Charts on Following Page

- **A-1** Over-all length, bonnets closed, locking screws locked
- **A-2** Over-all length, ram change, bonnets opened, locking screws unlocked
- **B-1** Over-all height flanged
- **B-2** As above, with Cameron clamp hubs
- **C** Over-all width without side outlets (max width)
- **D** Centerline of preventer to outlet flange or hub face. Distance is variable.
- **E-1** Centerline of side outlet (outlet below lower rams in double model) to bottom flange face
- **E-2** As above, to bottom hub face
- **F-1** Top of upper ram to top flange face
- **F-2** As above, to top hub face
- **G** Ram height
- **H-1** Centerline of side outlet between rams to bottom flange face
- **H-2** As above, to bottom hub face
- **J** Top of lower ram to bottom of upper ram

LaRue & Muncy

YATES FEDERAL #1

11" 5000# double

MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
LaRue & Muncy	Natos Federal	1

Unit Letter	Section	Township	Range	County
P	10	16 South	29 East	Eddy

Actual Footage Location of Well:
330 feet from the South line and 330 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3709.9	PENROSE	HIGH LONESOME QUEEN	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

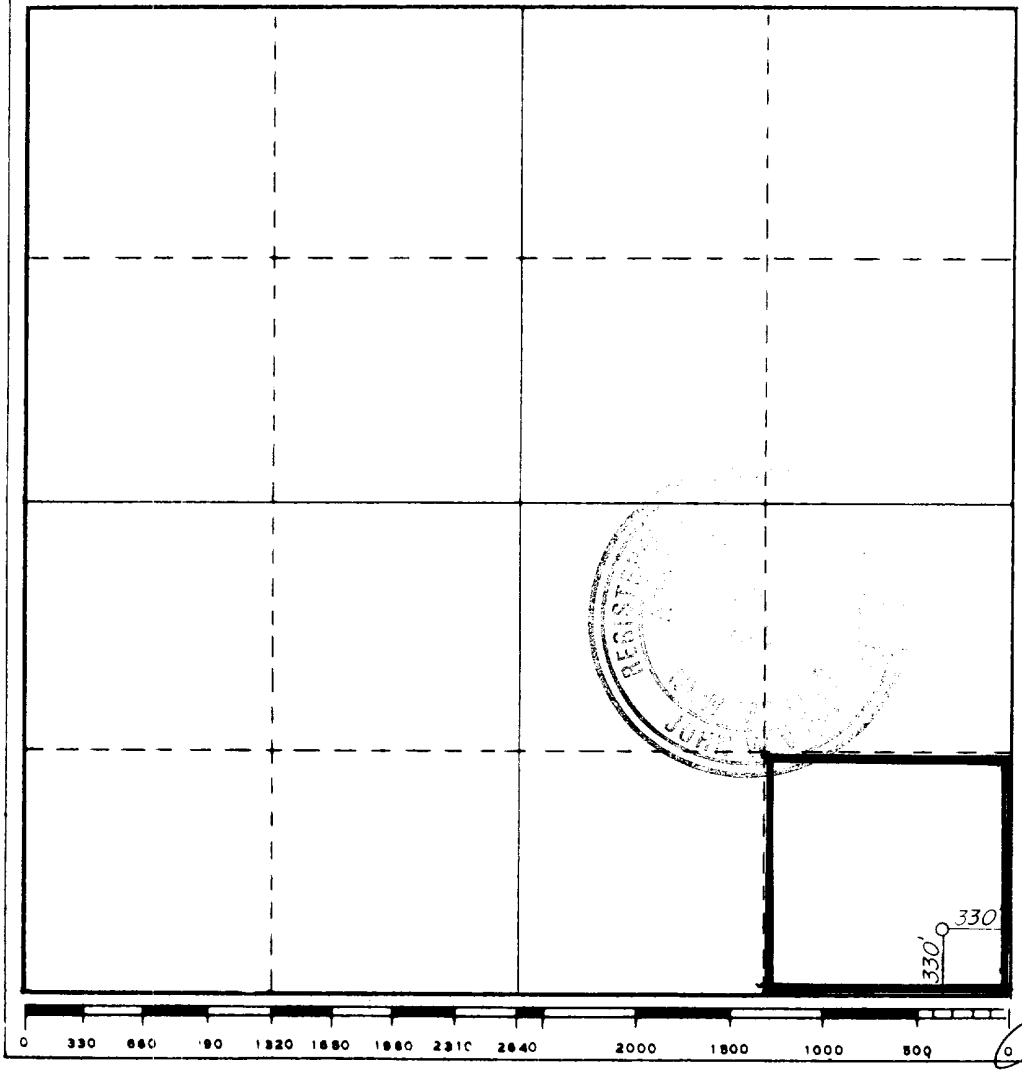
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
Position
Owner
Company
LaRue & Muncy
Date
May 9, 1984

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 knowledge and belief.

Date Surveyed
May 5, 1984

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

APPLICATION FOR DRILLING

C. E. LaRue and B. N. Muncy, Jr.

Yates Federal # 1

In conjuction with form 9-331c, Application for permit to Drill subject well, LaRue and Muncy submits the following items of pertinent information in accordance with MMS/BLM.

1. The geologic surface formation is quaternary.

2. The estimated tops of geologic markers are as follows:

Top salt	400
Base Salt	620
7-Rivers	1140
Queen	1750
San Andres	2040
TD	2040

3. The estimated depth at which anticipated water, oil or gas formations are expected to encountered;

   Water: Possible in random sands from surface to 200 ft.
   Oil: 7 Rivers, Queen, item 2.

4. Proposed casing program: See Form 9-331c.

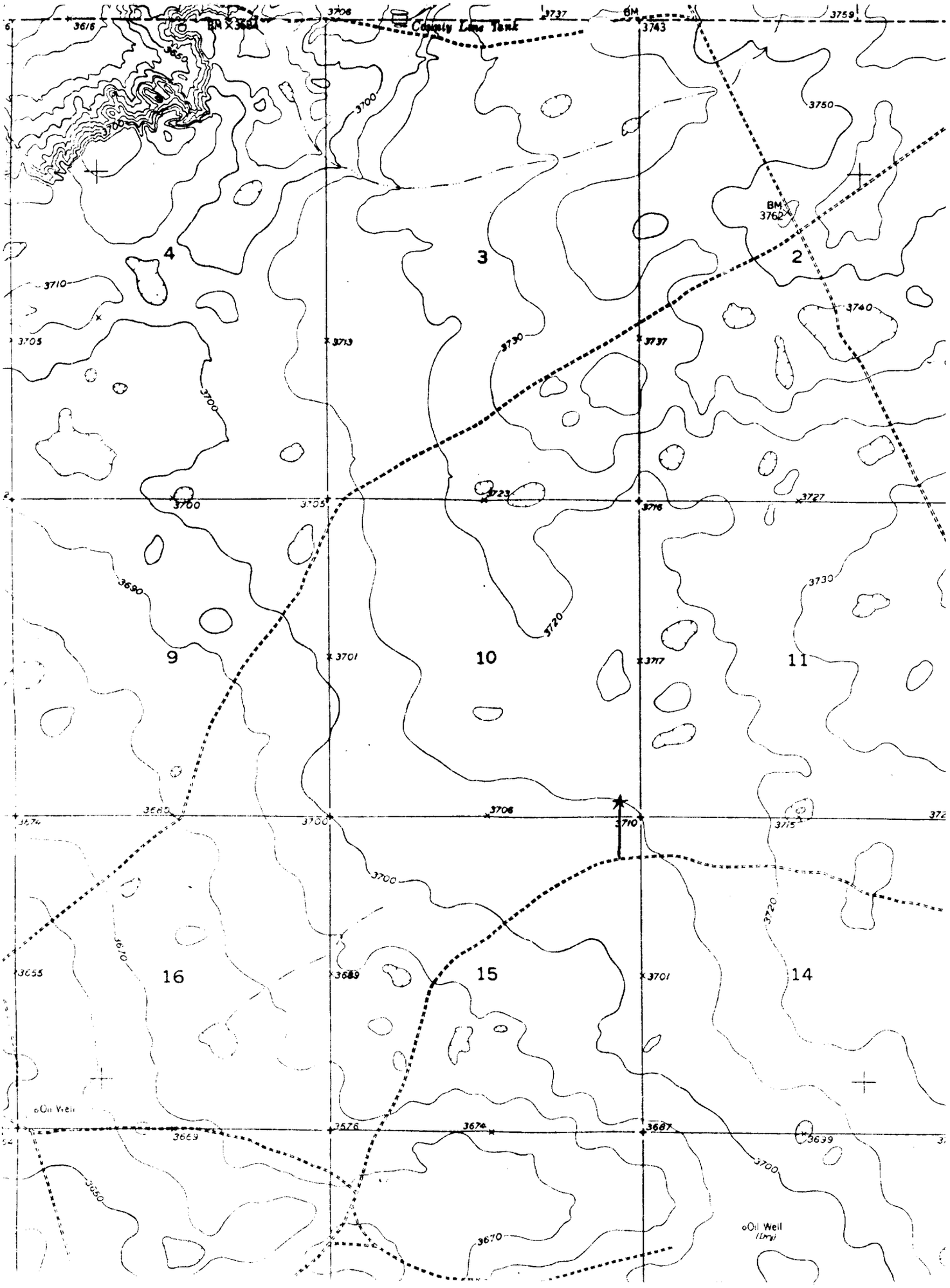
5. Pressure control equipment: See form 9-331c Exhbit E.

6. Mud Program: Surface to TD Fresh water and gel.

7. Testing, Logging and Coring:
   DST: None planned
   Logging: Gr/ CNL/FDC, DLL T.D. to 1000 Ft. CCL/CBL t.D. to Surface.

8. No abnormal pressures or temperatures are anticipated.

9. Anticipated starting date: As soon as possible.



WELL LOCATION ★

PROPOSED NEW ROAD————

EXHIBIT "A"

WELL NAME: YATES FEDERAL #1

C. E. LaRue and B. N. Muncy, Jr.