

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐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 196 Artesia, NM 88210

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

At surface

2310' FNL and 990' FEL Section 13, T19S, R30E
At proposed prod. zone

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

O.C.C.
ARTESIA, NM

15. DISTANCE FROM PROPOSED*

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

990'

16. NO. OF ACRES IN LEASE

320

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

2500'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	29#	550'	130 Sacks Circulated
7-7/8"	5-1/2"	15-1/2#	2500'	150 Sacks

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

TITLE Operator

DATE April 24, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 15 1978

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS EXTENDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

SEP 28 1978

*See Instructions On Reverse Side

N MEXICO OIL CONSERVATION COMMISS
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 LaRue & Muncy			Lease Culberson & Irwin		Well No. 1
Plot Letter H	Section 13	Township 19 South	Range 30 East	County Eddy	
Actual Footage Location of Well: 2310 feet from the North line and 990 feet from the East line					
Ground Level Elev. 3510.6	Producing Formation Yates	Pool Benson Yates East	Dedicated Acreage: 40 Acres		

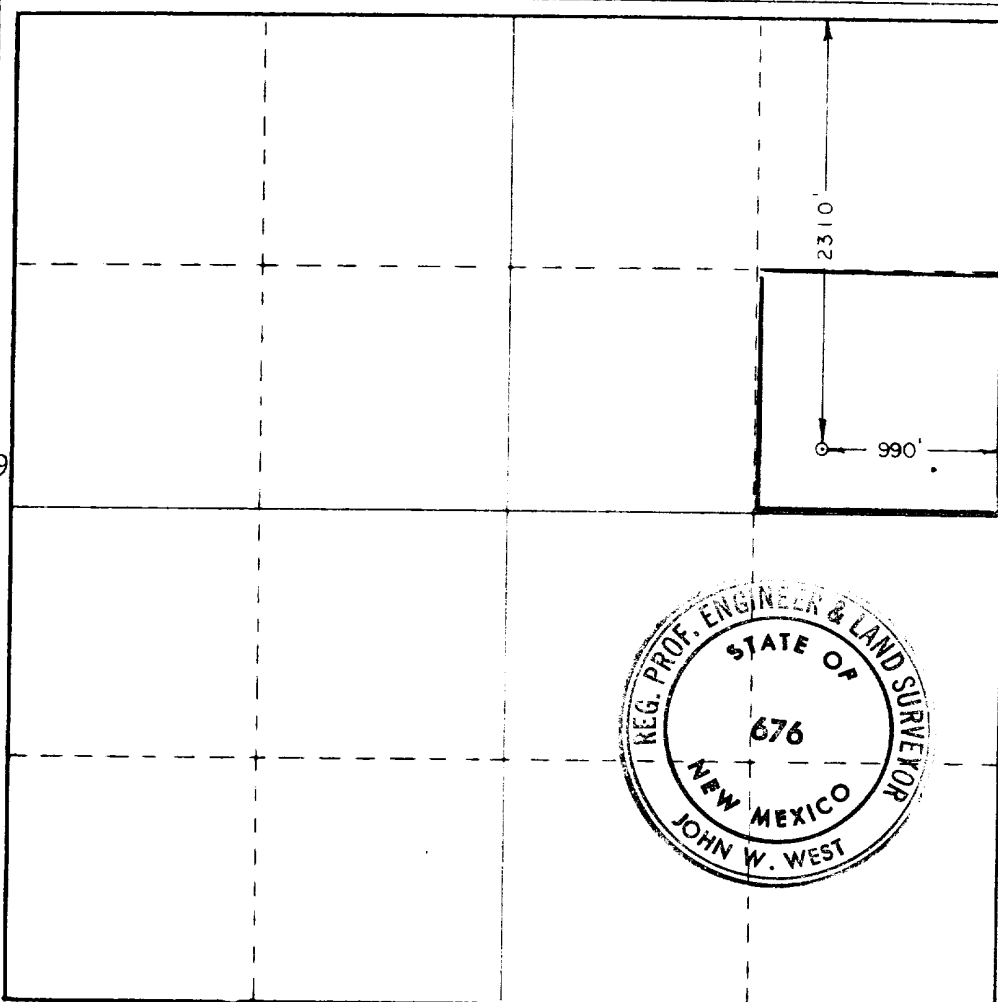
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

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ARTESIA, NEW MEXICO



CERTIFICATION

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

Name *B. N. Muncy, Jr.*
 Position Operator
 Company C E LaRue and B N Muncy, Jr.
 Date April 28, 1978

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 5/2/78
 Registered Professional Engineer and/or Land Surveyor *John W. West*
 Certificate No. John W. West 676
Ronald J. Eldson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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

Culbertson & Irwin

2310' FNL and 990 FEL Section 13, T19S R30E

Eddy County, New Mexico

Lease No. NMO25559

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

1. Existing Roads - Maps showing drillsite and all existing roads are shown on Exhibit A & B from existing road 300' of new road is planned North to location.
2. Planned Access Roads - Exhibit A shows new road to be constructed in red line. Road will be built to a maximum width of 12 feet and bladed only, with no turnouts planned. Drainage will not be a factor as surface is gravel with no water drainage. Road design will be for drilling equipment and water haulage for drilling purposes, and for oil trucking. No culverts or special drainage features are believed necessary. Center line of new road had been staked with flagging visible from one stake to the other.
3. Existing Wells are shown on Exhibit B.
4. Tank battery will be placed on edge of drilling pad and flow lines will cross only drilling pad. All pads and access roads will be used for production and maintenance. If well is non-productive the drilling pad, and such access road as not needed to reach other location will be ripped and restored in accordance with current rules..
5. There are no rivers, creeks, lakes, ponds or water wells in the entire lease area. All water for drilling purposes will be trucked to location over present and to be constructed access roads shown on Exhibit A from the nearest water supply.
6. No caliche or other material will be used except pad material from reserve pits. All material will be hauled over present roads and road to be constructed as shown on Exhibit A.
7. All cutting and drilling fluid will be left in pits and covered after they have dried, which should be in 4 to 6 weeks. All garbage and trash will be kept in containers, placed in trash pit as shown on Exhibit C and covered when well is completed. No well in area had produced water or oil during drilling.
8. No camps or airstrips will be constructed.
9. See Exhibit C. There will be no lining used in mud pits. All equipment and transportation will use only access roads and drilling pad. Mud will be stacked on drilling pad adjacent to mud pump. Only minor leveling will be needed on drilling pad. No significant cuts or fills will be required other than construction of mud pits and reserve pit. The pad and pit area have been staked.
10. At completion of drilling and completion operations all equipment not necessary for well production will be removed, pits will be filled when dried, and trash pit will be covered when completion equipment is moved off. All access roads not needed for other producing wells or lease will be ripped and restored in accordance with current rules as will the pad if well is non-production.
11. Area in general is fairly flat. Mesquite and greasewood are primary brush growth, with extremely scanty native grasses and fairly heavy weeds. All surface area is Federal land, as are all roads present and to be constructed. Topsoil is extremely gravelly, underlaid with caliche. Land is used for grazing purposes and is classed very low in number of livestock it will maintain because, the extremely sparse vegetation, and the fact there is no natural water above ground in the area for streams or ponds and closes water well to this location is 3 miles South. Nothing has been observed in the area that would give indication of archaeological historical or cultural sites. There are no steep hillsides or gullies in the area where road and drilling pad are to be constructed and no drainage or erosion problems should be encountered. Road and pit construction will require little change other than blading. Wildlife in the area is typical semi-arid natives, numbers of all are considerable less than average across most of this country. The only structure in the area is a Potash Mine 3 miles West.
12. Operators representative is B. N. Muncy, Jr. P. O. Box 196. Artesia, New Mexico 88210 Telephone Number (505) 746-6651.

13. I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I'm familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct and that the work assisted with the operations proposed herein will be performed by LaRue and Muncy and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

May 1, 1928
Date

B. N. Muncy, Jr.
Operator