

NMOCC COPY

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30-005-60465

SUBMIT IN TRIPPLICATE

Form approved.
Budget Bureau No. 42-R1425.(Other instr ns on
reverse)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. ✓

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3. ADDRESS OF OPERATOR

P. O. Box 196, Artesia, New Mexico 88210

DEC 12 1977

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

At surface

1980' FSL and 1980' FWL Section 20, T14S, R28E
At proposed prod. zoneO.C.C.
ARTESIA, OFFICE

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

12 miles East of Hagerman, New Mexico

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

1800

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.

19. PROPOSED DEPTH

8200

20. ROTARY OR CABLE TOOLS

Rotary

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

3534.5 GL

22. APPROX. DATE WORK WILL START*

January 20, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	12 3/4"	37#	250'	150 Sacks Circulated
11"	8 5/8"	24#	1700'	375 Sacks circulated
7 7/8"	5 1/2"	15 1/2# -17#	8700'	550 Sacks

Estimated tops, anhydrite 110', Yates 240', Queen 1010', San Andres 1630', Glorieta 3350', Abo 4950', Wolfcamp 6040', Atoka 8200', Mississippian 8600'. Only expected production of oil, water or gas will be in the atoka. Fresh water for drilling fluid to 4800', 3% - 4% oil with 10# mud to 6040', 10# mud with 2% KCL, water loss to 10cc from 8100' to TD. One DST in San andres, 2 in atoka, with mud logging unit from 8100' to TD. No abnormal pressures or temperature have shown in any well in this area, if Premier gas is encountered mud will be used to kill flow in that zone. Drilling time should be 4 weeks.

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U.S. GEOLOGICAL SURVEY
ARTESIA, 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

TITLE Operator

DATE December 6, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 9 - 1977

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE ACTING DISTRICT ENGINEER

DATE DEC 9 - 1977

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAR 9 - 1978

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-112
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator C.E. LaRue & B.N. Muncy Jr.		Ledge Lillie Federal		Area No. 5
Tract K	Section 28	Township 14 South	Range 28 East	County Chaves
Actual Section Location North Arrow 1980		Actual Section Location East Arrow 1980		Actual Section Location West Arrow West
Ground Level Elev. 3534.5	Formation Pennsylvanian	Wildcat		Estimated Acreage 320

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the owner (specify interest and royalty).
- 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?

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**U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

☐ 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.

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

December 6, 1977

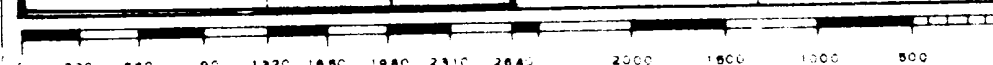
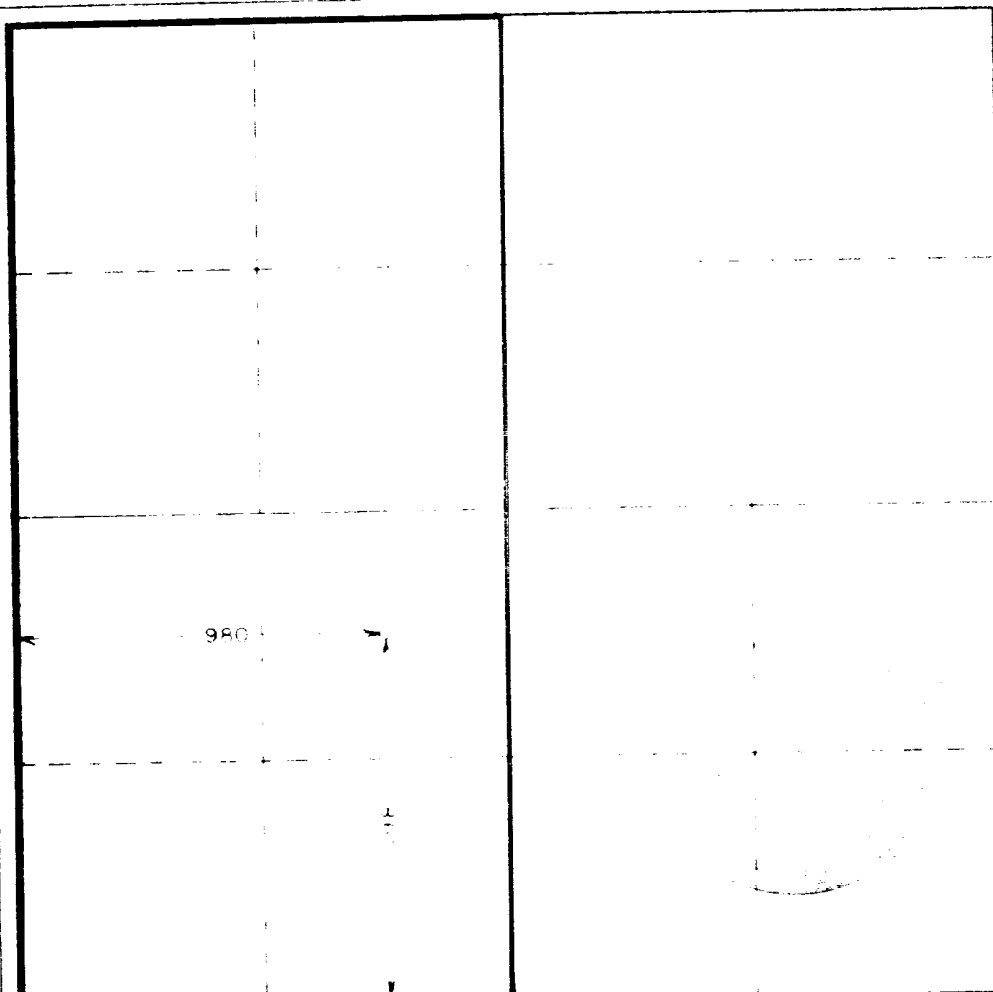
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

December 8, 1977

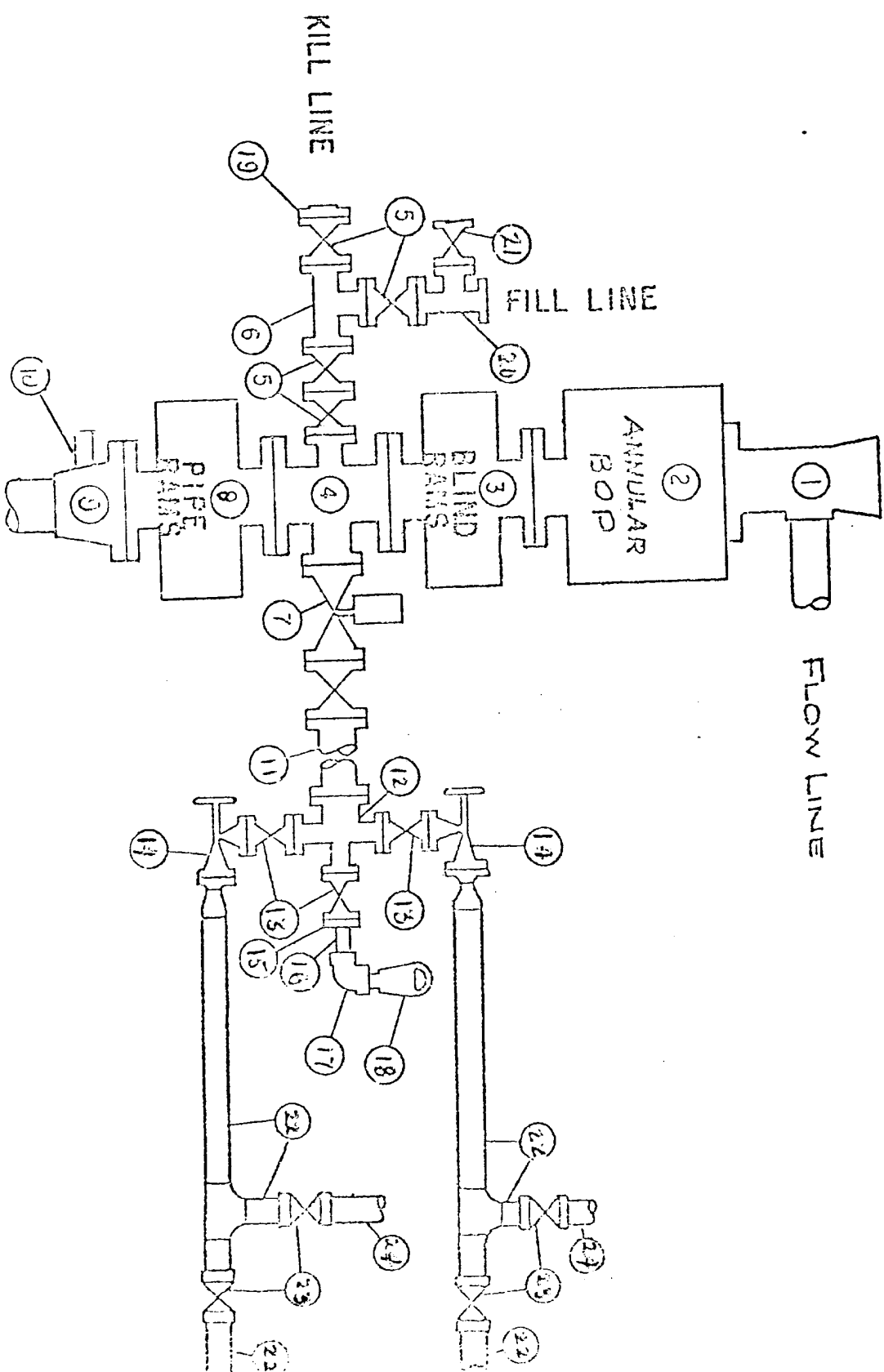
Registered Professional Engineer
Professional No. _____

John W. West
Professional Engineer

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WEK DRILLING CO., INC. - RIG 2
BLOWOUT PREVENTER SPECIFICATION



T-10

10/15/74

WELLS DRILLING CO., INC. - FIG 2
EQUIPMENT DESCRIPTION

All equipment should be at least 3,000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril bag type preventer
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 3-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 2-inch gate valve.
8. Ram type pressure operated blowout preventer with pipe rams.
9. Flanged type casing head with one side outlet.
10. 2-inch threaded (or flanged) plug or gate valve.
Flanged on 5000# WP, threaded on 3000# WP or less.
11. 3-inch flanged spacer spool.
12. 3-inch by 2-inch by 2-inch by 2-inch flanged cross.
13. 2-inch flanged plug or gate valve.
14. 2-inch flanged adjustable choke.
15. 2-inch threaded flange.
16. 2-inch XXH nipple.
17. 2-inch forged steel 90° Ell.
18. Cameron (or equal.) threaded pressure gage.
19. Threaded flange.
20. 2-inch flanged tee.
21. 2-inch flanged plug or gate valve.
22. 21-inch pipe, 300' to pit, anchored.
23. 21-inch SE valve.
24. 21-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 8 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LSW and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.