

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

30-045-2430

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 010063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lucerne A

9. WELL NO.

#1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec 17 T28N R11W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

Pioneer Production Corp.

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM

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

1010' FNL - 810' FEL

At proposed prod. zone

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

2-1/2 miles southwest of Bloomfield, NM

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

810'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 N/320

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

3480'

19. PROPOSED DEPTH

6350'

20. ROTARY OR CABLE TOOLS

Rotary

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

5604' GL

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

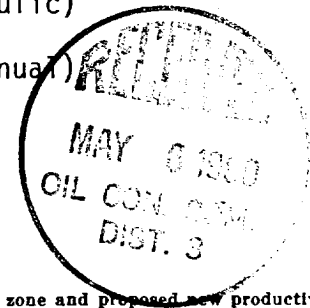
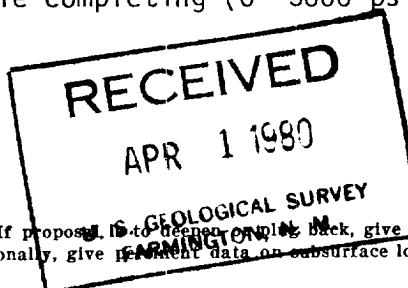
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------------------|
| 12-1/4" | 8-5/8" | 24# | 500' | 275 sx class "B" 2% CaCl ₂ |
| 7-7/8" | 4-1/2" | 11.6# | 6350' | 920 sx in two stages |

Plan to drill with mud to test Basin Dakota Formation. Plan to run IES log to TD. If productive, will set 4-1/2" casing, cement in two stages, selectively perforate, frac, clean out after frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic)

Plan to use BOP rental while completing (6" 3000 psi double gate manual)

NMERB: Gas dedicated



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed to deepen, complete back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give present data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

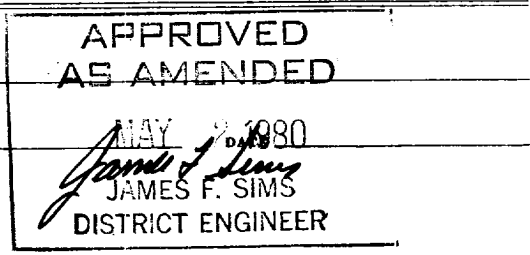
24. SIGNED Thomas A. Dugan TITLE Agent DATE 3-31-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:
 ok Frank



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1
Supersedes C-124
Effective 1-1-65

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

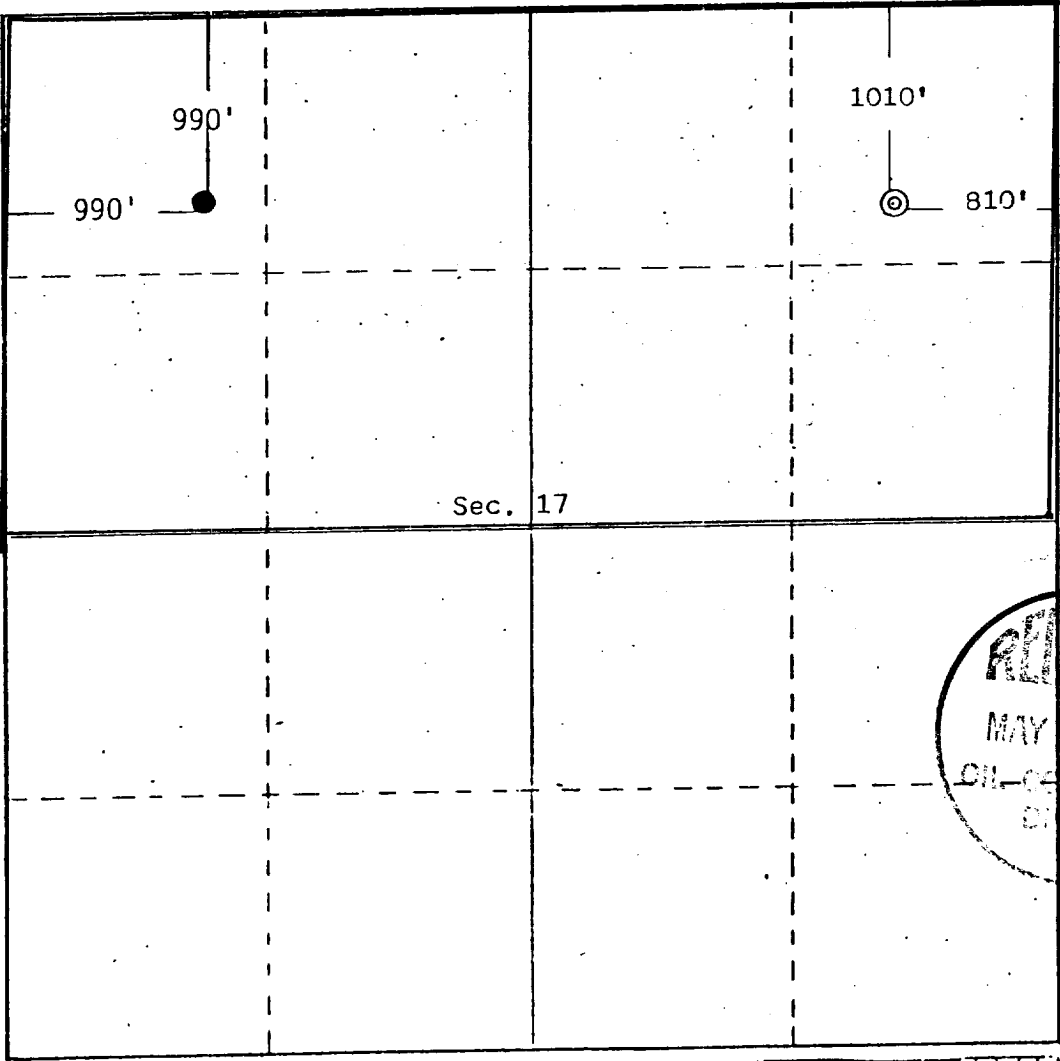
| | | | | |
|--|--------------------------------------|-----------------------------|--|---------------------------|
| Operator Pioneer Production Corporation | | Lessee Lucerne A | | Well No. A-1E |
| Unit Letter A | Section 17 | Township 28 North | Range 11 West | County San Juan |
| Actual Footage Location of Well: 1010 feet from the North line and 810 feet from the East line. | | | | |
| Ground Level Elev. 5604 | Producing Formation Dakota | Pool Basin | Dedicated Acreage: 320 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.

Thomas A. Dugan
Name
Thomas A. Dugan
Position
Agent
Company
Pioneer Production Corp.
Date
3-31-80

Edgar L. Risenhoover
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.
REGISTERED LAND SURVEYOR
MAY 10 1980
OIL-SEA
COM.

Date Surveyed
March 27, 1980
Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, L.S.

