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NEW MEXICO OIL CONSERVATION COMMISSION

30-075-24316
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Shepherd & Kelsey	
2. Name of Operator Pioneer Production Corp.		9. Well No. #1E	
3. Address of Operator Box 208, Farmington, NM 87401		10. Field and Pool, or Wildcat Basin Dakota	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>790</u> FEET FROM THE <u>North</u> LINE AND <u>1100</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>29N</u> RGE. <u>11W</u> NMPM		12. County San Juan	
19. Proposed Depth 6200'		19A. Formation Basin Dakota	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5465'	21A. Kind & Status Plug. Bond State Wide	21B. Drilling Contractor Four Corners	22. Approx. Date Work will start ASAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	225'	150 sx	Kirtland
7-7/8"	4-1/2"	10.5#	6200'	875 sx	Basin Dakota

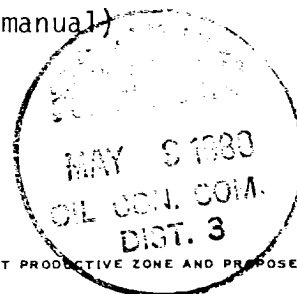
Plan to drill 7-7/8" hole w/mud to test the Basin Dakota Formation. Plan to run IES and CDL logs to TD. If productive, plan to set 4-1/2" casing, selectively perforate, frac, clean out after frac, run 1-1/2" tubing and complete well.

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.

8-7-80



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Thomas A. Dugan Title Agent Date 5-8-80
(This space for State Use)

APPROVED BY Samuel S. Chavira TITLE Commissioner DATE MAY 9 1980

CONDITIONS OF APPROVAL, IF ANY:

**NEW 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.

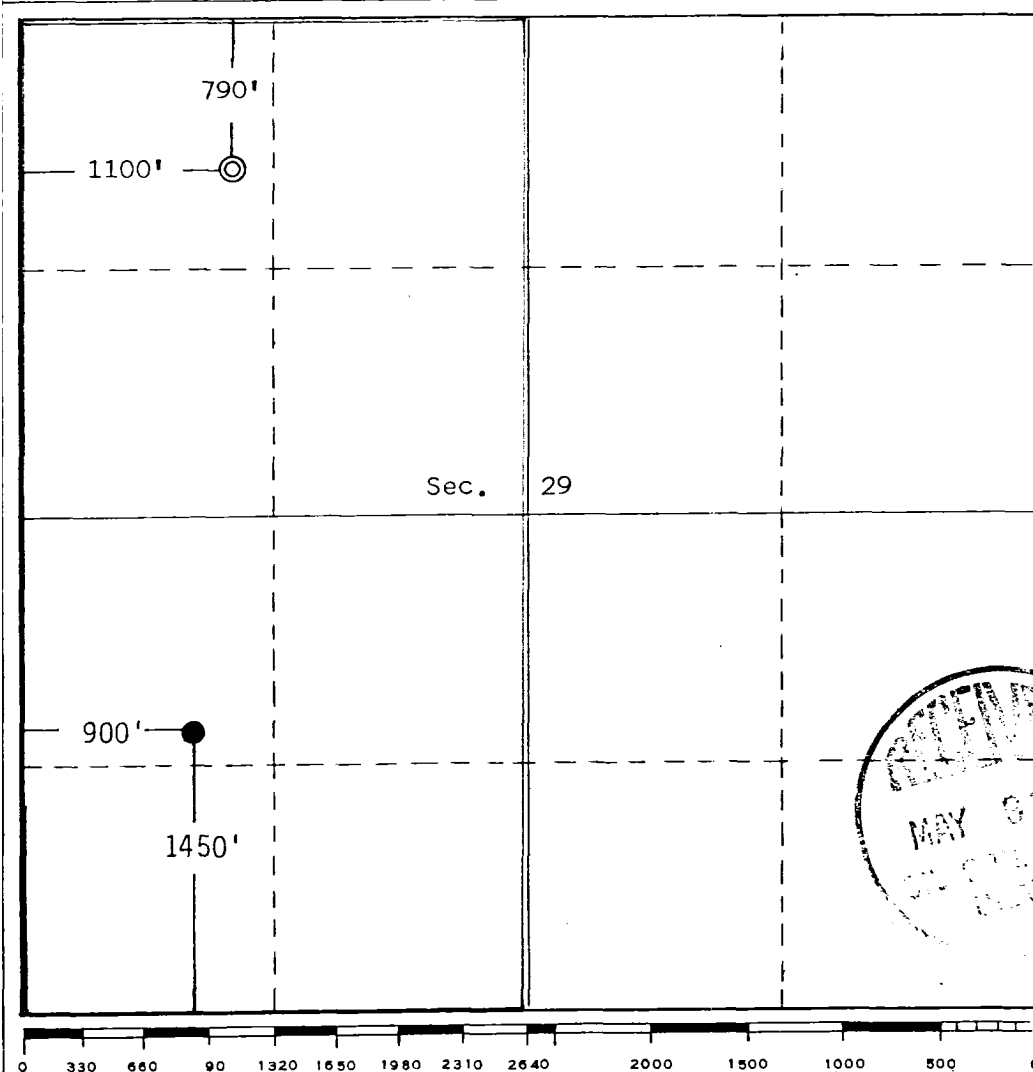
Operator Pioneer Production Corporation			Lessee Shepherd & Kelsey		Well No. #1E
Unit Letter D	Section 29	Township 29 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 1100 feet from the West line					
Ground Level Elev. 5396	Producing Formation Dakota		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
5-8-80

Edgar L. Risenhoover
I hereby certify that the location shown on this plat was plotted from field notes or 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
November 14, 1979

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. **5979**

Edgar L. Risenhoover, L.S.