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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

30-03920925

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Hillcrest
2. Name of Operator Dugan Production Corp.		9. Well No. 1
3. Address of Operator Box 234, Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>460'</u> FEET FROM THE <u>South</u> LINE AND <u>2220</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>9</u> TWP. <u>1 S</u> RGE. <u>2 E</u>		11. Survey M & B Survey
		12. County Rio Arriba
19. Proposed Depth 1500		19A. Formation Dakota-Morrison
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 7825' GR	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Lee Wilson
		22. Approx. Date Work will start 7-1-74

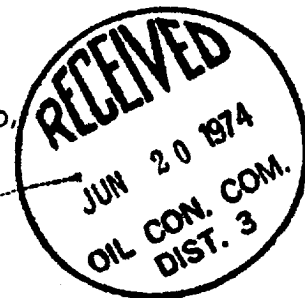
23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4	7"	20	100	50	Surface
6 1/4	4 1/2"	10.5	1500	150	100'

Plan to drill well using mud as a circulating medium to test the Dakota-Morrison formations. We plan to use mud logging unit while drilling. We will run IES and Density log at T.D. If productive, we plan to set 4½" casing at T.D., selectively perforate, stimulate and complete well.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 9-23-74



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 Original signed by T. A. Dugan Title Engineer Date 6-18-74

(This space for State Use)

APPROVED BY Emory C. Caves TITLE SUPERVISOR DIST. #7 DATE 6-24-74

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 Dugan Production Corp.		Lease Hillcrest		Well No. 1
Unit Letter N	Section 9	Township 1 South	Range 2 East	County Rio Arriba
Actual Footage Location of Well: 460 feet from the South line and 2220 feet from the West line				
Ground Level Elev. 7825	Producing Formation Dakota-Morrison	Pool Wildcat	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 _____

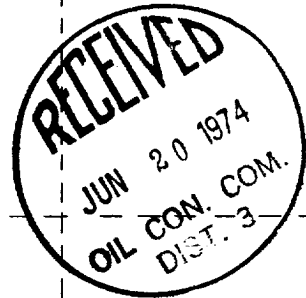
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

Based on the Martin & Borders survey and Herron Base line, Tierra Amarilla Grant.
Sec. 9

2220'

460'

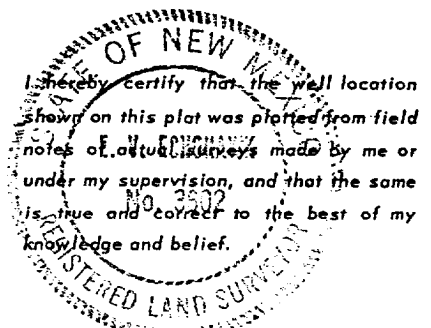


CERTIFICATION

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

Original signed by T. A. Dugan

Name	Thomas A. Dugan
Position	Engineer
Company	Dugan Production Corp.
Date	6-18-74



Date Surveyed	June 5, 1974
Registered Professional Engineer and/or Land Surveyor	E.V. Echhawk
Certificate No.	3602
	E.V. Echhawk LS

