

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

5 NMOCD 1 File

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Barcelona
2. Name of Operator DUGAN PRODUCTION CORP.		9. Well No. 1
3. Address of Operator P O Box 208, Farmington, NM 87499		10. Field and Pool, or Wildcat Wildcat PC
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>1850</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>23</u> TWP. <u>30N</u> RGE. <u>15W</u> NMPM		12. County San Juan
19. Proposed Depth 740'		19A. Formation Pictured Cliffs
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5365' GL
21A. Kind & Status Plug. Bond state-wide bond		21B. Drilling Contractor Morrow Drilling Company
22. Approx. Date Work will start October, 1986		

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"	23#	90'	27 cu.ft.	surface
5-1/8"	2-7/8"	6.5#	740'	136 cu.ft.	surface

Plan to drill with as little mud as possible, using the slim-hole technique to test the Pictured Cliffs formation. Plan to run IES log, and if the well appears productive, will set 2-7/8" casing, cemented to surface. Will selectively perforate, possibly frac and clean out after frac.

BOP will be used during drilling and completing well.

APPROVAL EXPIRES 3-9-87
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
SEP 09 1986
OIL CON. DIV.
DIST. 3

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 Sherman E. Dugan Title Geologist Date 9-3-86
(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

SEP 9 1986

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

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

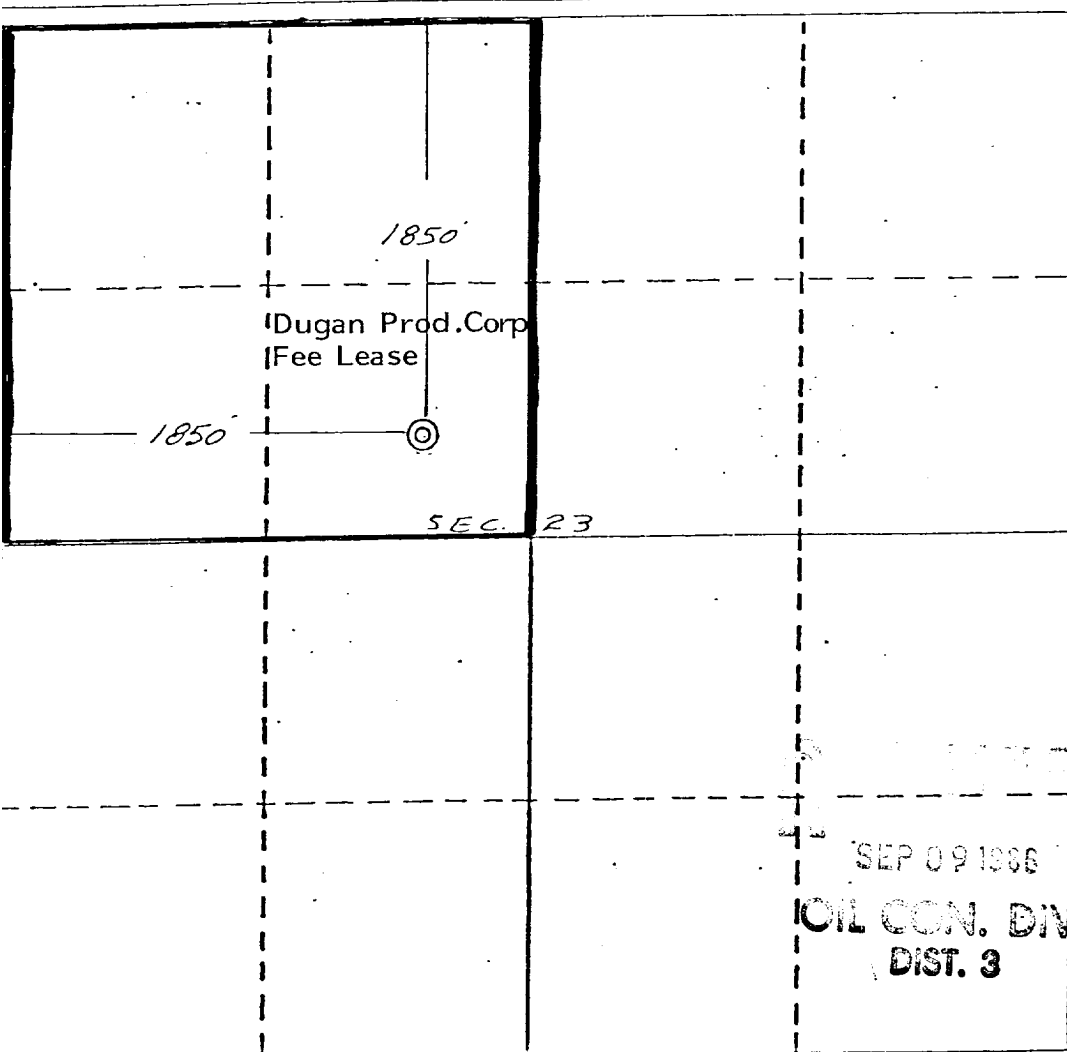
Operator Dugan Production Corporation		Lease Barcelona		Well No. 1	
Unit Letter F	Section 23	Township 30 North	Range 15 West	County San Juan	
Actual Postage Location of Well:					
1850 feet from the North line and		1850 feet from the West line			
Ground Level Elev. 5365	Producing Formation Pictured Cliffs	Pool Wildcat	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.

SEP 09 1986
OIL CON. DIV.
DIST. 3

CERTIFICATION

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

Name

Jim L. Jacobs

Position

Geologist

Company

Dugan Production Corp.

Date

9-3-86

I hereby certify that the location shown on this plat was properly noted of actual location 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

August 28, 1986

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.