

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

Dugan Production Corp.

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87401

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

At surface

1520' FSL - 1700' FEL

At proposed prod. zone

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

10 miles west of Lindrith Station

15. DISTANCE FROM PROPOSED*

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

1520'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

0'

19. PROPOSED DEPTH

2620'

20. ROTARY OR CABLE TOOLS

Rotary

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

7075' GL

22. APPROX. DATE WORK WILL START*

ASAP

23.

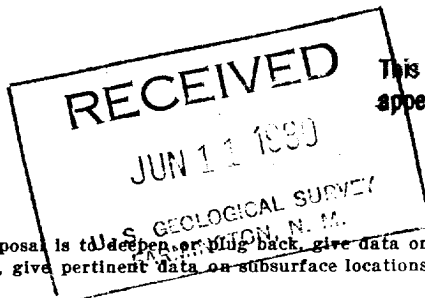
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	7"	20#	90'	Cement w/35 sx circulate
4-3/4"	2-7/8"	6.4#	2620'	125 sx

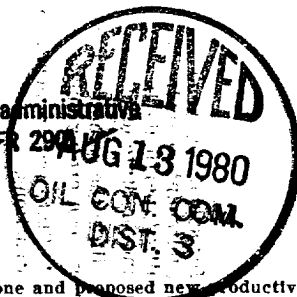
Plan to drill 4-3/4" hole to test the Pictured Cliffs Formation. Plan to run IES log to TD. If productive, plan to set 2-7/8" tbq for csg, cement, selectively perforate, frac, clean out after frac, run 1-1/4" tbq and complete well.

Plan to use 3000 psi BOP per attached schematic diagram. Will use master valve and stripper head while completing well.

NMERB: Gas not dedicated.



This action is subject to administrative
appeal pursuant to 30 CFR 290.17



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

Sherman E. Dugan

TITLE

Geologist

DATE

6-11-80

(This space for Federal or State office use)

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

JUN 30 1980

CONDITIONS OF APPROVAL, IF ANY

JAMES F. SIMS

DISTRICT ENGINEER

SEE INSTRUCTIONS ON REVERSE SIDE

DATE

*See Instructions On Reverse Side

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.

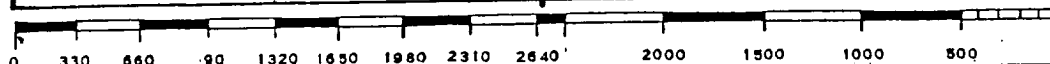
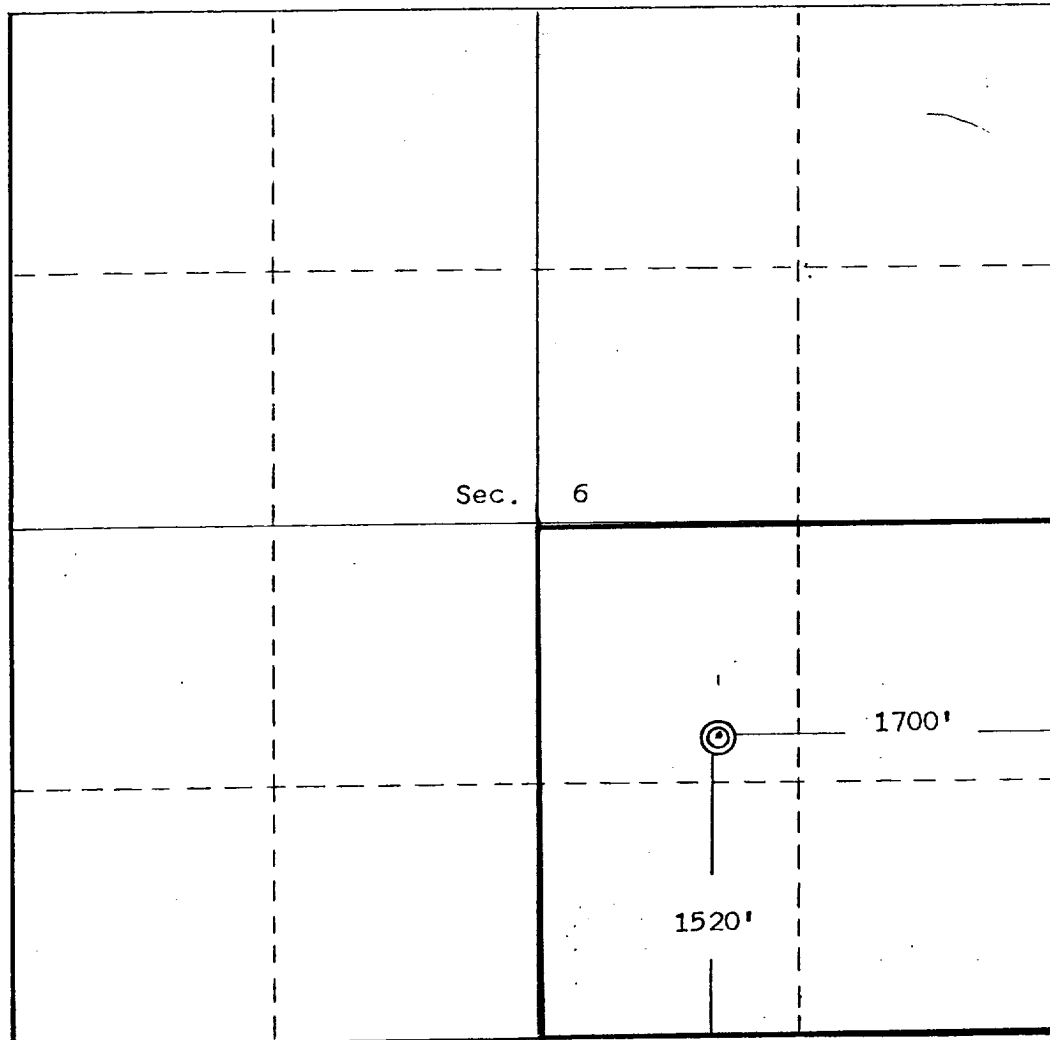
Operator Dugan Production Corporation			Lease <i>Mexico St</i>		Well No. 1
Unit Letter J	Section 6	Township 24 North	Range 7 West	County Rio Arriba	
Actual Footage Location of Well: 1520 feet from the South line and 1700 feet from the East line					
Ground Level Elev. 7075	Producing Formation Pictured Cliffs	Pool Wildcat <i>Ballard Exp</i>	Dedicated Acreage: 160 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.



<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Sherman E. Dugan</i></p>	
Name	Sherman E. Dugan
Position	Geologist
Company	Dugan Production Corp.
Date	6-11-80
<p>I hereby certify that the 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.</p>	
Date Surveyed	June 8, 1980
Registered Professional Engineer and/or Land Surveyor	
<i>Edgar L. Risenhoover</i>	
Certificate No.	5979
Edgar L. Risenhoover, L.S.	