

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. N00-C-14-20-5542		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotted		
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87499		8. FARM OR LEASE NAME Pacheco		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 810' FNL - 1850' FEL At proposed prod. zone		9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 5 miles SE of Blanco Trading Post		10. FIELD AND POOL, OR WILDCAT W.S. Undesignated Gallup		
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 810' FNL		11. SEC., T., R., M., OR RLK. AND SURVEY OR AREA B Sec. 13 T24N R9W, NMPM		
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1 mile NW Blanco Wash #7		19. PROPOSED DEPTH 5360		
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* ASAP		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6635' GL		23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" CEMENTING PROGRAM appeal pursuant to 30 CFR 290		
SIZE OF HOLE 12-1/4" 7-7/8"	SIZE OF CASING 8-5/8" 4-1/2"	WEIGHT PER FOOT 24# 10.5#	SETTING DEPTH 200' 5360'	QUANTITY OF CEMENT 147 cf circulated to surface 1208 cf in 2 stages

Plan to drill a 12 1/4" hole to set 200' of surface casing; then plan to drill 7-7/8" hole to total depth with gel-water-mud program to test the Gallup formation. Plan to run IES and CDL logs. If deemed productive, will run 4 1/2" casing, selectively perforate, frac, clean out after frac, and complete well.

RECEIVED

MAY 10 1984

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. 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
Sherman E. Dugan
(This space for Federal or State office use)TITLE GeologistDATE 2-15-84

PERMIT NO. _____

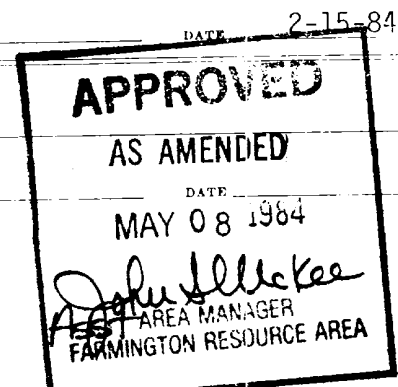
APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions On Reverse Side

NMOCC



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

Operator Dugan Production Corporation			Lease Pacheco		Well No. 1
Unit Letter B	Section 13	Township 24 North	Range 9 West	County San Juan	
Actual Footage Location of Well:					
810 feet from the North line and		1850 feet from the East line			
Ground Level Elev. 6635	Producing Formation Gallup	Pool Undesignated Gallup		Dedicated Acreage: 40	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.

Sec. 13			

CERTIFICATION

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

Sherman E. Dugan

Name

Sherman E. Dugan

Position

Geologist

Company

Dugan Production Corp.

Date

2-15-84

I have examined the location shown on this plat was located from field notes of actual surveys made by me or under my supervision and that the same is correct to the best of my knowledge.

Date Surveyed

February 6, 1984

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

DUGAN PRODUCTION CORP. - Pacheco #1
Planned Access Road(s) Exhibit E

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills

Surfacing material

- Turnouts

Culverts

☒ Gates **NO ACCESS REQUIRED**

~~1111~~ Cattleguards 1111

/// Fence cuts

Conditions good

Other _____

