

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 23470	
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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 Fairway	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL - 660' FWL At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles west of Nageezi Trading Post		10. FIELD AND POOL, OR WILDCAT Undesignated Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' FSL - 660' FWL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA M Sec. 1, T23N, R10W, NMPM	
16. NO. OF ACRES IN LEASE 40		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. 1800' - DPC Witty #4		19. PROPOSED DEPTH 4950'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* January 1, 1985	
22. ELEVATIONS (Show whether DEPT. OR OPERATIONS AUTHORIZED ARE 6798' GL SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"		23. THIS ACTION IS SUBJECT TO ADMINISTRATIVE appeal pursuant to 30 CFR 2901	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	32#	200'
7-7/8"	4-1/2"	10.5#	4950'
		150 cf circulated to surface	
		1676 cf circulated to surface	

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 24#, K-55 surface casing; then plan to drill a 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", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

JAN 08 1985
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

Geologist

(This space for Federal or State office use)

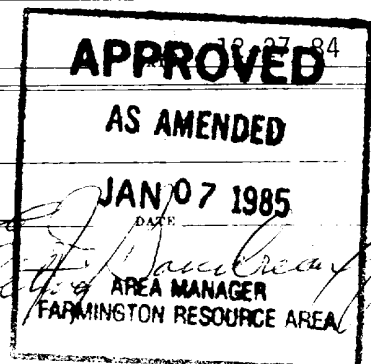
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

NMSCC

APPROVED

10-28-1961

10-28-1961

10-28-1961

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

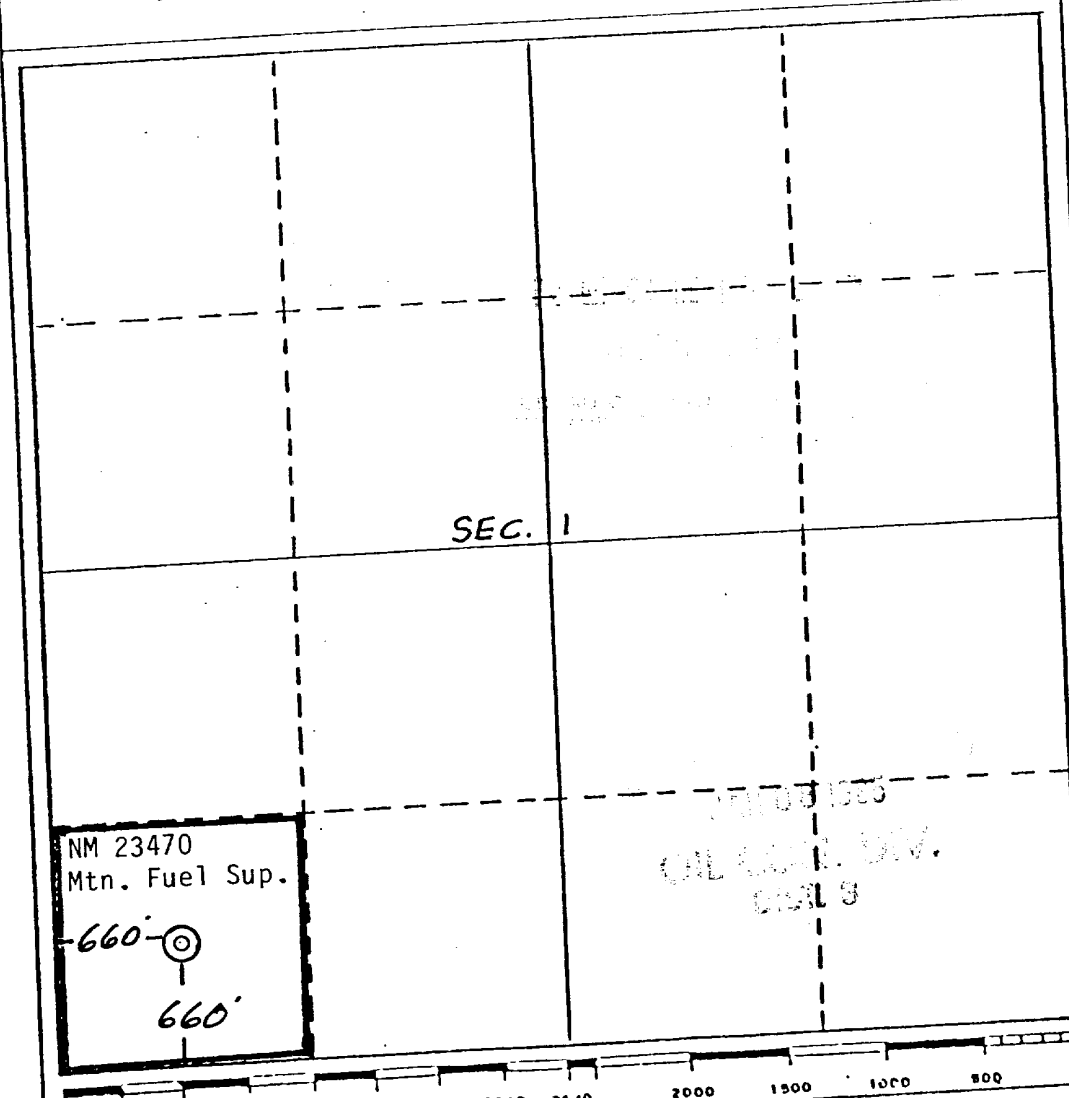
Operator Dugan Production Corporation			Lease Fairway		Well No. 1
Unit Letter M	Section 1	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line			Dedicated Acreage: 40 Acres		
Ground Level Elev. 6798	Producing Formation Gallup	Pool Undesignated Gallup			

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.



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
12-7-84

I hereby certify that the location shown on this plat was from field notes of actual survey 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 30, 1984






Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

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

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

Width 30' Maximum grades 2%
Drainage design None
Cuts & Fills None
Surfacing material

 Turnouts
 Culverts
 Gates
 Cattleguards
 Fence cuts

None

Access road(s) do/do not cross Fed Ind land

