

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

P O Box 208, Farmington, NM 87499

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

At surface

330' FSL - 330' FWL

At proposed prod. zone

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

8 miles west of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 330' FSL
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

560

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. B#1 (Pic. Cliffs)

900'-Anderson

19. PROPOSED DEPTH

7950'

20. ROTARY OR CABLE TOOLS

Rotary

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

7050' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED"PROPOSED CASING AND CEMENTING PROGRAM
GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

ASAP

23.

This action is subject to administrative
appeal pursuant to 30 CFR 290.
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	43#	200'	120 cf Class "B"+2% CaCl circ. to surface
7-7/8"	4-1/2"	10.5#&11.6#	7950'	2124 cf in 3 stages

Plan to drill a 12-1/4" hole and set 9-5/8" OD, 43#, K-55 surfacing casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Dakota formation. Plan to run IES and CDL logs. If deemed productive, will run 4-1/2", 10.5#& 11.6#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

GAS NOT DEDICATED.

RECEIVED
OCT 10 1985
NOV 06 1985BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREAOIL 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

Dugan TITLE

Geologist

DATE 12-5-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Held C-104
for completion of log
1/9/86*

*See Instructions On Reverse Side

NMOCC

NOV 01 1985

J. L. Stan McKee

M. MILLENBACH
AREA MANAGER

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

Operator Dugan Production Corporation		Lease Leeson		Well No. 1
Unit Letter M	Section 33	Township 25 North	Range 3 West	County Rio Arriba
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line				
Ground Level Elev. 7020	Producing Formation Gallup-Dakota	Pool West Lindrith Gallup-Dakota DK Pool	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 Will be communitized.

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.

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JUL 10 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

SEC. 33

NOV 06 1985

OIL CON. DIV.
DIST. 3

SF 080536
Frank O. Elliott
50%
Edna I. Hall
50%

NM 06855
Dugan Prod.
100%

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

12-5-84

EDGAR L. RISENHOOVER
REGISTERED LAND SURVEYOR
NEW MEXICO
5979

I have surveyed the location shown on this plat 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.

Date Surveyed

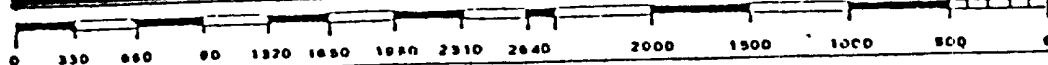
November 21, 1984

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.



DUGAN PRODUCTION CORP. - Leeson #1
Existing Roads

Exhibit E

Distance from nearest town or reference pt.
8 miles west of Lindrith, New Mexico

Type of surface Dirt

Conditions Good

Other

DUGAN PRODUCTION CORP. - Leeson #1
Planned Access Road(s)

Exhibit E

Width 30' Maximum grades 1%

Drainage design None Required

Cuts & Fills None

Surfacing material None

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

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

