

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25164

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-4313

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lava Falls

9. WELL NO.

#1

10. FIELD AND POOL OR WILDCAT

Lybrook
Undesignated Gallup ext11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 27 T24N R8W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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 87401

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

At surface

2310' FSL - 2310' FEL

At proposed prod. zone

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

8 miles east of Nageezi, NM

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2640'

19. PROPOSED DEPTH

5450'

20. ROTARY OR CABLE TOOLS

Rotary

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

6770' GL

22. APPROX. DATE WORK WILL START*

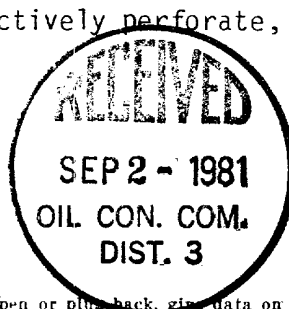
ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	135 sx class B to surface
7-7/8"	4-1/2"	10.5#	5450'	1600 cu.ft. in 2 stages.

Plan to drill a 12 1/4" hole with spud mud to approx. 200' to set surface casing. Will circulate to surface. Then will drill a 7-7/8" hole to approx. 5450' to test the Gallup formation. Will run IES and CDL logs and, if productive, will run casing, selectively perforate, frac, clean out after frac and complete well.



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

Jerome P. McHugh Jr.

TITLE

Landman

DATE 8-14-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator Dugan Production Corporation		Lease Lava Falls		Well No. 1
Unit Letter J	Section 27	Township 24 North	Range 8 West	County San Juan
Actual Footage Location of Well: 2310 feet from the South line and 2310 feet from the East line				
Ground Level Elev. 6770	Producing Formation Gallup	Pool Undesignated Gallup	Dedicated Acreage: 40 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). NA
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? NA

☐ 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. 27	
2310'	
100% D.P.C.	
2310'	



CERTIFICATION

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

Jerome P. McHugh Jr.
Name

Jerome P. McHugh Jr.

Position

Landman

Company

Dugan Production Corp.

Date

8-14-81

I hereby certify that the location shown on the 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.



Date Surveyed

August 5, 1981

Registered Professional Engineer
and/or Land Surveyor

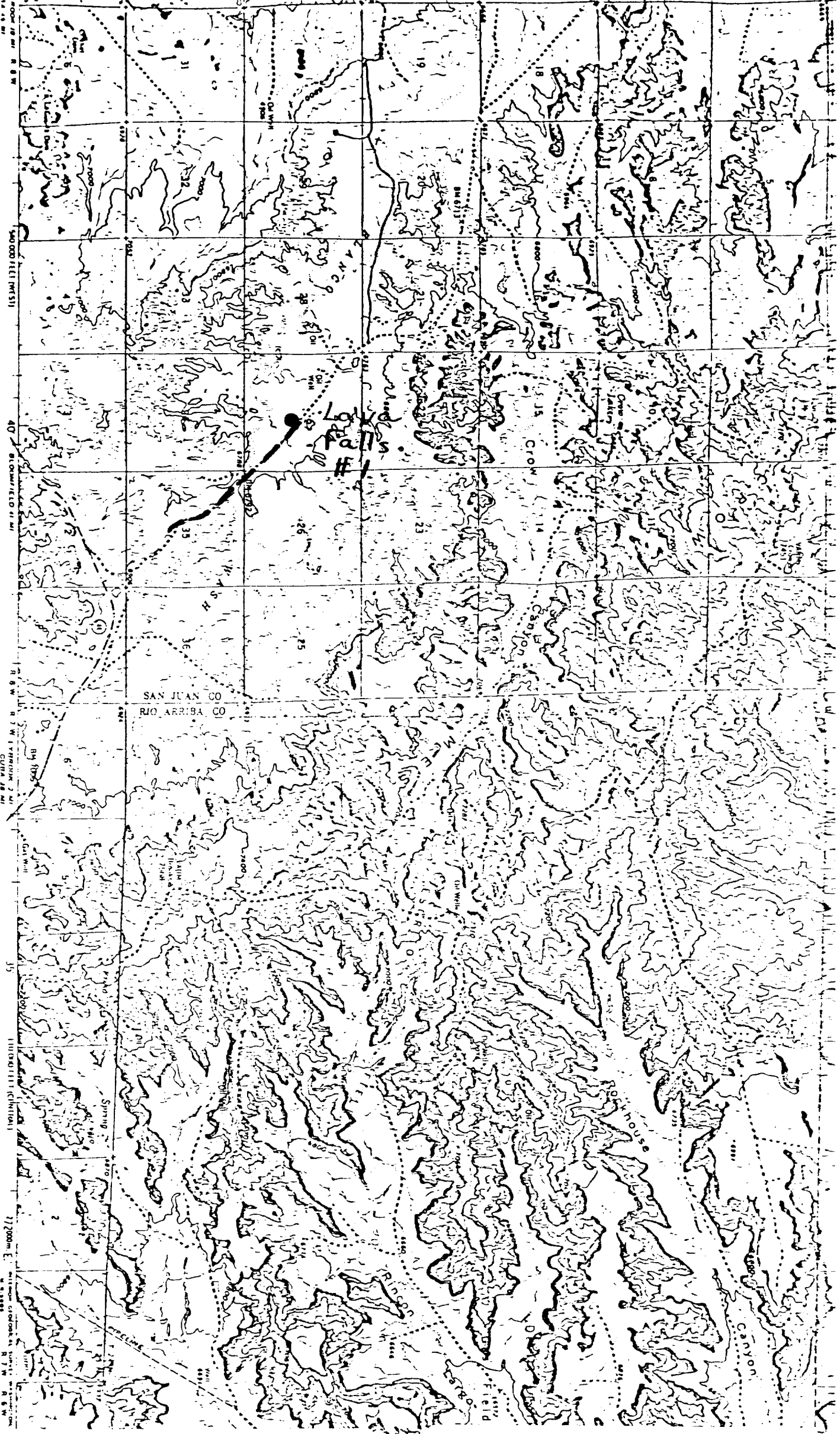
Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.

ROAD CLASSIFICATION

Medium duty	—————	Light duty
Unimproved dirt		
☐ State Route		



DUGAN PRODUCTION CORP.

Lava Falls #1

Existing Road
Access Road