

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

30-039-24011

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

FOUR CORNERS EXPLORATION CO.

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

990' FSL - 1680' FEL

At proposed prod. zone

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

approximately 7 1/2 miles NW of Counselors, NM

15. DISTANCE FROM PROPOSED*

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

360'

16. NO. OF ACRES IN LEASE

760 149

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETION,
OR APPLIED FOR, ON THIS LEASE, FT.approx 844' SE of Byron Oil's Dunn
Federal #1

19. PROPOSED DEPTH

5760'

20. ROTARY OR CABLE TOOLS

Rotary

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

7120' GL; 7132' RKB

22. APPROX. DATE WORK WILL START*

ASAP

23. DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS".

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLES	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-5/8"	24#	200'	
7-7/8"	4-1/2"	10.5#	5760'

Plan to drill a 12 1/4" hole and set 200' of 8-5/8" OD, 24#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

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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

Barbara Williams

TITLE

Petroleum Engineer

DATE 2-3-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

/s/ J. Stan McKee

NMOCC

*See Instructions On Reverse Side

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

Operator Four Corners Exploration Company		Lease Lybrook		Well No. 1
Unit Letter 0	Section 4	Township 23 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 990 feet from the South line and 1680 feet from the East line				
Ground Level Elev. 7120	Producing Formation Gallup	Pool Lybrook 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).
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.

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

SEC. 4

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OIL CON. DIV.

DIST. 3

Four Corners
Explor. Co. ©

Ls. #SF-078272-C

990'

1680'

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 **2-3-86**

EDGAR L. RISENHOOVER

REGISTERED LAND SURVEYOR

5979

I hereby certify that the location shown on this plat was plotted 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
January 21, 1986

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. **5979**

Edgar L. Risenhoover, L.S.



