

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DIST. AS TION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒  
5. State Oil & Gas Lease No.

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"/>		7. Unit Agreement Name KIRTLAND
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"/>		8. Farm or Lease Name KIRTLAND
2. Name of Operator Caribou Four Corners, Inc.		9. Well No. 12
3. Address of Operator Box 2105, Farmington, NM 87413		10. Field and Pool, or Wildcat Cha Cha Gallup Ext.
4. Location of Well UNIT LETTER <u>Q</u> LOCATED <u>800</u> FEET FROM THE <u>South</u> LINE AND <u>1885</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>7</u> TWP. <u>29N</u> RGE. <u>14W</u> NMPM		12. County San Juan
19. Proposed Depth approx. 4800		19A. Formation Gallup
20. Rotary or C.T. rotary to TD		21. Elevations (Show whether DF, RT, etc.) 5195
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor LLL Drilling
22. Approx. Date Work will start Sept. 10		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2	8 5/8	23#	350	275	Circ
7 7/8	4 1/2	10.5	4800	1200	Circ

I Drill to approx. 350 with cable tool and set 8 5/8 23# csg. w/275sacks cement - cement should circulate

II Move in rodary and drill to approx. 4800ft. BOP will be in use

III Mud logger will be on well during rotary drilling

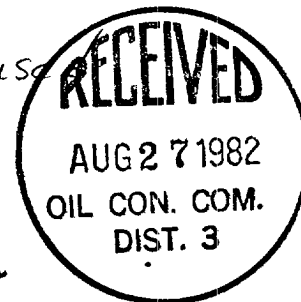
IV Log w/Later-log SFL and FDL-CNL

V Run csg. to TD and cement in two stages

VI Set DV tool at approx. 3300' cement bottom stage w/400 sacks and cement top with stage w/800 sacks cement

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 2-27-83



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Larry Smith Title Production Foreman Date 8/27/82

(This space for State Use)

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT #3 DATE 8/27/82

CONDITIONS OF APPROVAL, IF ANY:

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

Operator <b>CARIBOU-FOUR CORNERS, INCORPORATED</b>			Lease <b>KIRTLAND</b>		Well No. <b>12</b>
Unit Letter <b>0</b>	Section <b>7</b>	Township <b>29N</b>	Range <b>14W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>800</b> feet from the <b>South</b> line and <b>1885</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5195</b>	Producing Formation <b>Gallup</b>		Pool <b>Cha Cha Ext.</b>		Dedicated Acreage: <b>80</b> 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 Force-polling

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 Commission.

Sec. 7

800'

1885'

## CERTIFICATION

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

Name Larry Smith  
 Position Production Foreman  
 Company Caribou 4 Corners, Inc.  
 Date 8/27/82

I hereby certify that the well location shown on this 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 May 26, 1982  
 Registered Professional Engineer and Surveyor  
Fred B. Kery Jr.  
 Certificate No. 3950

Scale: 1"=1000'

JUAN CO. DEPARTMENT OF THE INTERIOR  
TOPOGRAPHIC GEOLOGICAL SURVEY

FEET 734 108° 22' 30"

735000m E.

R. 15 W. R. 14 W.

737

738 20'

