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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Formal 08-01-83
Page 1

**REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

RECEIVED

MAR 09 1984

**OIL CON.
DIST. 3**

GREENWOOD RESOURCES INC.

315 Inverness Way South Englewood, Colorado 80112-5898

on(s) for filing (Check proper box)

New Well ☐ Change in Transporter of:
 Recombination ☒ Oil ☐ Dry Gas
 Change in Ownership ☐ Casinghead Gas ☐ Condensate

Other (Please explain)

Change of ownership give name
address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name Kirtland	Well No. 4	Pool Name, including Formation NW Cha-Cha Gallup	Kind of Lease State, Federal or Fee Fee	Lease No.
-----------------------	---------------	---	---	-----------

Well Letter E : 595 Feet From The West Line and 1450 Feet From The North

Line of Section 18 Township 29 North Range 14 West . NMPM, San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> GIANT REFINING CO. Address (Give address to which approved copy of this form is to be sent) P.O. Box 256, Farmington, NM 87499	Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> INTRASTATE GATHERING CORP Address (Give address to which approved copy of this form is to be sent) P.O. Box 32999, San Antonio, TX 78216
Well produces oil or liquids, location of tanks. Unit <u>E</u> Sec. <u>18</u> Twp. <u>29</u> Rge. <u>14</u>	Is gas actually connected? YES When May 23, 1982

If production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Jean M. Griesheimer
(Signature)
production analyst
(Title)
Feb. 24 1984
(Date)

OIL CONSERVATION DIVISION

APPROVED MAR 09 1984, 19
 BY Frank J. [Signature]
 TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allow-
 able on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner
 well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiply
 completed wells.

**BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico**

Case No. _____ Exhibit No. 10
 Submitted by Greenwood
 Hearing Date _____

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JAN 19 1984
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Revised 10-01-78
Format 06-01-83
Page 1
OIL CON. DIV.
DIST. 3

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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TRANSPORTER	OIL
OPERATOR	GAS
PROMOTION OFFICE	

I. Operator Greenwood Resources Inc.

Address 315 Inverness Way South, Englewood, CO 80112-5898

Reason(s) for filing (Check proper box) ☐ New Well ☐ Recompletion ☒ Change in Ownership

Change in Transporter of: ☐ Oil ☐ Casinghead Gas ☐ Dry Gas ☐ Condensate

Other (Please explain) Add Gas transporter

If change of ownership give name and address of previous owner Caribou Four Corners, Inc. P.O. Box 2105, Farmington, NM 87401

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Kirtland</u>	Well No. <u>4</u>	Pool Name, Including Formation <u>NW Cha Cha Gallup</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location Unit Letter <u>E</u> ; <u>595</u> Feet From The <u>West</u> Line and <u>1450</u> Feet From The <u>North</u> Line of Section <u>18</u> Township <u>29N</u> Range <u>14W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>Inland Corporation</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 1528, Farmington, NM 87401</u>					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Intrastate Gathering Corporation</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 32999, San Antonio, TX 78216</u>					
If well produces oil or liquids, give location of tanks.	Unit <u>E</u>	Sec. <u>18</u>	Twp. <u>29N</u>	Rge. <u>14W</u>	Is gas actually connected? <u>Yes</u>	When <u>May 23, 1982</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Paul E. Pouchan
(Signature)
MANAGER of ENGINEERING
(Title)
1/13/84
(Date)

OIL CONSERVATION DIVISION
APPROVED Frank J. Quigley JAN 19 1984
BY Supervisor
TITLE SUPERVISOR DISTRICT #8

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

**REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Caribou Four Corners, Inc.
Address
Rm 219 Transwestern Building, 404 N. 31st Street, Billings, Montana 59101

Persons for filing (check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name **Kirtland** Well No. **4** Pool Name, including Formation **NW Cha Cha Gallup** Kind of Lease **State, Federal or Fee** **Fee**

Location
Unit Letter **E** : **595** Feet From The **West** Line and **1450** Feet From The **North** Line of Section **18** Township **29N** Range **14W** , NMPM, County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)
Inland Corporation P. O. Box 1528, Farmington, New Mexico 87401

Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks. Unit **E** Sec. **18** Twp. **29N** Rge. **14W** Is gas actually connected? ☐ When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Hst'y.	Diff. Hst'y.
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
Date Spudded 9-5-79	Date Compl. Ready to Prod. 10-16-79		Total Depth 4705		P.B.T.D. 4642			
Elevations (D.F., R.A.B., R.T., G.R., etc.) 5153 KB 5143 GL	Name of Producing Formation Gallup		Top Oil/Gas Pay 4448		Tubing Depth 4524 KB			
Perforations 20 holes 4448-4520					Depth Casing Shoe 4705 KB			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 inch	8 5/8		346 KB		275			
7 7/8 inch	4 1/2		4705 KB		875			
	2 3/8		4524 KB					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
10-15-79	10-16-79	Swabbing	
Length of Test 24 hrs	Tubing Pressure 20 psi	Casing Pressure 125 psi	Choke Size
Actual Prod. During Test	Oil-Bbls. 78 BO	Water-Bbls. 60 BW	Gas-MCF 60 vis est.

64.32 A - Dev. oil

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pistol, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Dennis G. Faust
(Signature)
Geologist
(Title)
10-22-79
(Date)

OIL CONSERVATION DIVISION

APPROVED **OCT 22 1979**, 19
BY **W. C. Sengstack**
SUPERVISOR DISTRICT 7
TITLE

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition. Separate Form C-104 must be filed for each pool in multiply completed wells.

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LAND OFFICE		
OPERATOR	1	

NEW MEXICO OIL-CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Revised 1-1-65

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

10. TYPE OF WELL

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

aribou Four Corners, Inc.

3. Address of Operator

219 Transwestern Building, 404 N. 31st St. Billings, Montana 59191

4. Location of Well

UNIT LETTER E LOCATED 595 FEET FROM THE West LINE AND 1450 FEET FROM

North LINE OF SEC. 18 TWP. 29N RGE. 14W NMPM

15. Date Spudded

9-5-79

16. Date T.D. Reached

9-29-79

17. Date Compl. (Ready to Prod.)

10-16-79

18. Elevations (DF, RKB, RT, GR, etc.)

5153 KB 5143' GL

19. Elev. Casinghead

20. Total Depth

4705

21. Plug Back T.D.

4642

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

346-TD

Cable Tools

0-346

24. Producing Interval(s), of this completion - Top, Bottom, Name

44448-4520

Gallup

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

DIL FDC-CNL

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	346	12 inch	275 sx	
4 1/2	9.5 & 10.5	4705	7 7/8 inch	875 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

4448	56	96	16	1 per foot
49	57	4501	17	totaling 20 shots
53	58	02	18	
54	78	08	19	.37 inch diameter
55	79	12	20	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4448-4520	20 shots
	Frack with 50,022 gals, 30#/gal
	gelled wtr and 40,500# 20/40 sd
	and 10,000# 10/20 sd

33. PRODUCTION

Date First Production 10-15-79 Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing Well Status (Prod. or Shut-in) Shut-In

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-16-79	24			78	gd gas	60	769-2
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity (Corr.)	
	275		78	60 vis est.	60		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

None

Test Witnessed by

Harold J. Jledge

35. List of Attachments

None

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

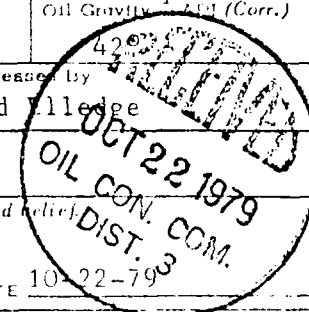
SIGNED

Dennis H. Faust

TITLE Geologist

DATE

10-22-79



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LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator
Caribou Four Corners, Inc.

3. Address of Operator
Rm 219 Transwestern Building, 404 N. 31st Street, Billings, Mont. 59101

4. Location of Well
UNIT LETTER E, 595 FEET FROM THE FWL LINE AND 1450 FEET FROM
THE North LINE, SECTION 18 TOWNSHIP 29N RANGE 14 NMPM.

7. Unit Agreement No.
Kirtland
#4
NW Cha Cha Unit

12. County
San Juan

15. Elevation (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-5-79 Spudded cable tool

9-8-79 TD 346 KB

9-9-79 Ran 332' 8 5/8" 24#

9-21-79 Spudded with rotary tools

9-29-79 TD 4705, Logging

9-30-79 Ran 4717.62" 9.5# & 10.5# 4 1/2"

Set at 4705' KB with 875 sx cement



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

Original signed by:
SIGNED Denny G. Faust TITLE Geologist DATE 10-22-79

APPROVED BY AR [Signature] TITLE SUPERVISOR DISTRICT #3 DATE OCT 22 1979

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-23716
Form C-101
Revised 10-1-70

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SANTA FE	1
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LAND OFFICE	
OPERATOR	1

5A. Indicate Type of Lease
STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name
8. Farm or Lease Name
Kirtland

2. Name of Operator
Caribou Four Corners, Inc.

9. Well No.
#4

3. Address of Operator
Rm 219, Transwestern Bldg, 404 N 31st. St. Billings, MT 59101

10. Field and Pool, or
NW Cha Cha

4. Location of Well
UNIT LETTER E LOCATED 595 FEET FROM THE West LINE
AND 1450 FEET FROM THE North LINE OF SEC. 18 TWP. 29N RGT. 14W NMPW

12. County
San Juan

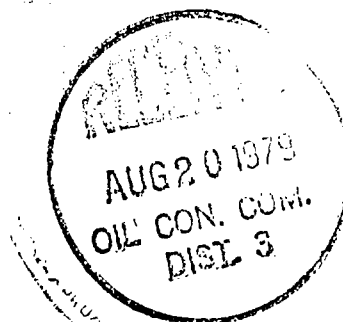
19. Proposed Depth 4700	19A. Formation Sanostee	20. Height of C.T. CT 350'
21. Elevations (Show whether DF, RT, etc.) 5143' GL	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor CT Maness Rotary Odeco
		22. Approx. Date Work will start August 25, 1979

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	24#	350	275	Circ
7 7/8	4 1/2	9.5#	4700	900	Circ

The long string will be two staged 4700-3500, 3200 - surface, A series 8" - 900 LWS double Shaffer BOP will be used on the rotary hole, pressure tested to 1500 lbs.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 11-18-79



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 Dennis G. Faurst Title Geologist Date August 17, 1979

(This space for State Use)

APPROVED BY Frank J. Clave TITLE DEPUTY OIL & GAS INSPECTOR DIST. #3 DATE AUG 20 1979

CONDITIONS OF APPROVAL, IF ANY:

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

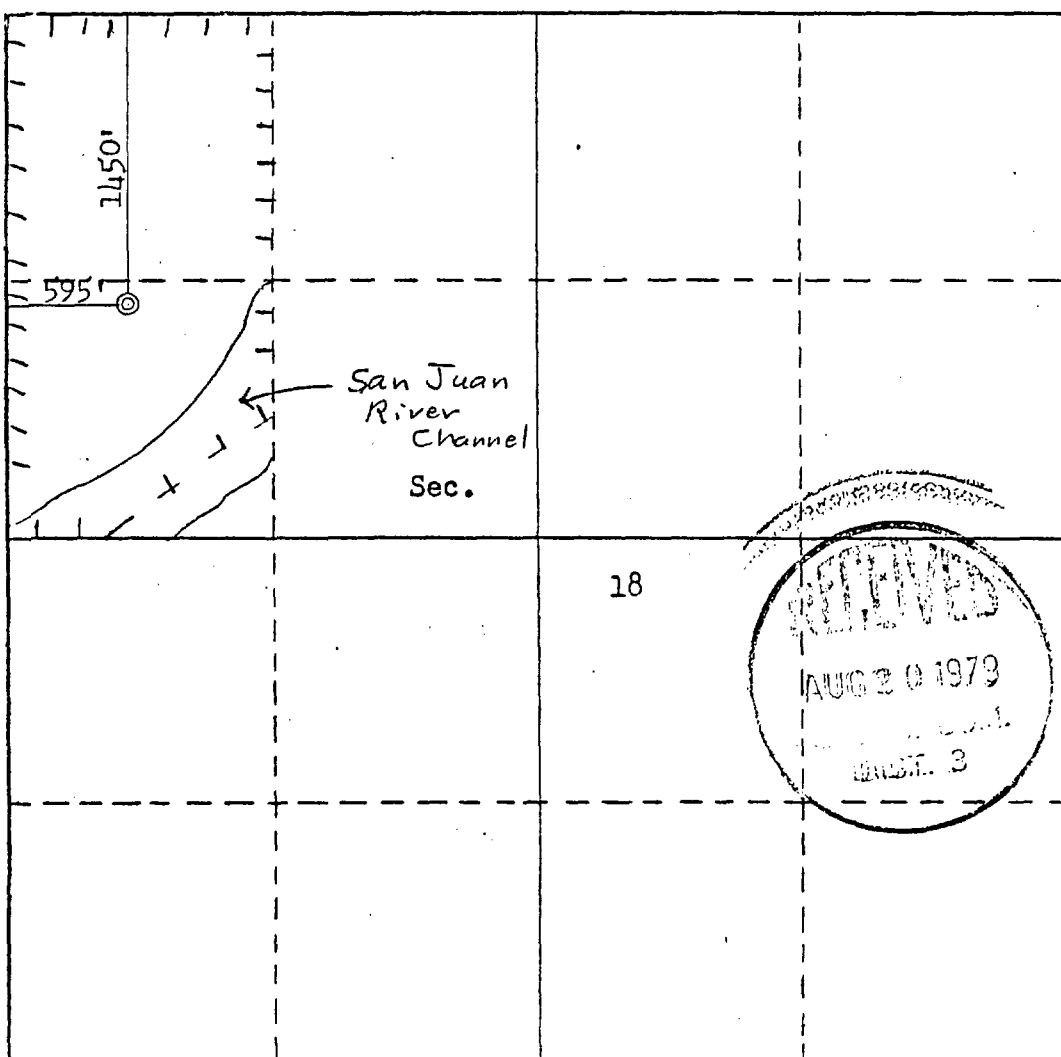
Operator CARIBOU FOUR CORNERS, INCORPORATED			Lease KIRTLAND		Well No. 4
Unit Letter E	Section 18	Township 29N	Range 14W	County San Juan	
Actual Footage Location of Well: 1450 feet from the North line and 595 feet from the West line					
Ground Level Elev. 5143	Producing Formation Gallup		Pool NW Cha-Cha		Dedicated Acreage: 64.32 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 well 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 Commission.



CERTIFICATION

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

Name Denny G. Faust
Position Geologist
Company Caribou Four Corners, Inc.
Date August 17, 1979

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 22, 1979
Registered Professional Engineer and/or Land Surveyor
James E. Kern Jr.
Certificate No. 1313

All lands are fee, Caribou Four Cornes, Inc. has all leases with the exception of 1.1 acres owned by George and Ruby Thomas of Kirtland, who have refused to sign a lease. The force pooling hearing is scheduled for August 22, 1979.

