

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
3600 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells) <u>30-039-25212</u>	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Simms	
8. Well No. 8 <u>(160)</u>	
9. Pool name or Wildcat East Blanco Pictured Cliffs	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐		7. Lease Name or Unit Agreement Name Simms	
1b. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Well No. 8 <u>(160)</u>	
2. Name of Operator Robert L. Bayless		9. Pool name or Wildcat East Blanco Pictured Cliffs	
3. Address of Operator P.O. Box 168, Farmington, NM 87499			
4. Well Location Unit Letter <u>J</u> : <u>1850</u> Feet From The <u>South</u> Line and <u>1500</u> Feet From The <u>East</u> Line Section <u>24</u> Township <u>30N</u> Range <u>4W</u> NMPM <u>Rio Arriba</u> County			
10. Proposed Depth 4165'		11. Formation Pictured Cliffs	
12. Rotary or C.T. Rotary			
13. Elevations (Show whether DF, RT, GR, etc.) 7144' GL; 7156' RKB		14. Kind & Status Plug. Bond	
15. Drilling Contractor Bayless Drilling		16. Approx. Date Work will start ASAP	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24.0#	125'	120/142 ft ³	surface
7 7/8"	4 1/2"	10.5#	4165'	250/315 ft ³	3000' RKB
			(filler cement)	473/975 ft ³	surface

Will drill 12-1/4" hole to 125' and set 125' of a 8-5/8" 24.0#/ft J-55 casing, cementing with 142 ft³ Class B cement, circulated to surface. Will drill 7-7/8" hole to 4165' and run Induction and Density logs to evaluate the Pictured Cliffs in this well. If P.C. appears productive, will run 4165' of 4-1/2" 10.5#/ft J-55 casing and cement with 975 ft³ of Class B cement w/2% Econolite, tailed by 315 ft³ 50/50 pozmix w/2% gel and 10% salt to circulate to surface. Circulating medium will be clear water, natural mud and water loss control additives. No abnormal pressures or temperatures are anticipated. Blowout preventer schematic is attached. The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS: Ojo Alamo - 3250'
Kirtland - 3480'
Fruitland - 3514'

Pictured Cliffs - 3796'
Lower P.C. - 4025'
Total Depth - 4165'

RECEIVED
AUG 13 1992

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.

SIGNATURE Price M. Bayless TITLE Petroleum Engineer DATE 8/12/92

TYPE OR PRINT NAME Price M. Bayless

TELEPHONE NO. 326-2650

(This space for State Use)

APPROVED BY Erica Borch

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

AUG 13 1992

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 2-13-93
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ROBERT L. BAYLESS			Lease SIMMS		Well No. 8
Unit Letter J	Section 24	Township 30 N	Range 4 W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1500 feet from the East line					
Ground level Elev. 7144	Producing Formation PC		Pool EAST BLANCO		Dedicated Acreage: 160 Acres

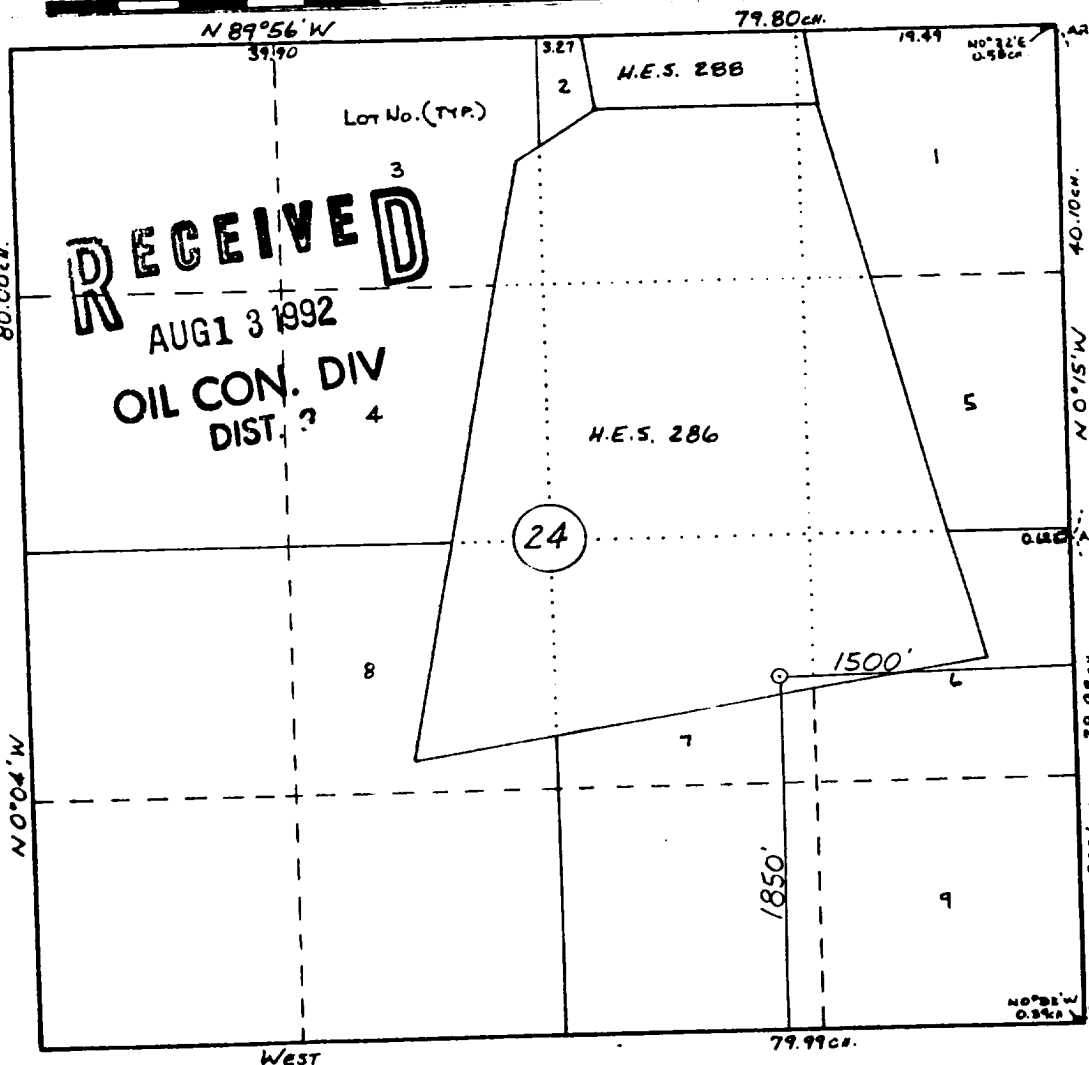
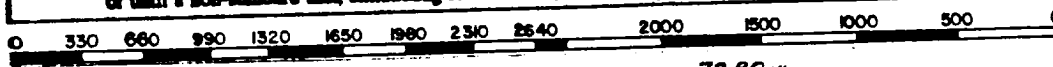
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Printed Name
Price M. Bayless
Position
Petroleum Engineer
Company
Robert L. Bayless
Date
August 12, 1992

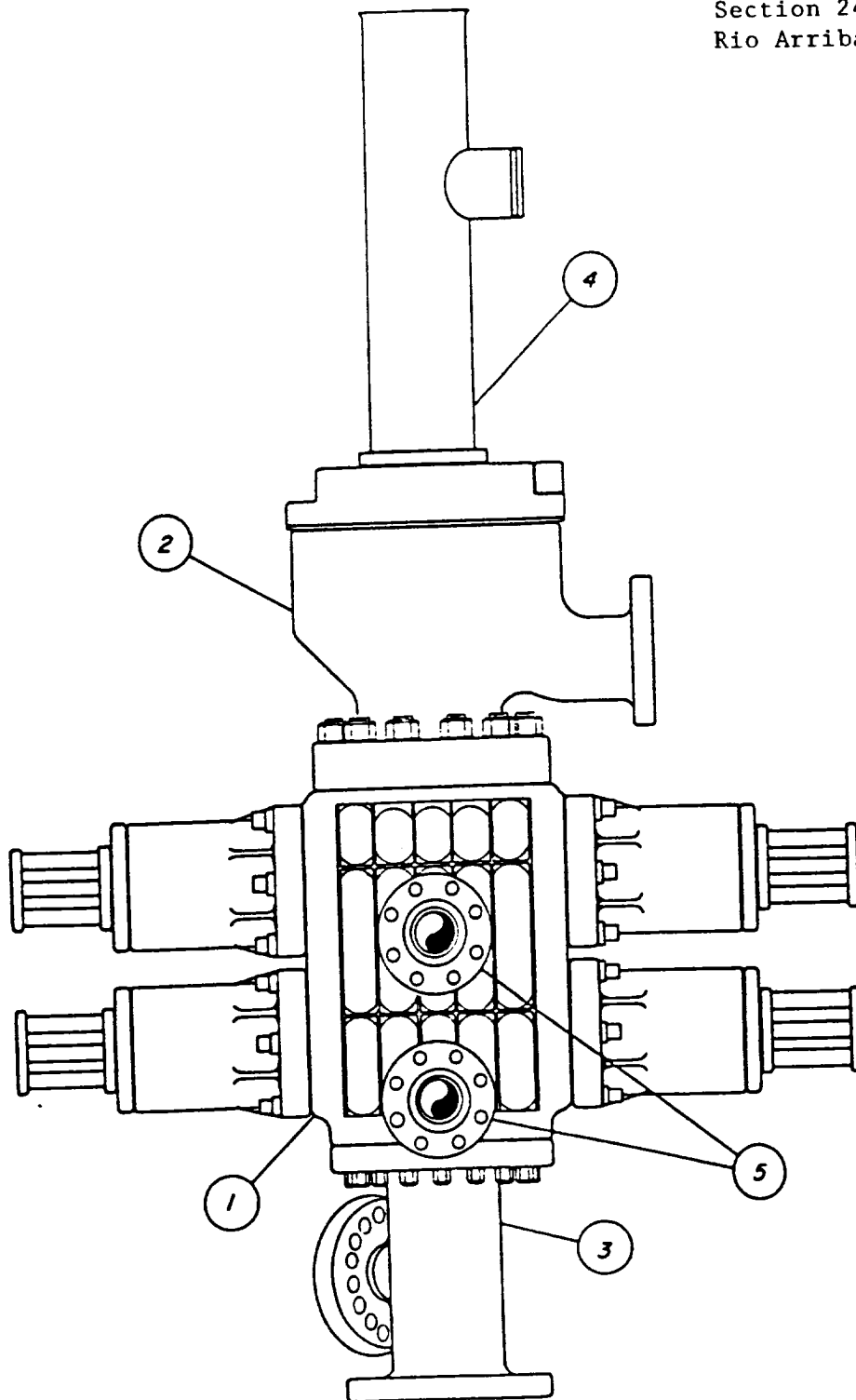
SURVEYOR CERTIFICATION

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
William F. Mahnke II

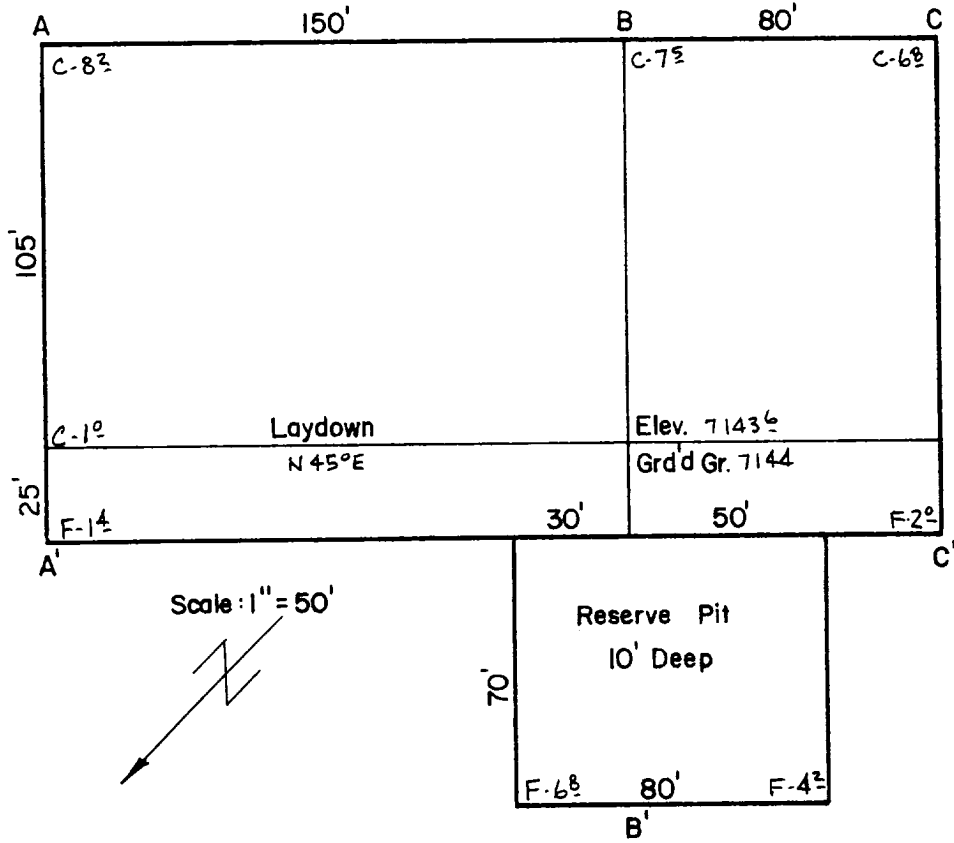
Signature & Seal of Professional Surveyor
WILLIAM F. MAHNKE II
New Mexico
#8466
Certified Professional Land Surveyor

ROBERT L. BAYLESS
 SIMMS #8
 1850' FSL & 1500' FEL
 Section 24, T30N, R4W
 Rio Arriba County, NM



- ① SHAFFER 11" 3000 LB MODEL LWS MANUAL LOCK RAM BLOWOUT PREVENTER
- ② GRANT 11" 3000 LB ROTATING DRILL HEAD. If conditions warrant, otherwise flow nipple above BOP
- ③ 11" SPOOL
- ④ 11" FLOW NIPPLE
- ⑤ 4" 3000 LB. NOZZLE

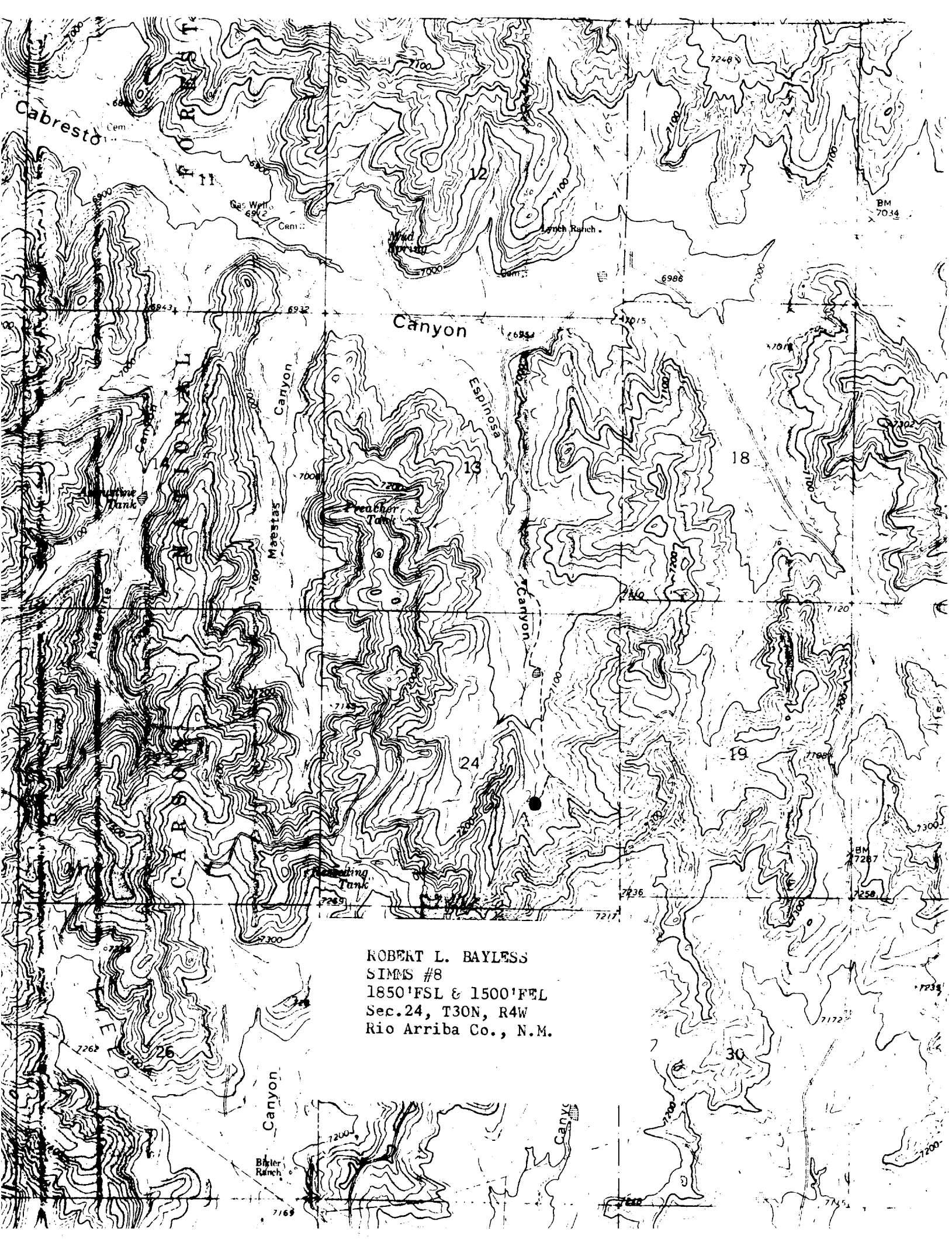
ROBERT L. BAYLESS
SIMMS #8
1850'FSL & 1500'FEL
Sec.24, T30N, R4W
Rio Arriba Co., N.M.



A-A'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
7150			
7140			

B-B'			
7150			
7140			

C-C'			
7150			
7140			



ROBERT L. BAYLESS
SIMS #8
1850'FSL & 1500'FEL
Sec.24, T30N, R4W
Rio Arriba Co., N.M.