

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
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-035-24644

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Simms

2. Name of Operator

Robert L. Bayless

8. Well No.

8

3. Address of Operator

P.O. Box 168, Farmington, NM 87499

9. Pool name or Wildcat

East Blanco Pictured Cliffs

4. Well Location

Unit Letter J : 1850 Feet From The South Line and 1500 Feet From The East Line

Section 24 Township 30N Range 4W NMPM Rio Arriba 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

17. PROPOSED CASING AND CEMENT PROGRAM

160

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	2000' RKB

Will drill 12-1/4" hole to 125' and set 125' of 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
MAR 05 1990

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

OIL CON. DIV.
DIST. 3

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

SIGNATURE Kevin H. McCord TITLE Petroleum Engineer DATE 3/2/90

TYPE OR PRINT NAME Kevin H. McCord TELEPHONE NO. 326-2659

(This space for State Use)

APPROVED BY Ernie Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 06 1990

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 9-6-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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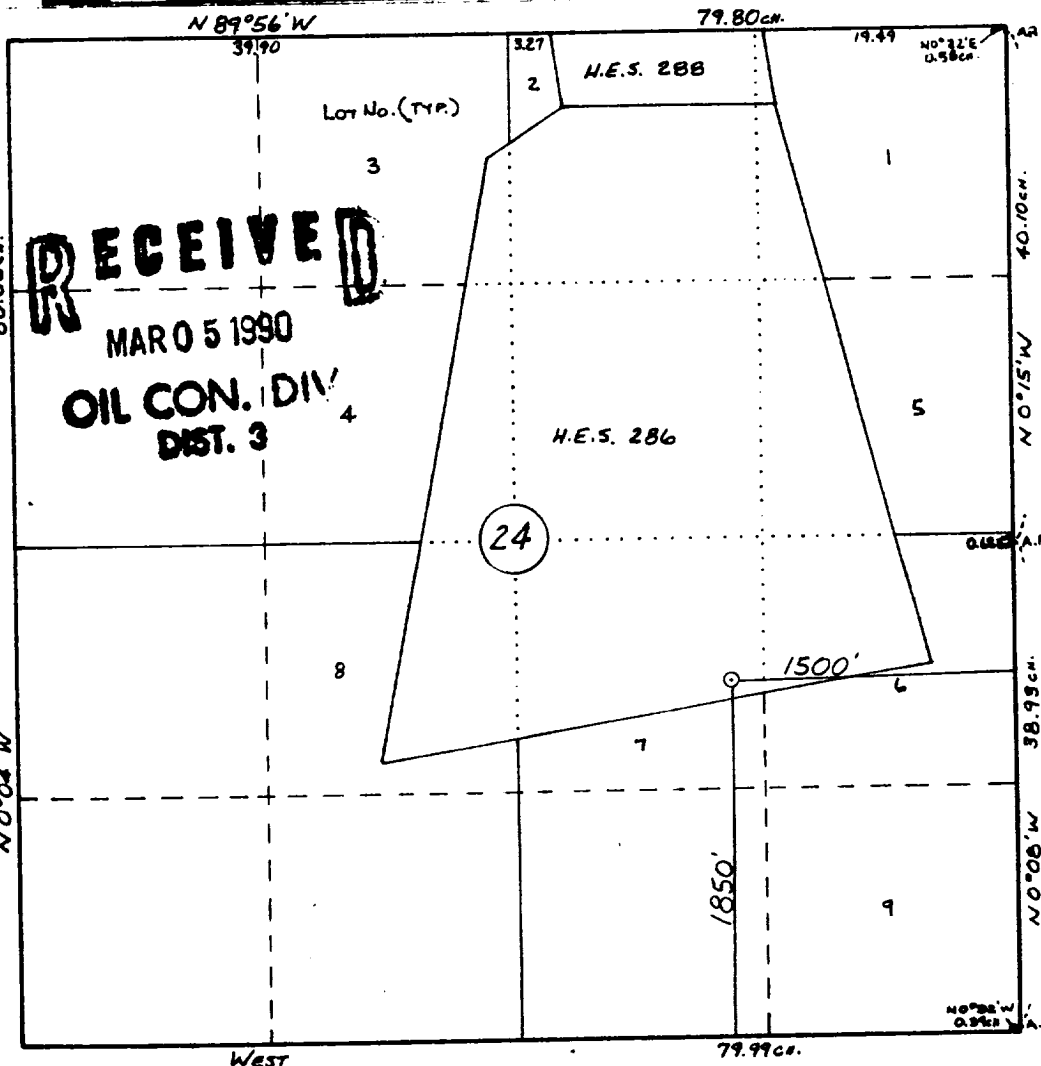
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ROBERT L. BAYLESS			Lease SIMS		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 Pictured Cliffs		Pool East Blanco Pictured Cliffs		Dedicated Acreage: 160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

0 350 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000



OPERATOR CERTIFICATION

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

Signature <i>Kevin H. McCord</i>
Printed Name Kevin H. McCord
Position Petroleum Engineer
Company Robert L. Bayless
Date 2/28/90

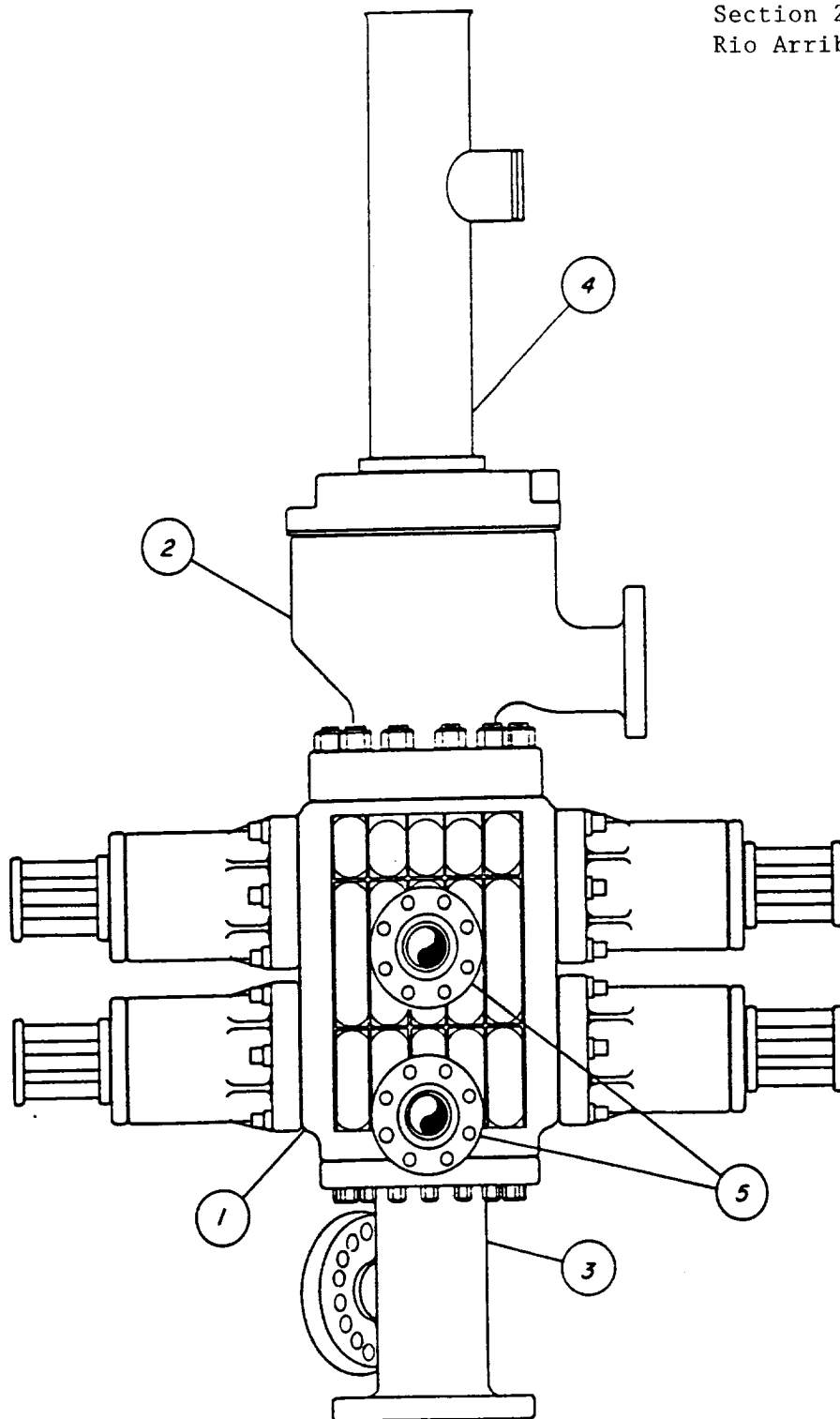
SURVEYOR CERTIFICATION

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 2-1-90
Surveyor William E. Mahnke II
Signature & Seal of Professional Surveyor <i>William E. Mahnke II</i>
Certificate No. 8466

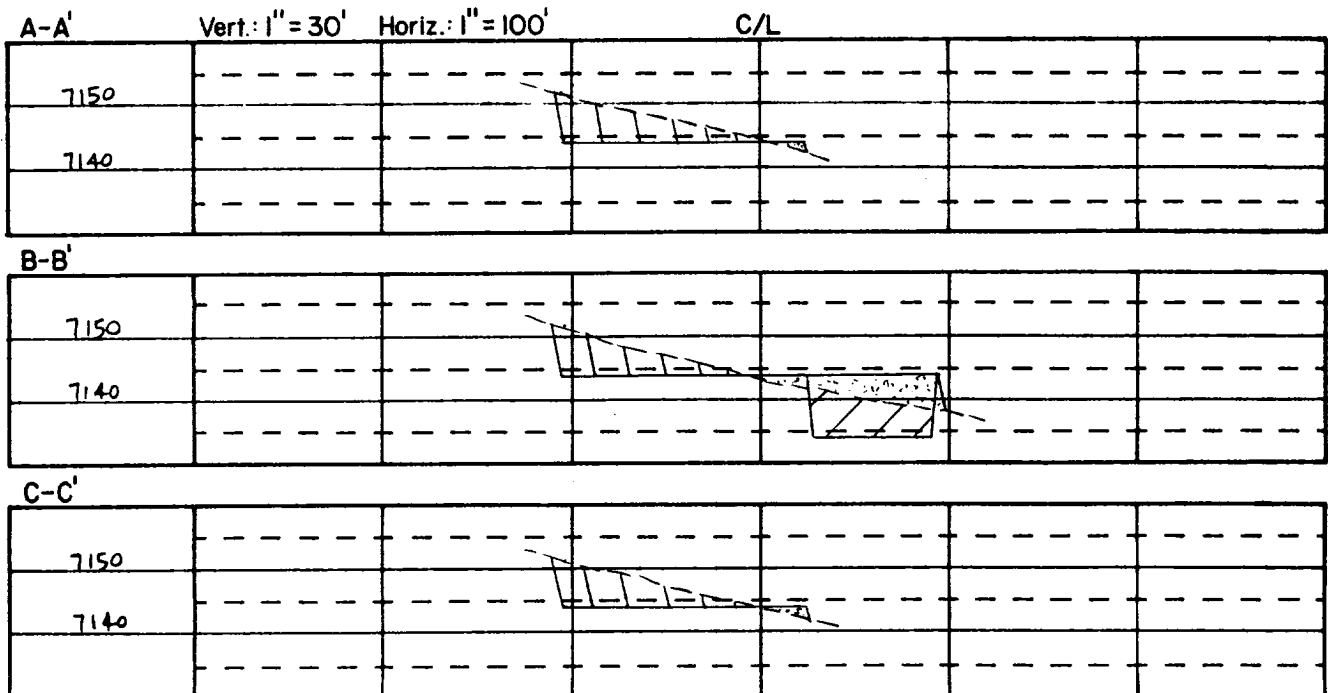
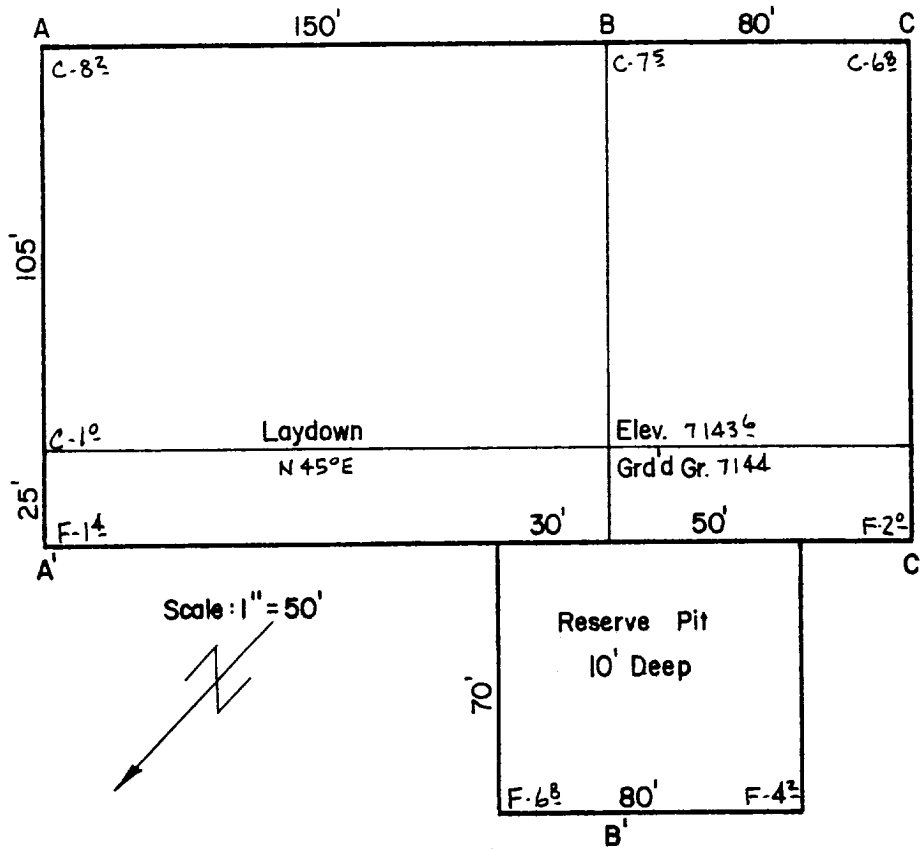
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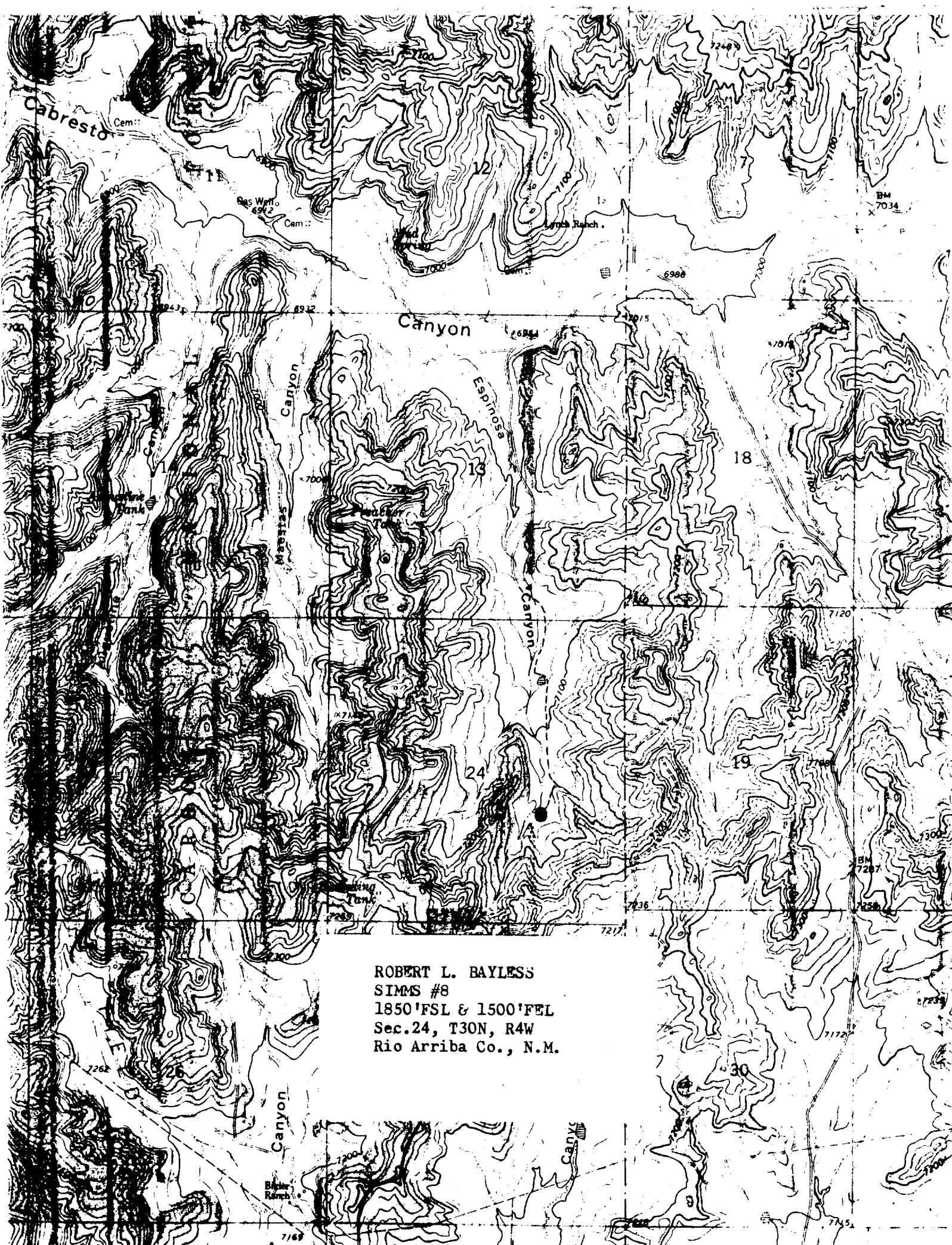
ROBERT L. BAYLESS
SIMMS #8
1850' FSL & 1500' FEL
Section 24, T30N, R4W
Rio Arriba County, NM



- 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

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Rio Arriba Co., N.M.





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