

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)

30-045-27795

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 ☐

2. Name of Operator

Bayless Minerals, Inc. Robert L. Bayless

3. Address of Operator

P.O. Box 168, Farmington, NM 87499

7. Lease Name or Unit Agreement Name

Santa Rosa 7

8. Well No.

21

336.66

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter H : 1774 Feet From The North Line and 1079 Feet From The East Line

Section 7 Township 29N Range 9W NMPM San Juan County NM

10. Proposed Depth

2150'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5565' GL 5574' RKB

14. Kind & Status Plug. Bond

15. Drilling Contractor

Bayless Drilling

16. Approx. Date Work will start

ASAP

17.

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#	120'	90/106 ft ³	surface
7-7/8"	4-1/2"	10.5#	2150'	500/729 ft ³	surface/see long-
					string cementing

guidelines for detail

Will drill 12-1/4" hole to 120' and set 120' of 8-5/8" 24.0 #/ft J-55 used casing, cementing with 106 ft³ Class B cement, circulated to surface. Will drill 7-7/8" hole to 2150' and run 2150' of 4-1/2" 10.5 #/ft J-55 new casing and cement as per attached longstring cementing guidelines. Circulating medium while drilling will be clear water, natural mud and waterloss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density Logs. Blowout preventer and safety equipment schematics are attached. The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS: Ojo Alamo - 884'
Kirtland - 1005'
Fruitland - 1735'
Pictured Cliffs - 2069'
Total Depth - 2150'

RECEIVED

MAY 11 1990

OIL CON. DIV.

APPROVAL EXPIRES 11-14-90
UNLESS DRILLING IS COMMENCED.
NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

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

Kevin H. McCord

TITLE

Petroleum Engineer

DATE 5-11-90

TELEPHONE NO.

(This space for State Use)

SUPERVISOR DISTRICT

APPROVED BY

TITLE

DATE MAY 14 1990

CONDITIONS OF APPROVAL, IF ANY.

NSP-R-8898

RECEIVED
MAY 1 1968
O. T. CON. DIV.
DIST. 3
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10/1/01 BY 60322

MAY 1 1968

Submit to Appropriate
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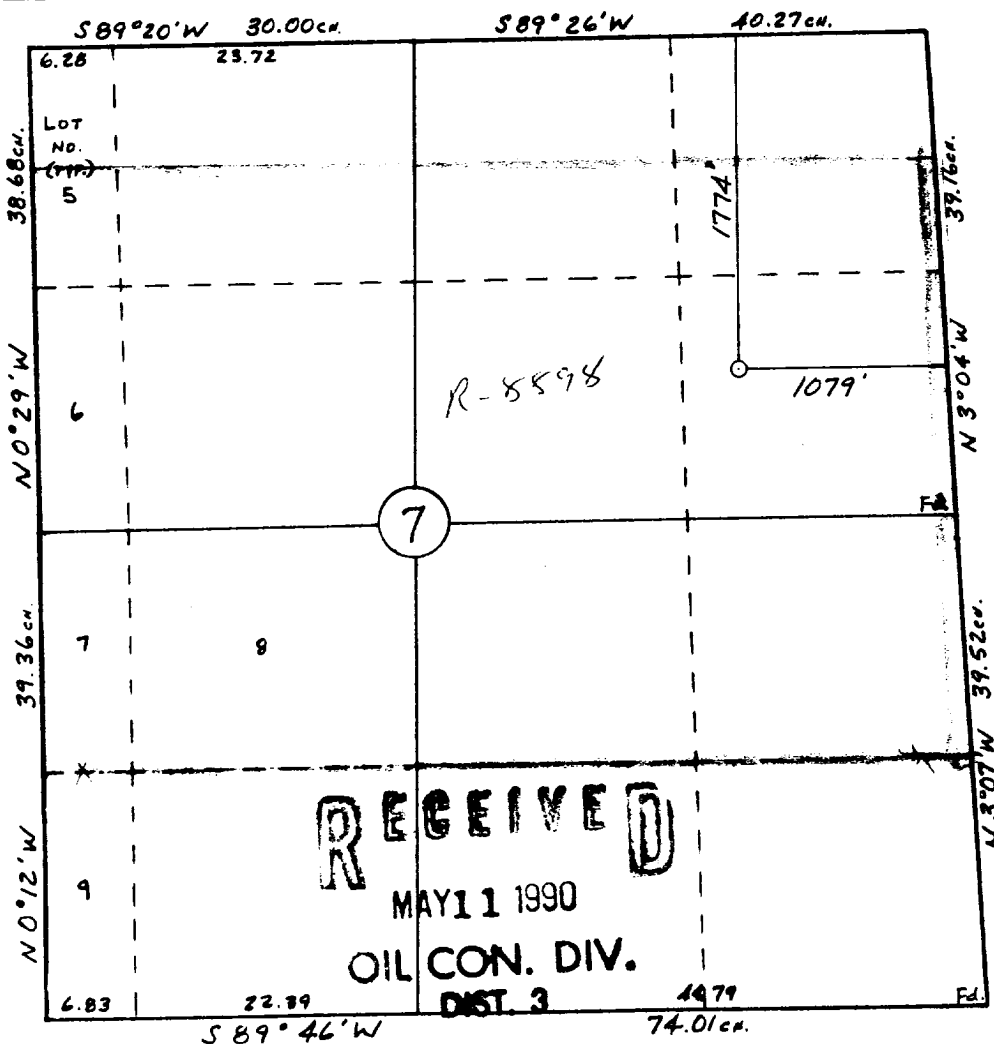
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BAYLESS MINERALS, INC.			Lease SANTA ROSA 7		Well No. 1
Unit Letter H	Section 7	Township 29 N	Range 9 W	County San Juan	
Actual Footage Location of Well: 1774 feet from the North line and 1079 feet from the East line					
Ground level Elev. 5565	Producing Formation 3rd Coal		Pool Barric Int. Coal	Dedicated Acreage: 336.66 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.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



OPERATOR CERTIFICATION

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

Signature
Robert L. Bayless
Printed Name
Robert L. Bayless
Position
President
Company
Bayless Minerals, Inc.
Date
May 11, 1990

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.

5-10-90

Date Surveyed
William E. Mahnke II

Signature & Seal of
Professional Surveyor



Bayless Minerals, Inc.
Santa Rosa 7-1
Sec. 7-T29N-R9W
1774 FNL & 1079 FEL
San Juan County, NM

Longstring Cementing Guidelines

1. The following estimated volumes of cement will be pumped on the longstring casing cementing job to provide a cement sheath from the end of production casing to the surface to protect useable water zones in this well. The exact cement pumped may vary slightly after examination of open hole logs.

lead slurry: 25 sx (30 ft³) Class B cement.
weight: 15.6 #/gal
yield: 1.18 ft³/sx

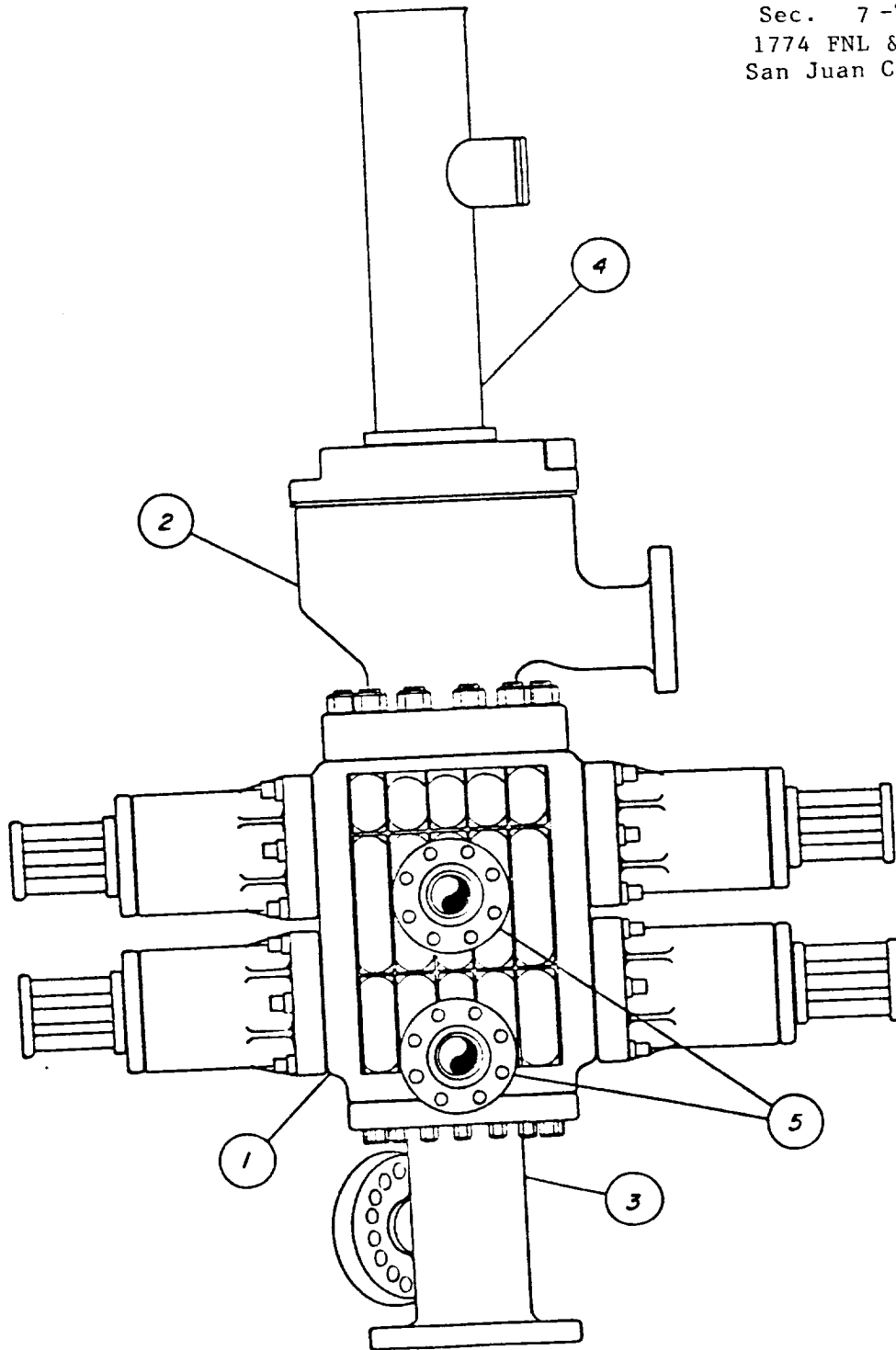
filler slurry: 125 sx (258 ft³) Class B cement with
2% econolite
weight: 12.5 #/gal
yield: 2.06 ft³/sx

tail slurry: 350 sx (441 ft³) 50/50 potmiz cement
with 2% gel and 10% salt
weight: 13.6 #/gal
yield: 1.26 ft³/sx

note: a 5 barrel spacer of clear water will be pumped ahead of the lead cement slurry to prevent mud contamination of the cement.

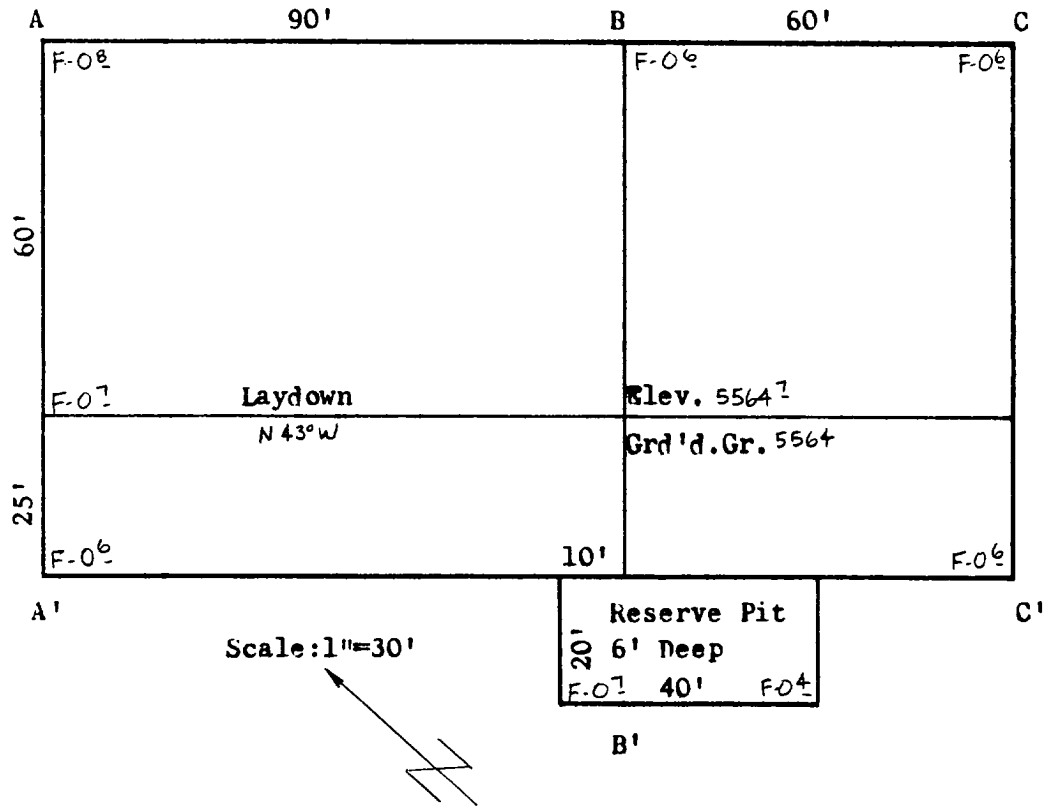
2. If cement does not reach the surface, a temperature and/or cement bond log will be run to determine the cement top.
3. The longstring production casing will be centralized through the Fruitland production interval and also through usable water zones. Turbulators (or centralizers that will impact a swirling action) will be placed just below and into the base of the lowest useable water zone.
4. A chronological log will be kept on the longstring cement job which will record pump rate, pump pressure, slurry density, and slurry volume. This log will be sent to the BLM after completion of the job.

Bayless Minerals, Inc.
 Santa Rosa 7-1
 Sec. 7 -T29 N-R9 W
 1774 FNL & 1079 FEL
 San Juan 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

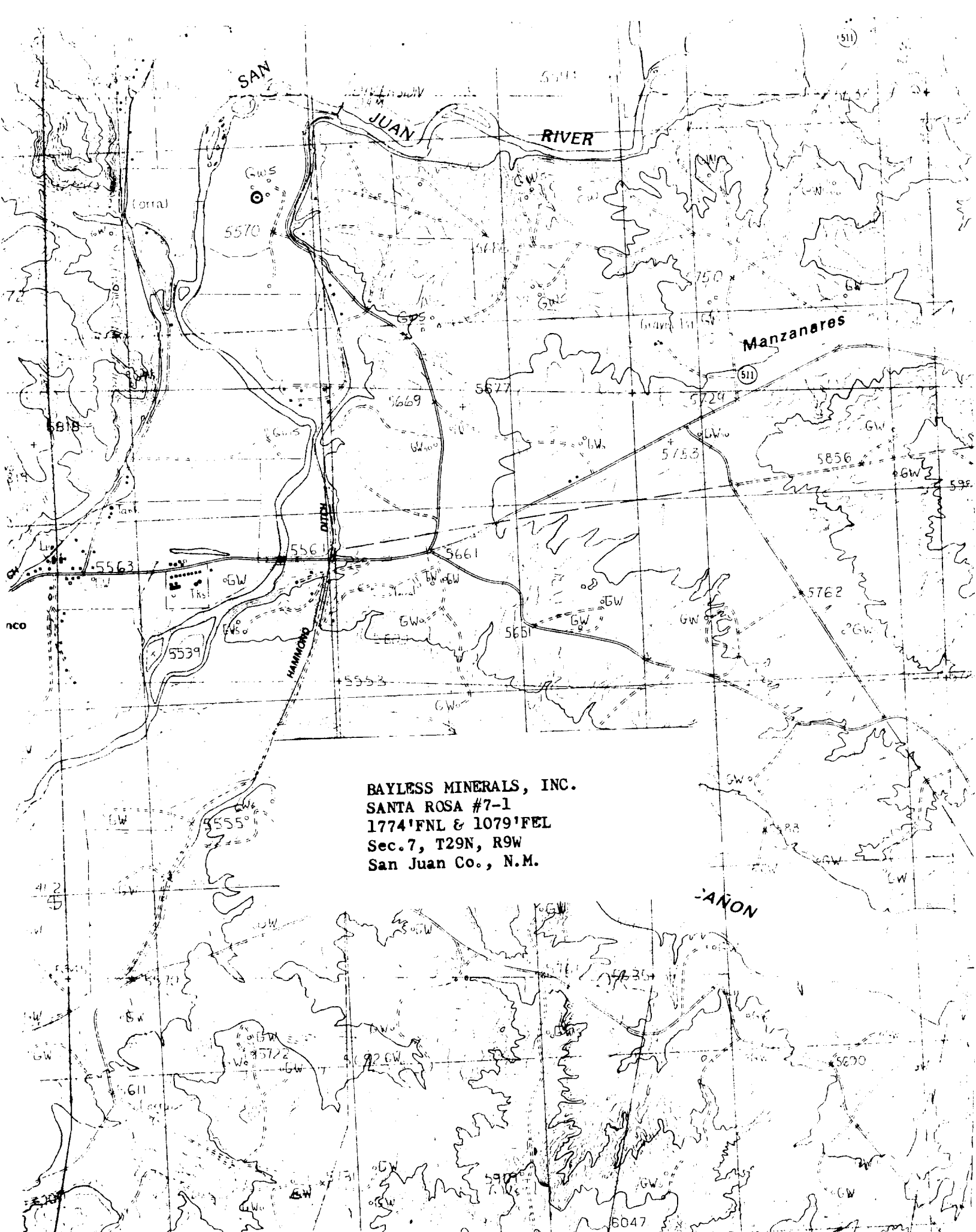
BAYLESS MINERALS, INC.
 SANTA ROSA #7-1
 1774'FNL & 1079'FEL
 Sec.7, T29N, R9W
 San Juan Co., N.M.



A-A'	Vert.: 1"=30'	Horiz.: 1"=50'	C/L			
5570	-----	-----	-----	-----	-----	-----
5560	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----

B-B'	Vert.: 1"=30'	Horiz.: 1"=50'	C/L			
5570	-----	-----	-----	-----	-----	-----
5560	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----

C-C'	Vert.: 1"=30'	Horiz.: 1"=50'	C/L			
5570	-----	-----	-----	-----	-----	-----
5560	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----



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