

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)

30-045-27856

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

Robert L. Bayless

7. Lease Name or Unit Agreement Name

Santa Rosa 4

3. Address of Operator

P.O. Box 168, Farmington, NM 87499

8. Well No.

1

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter A : 1035 Feet From The North Line and 890 Feet From The East Line

Section 4 Township 29N Range 9W NMPM San Juan County NM

10. Proposed Depth 2335' 11. Formation Fruitland Coal 12. Rotary or C.T. Rotary

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

5621' GL 5631' 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#	2335'	500/729 ft ³	surface/see long-
					string cementing

guidelines for details:

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 2335' and run 2335' 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 - 1045'
Kirtland - 1205'
Fruitland - 1992'
Pictured Cliffs - 2256'
Total Depth - 2335'

RECEIVED

JUN 7 1990

APPROVAL EXPIRES 12-14-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED

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 6-6-90

TYPE OR PRINT NAME:

Kevin H. McCord

TELEPHONE NO. 505-326-2659

(This space for State Use)

APPROVED BY

Kevin H. McCord

TITLE

SUPERVISOR DISTRICT # 2

DATE

JUN 14 1990

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUN 1 1950

RECEIVED
JUN 1 1950
OIL CO. OF CALIF.
SAN FRANCISCO

JUN 1 1950

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

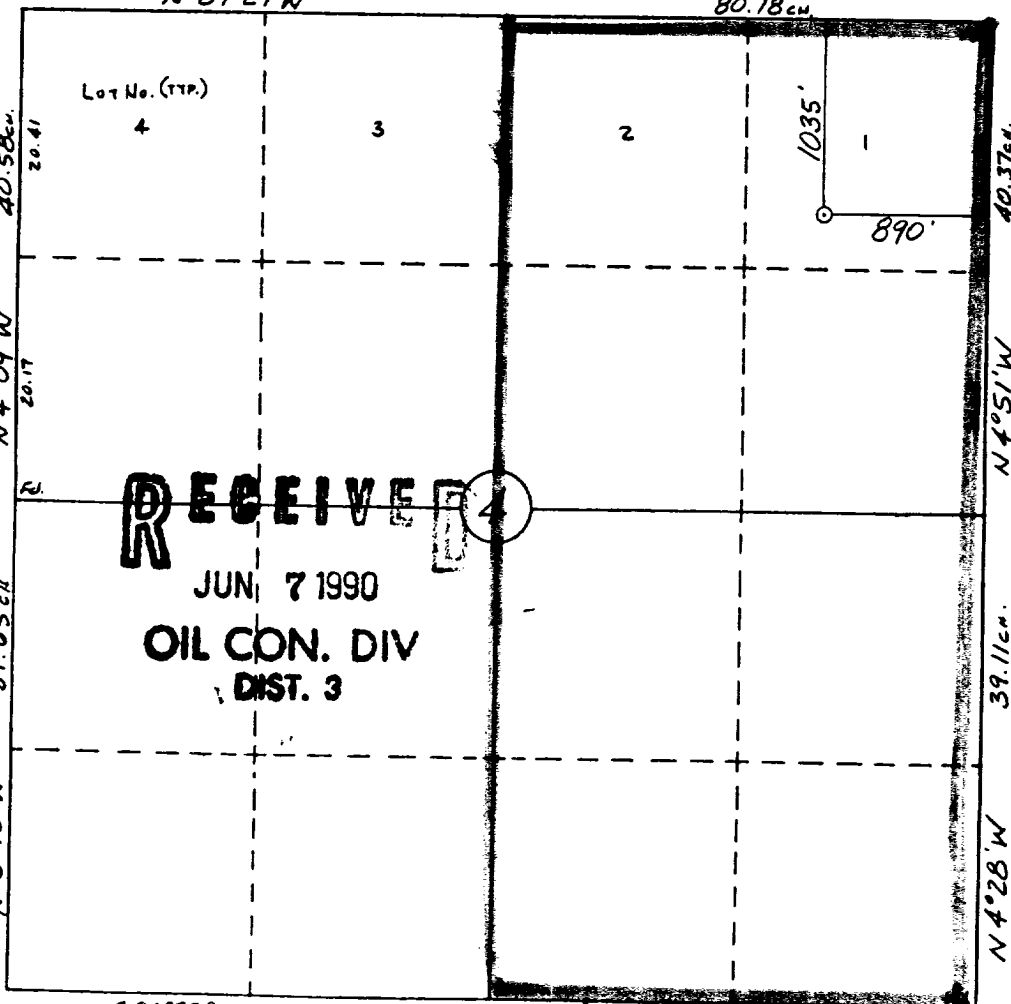
Operator ROBERT L. BAYLESS			Lease SANTA ROSA		Well No. 4-1
Unit Letter A	Section 4	Township 29 N	Range 9 W	County San Juan	
Actual Footage Location of Well: 1035 feet from the North line and 890 feet from the East line					
Ground level Elev. 5621		Producing Formation Fruitland		Pool Basin Fruitland Coal	Dedicated Acreage: 320.3564 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

N 89°27'W NOT TO SCALE

80.18 cm



OPERATOR CERTIFICATION

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

Signature
Kevin H. McCord
Printed Name
Kevin H. McCord
Position
Petroleum Engineer
Company
Robert L. Bayless
Date
June 6, 1990

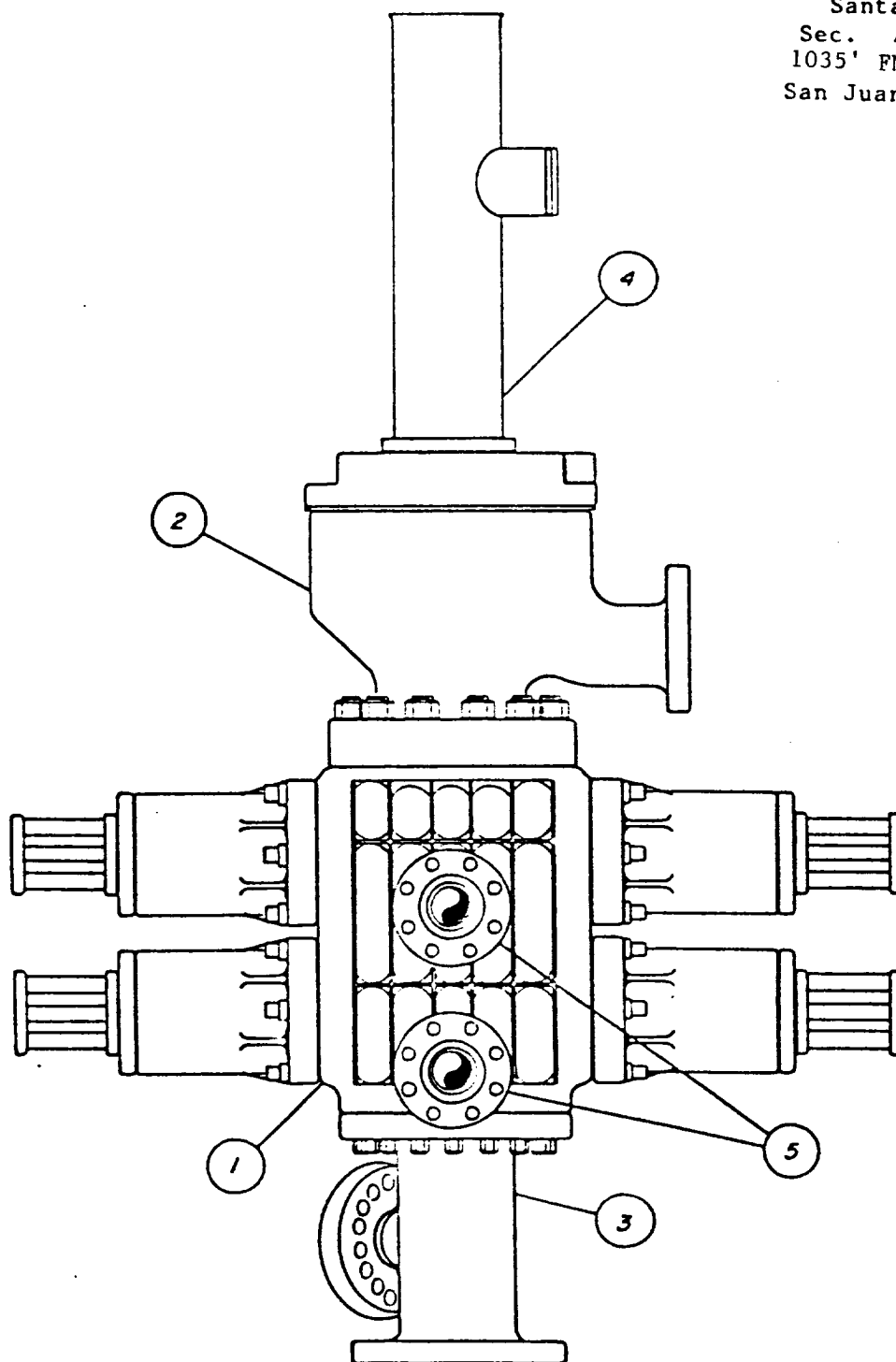
SURVEYOR CERTIFICATION

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.
5-1-90

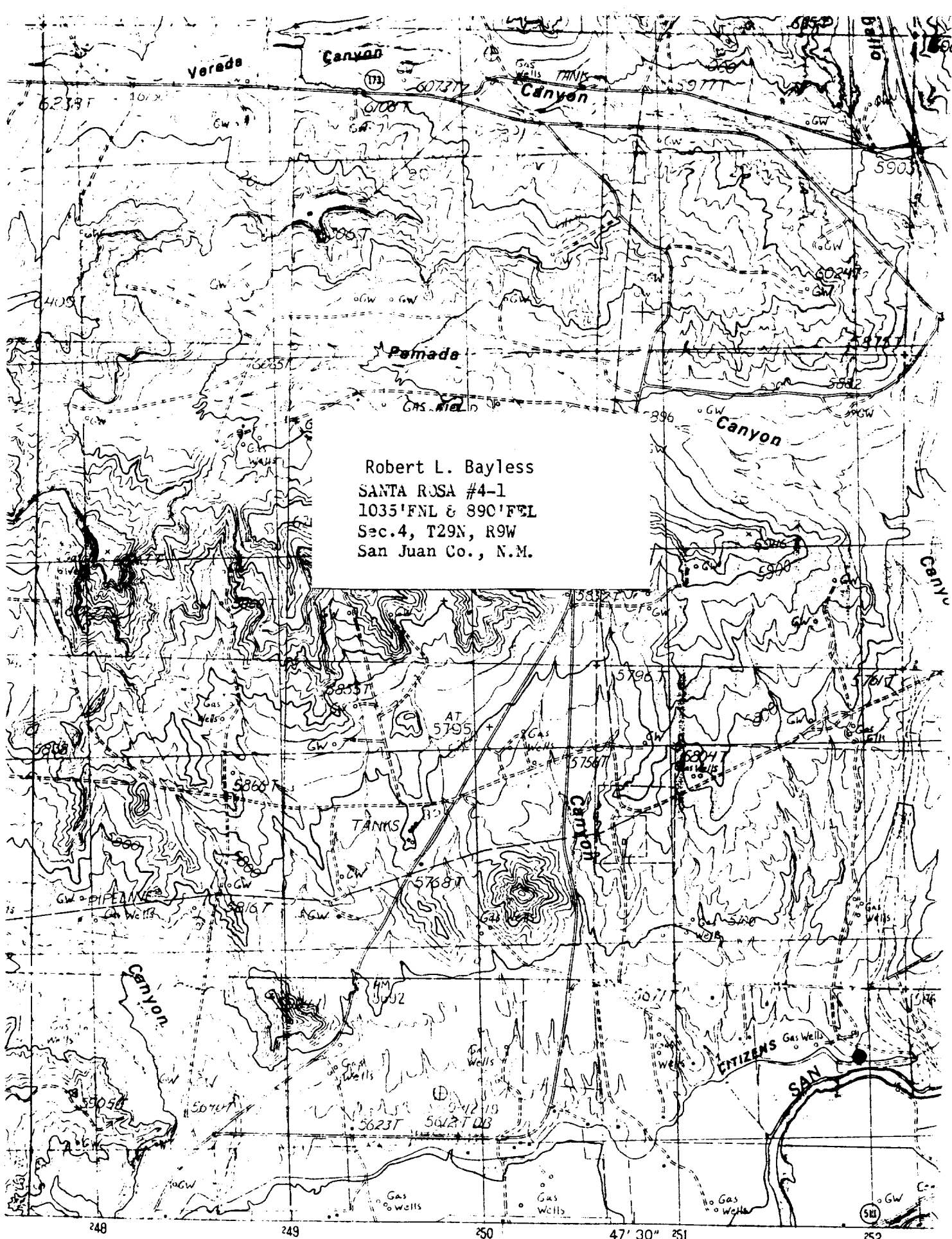
Date Surveyed
William E. M... II
Signature & Seal of Professional Surveyor
#8466
Certificate No. 8466

RESERVE
JUN 5 1964
OIL COMPANY
1964

Robert L. Bayless
 Santa Rosa 4-1
 Sec. 4 -T29 N-R9 W
 1035' FNL & 890' FEL
 San Juan County, NM



- ① SHAFER 11" 3000 LB MODEL LWS MANUAL LOCK RAM BLOWOUT PREVENTER
- ② BRANT 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
SANTA ROSA #4-1
1035' FNL & 890' FEL
Sec. 4, T29N, R9W
San Juan Co., N.M.

SCALE 1:24 000

