

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

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

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

DEC - 1 1992

O.C.D.

API NO. (assigned by OCD on New Wells)

20-005-62936

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-4334

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

Sparrow "SP" State

8. Well No.

5

3. Address of Operator

105 South Fourth Street, Artesia, New Mexico 88210

9. Pool name or Wildcat

Pecos Slope Abo

4. Well Location

Unit Letter N : 1980 Feet From The West Line and 660 Feet From The South Line

Section 5 Township 7 South Range 25 East NMPM Chaves County

10. Proposed Depth

4100'

11. Formation

Abo

12. Rotary or C.T.

Rotary

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

3929' GR

14. Kind & Status Plug Bond

Blanket

15. Drilling Contractor

L&M #1

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
17 1/2"	13 3/8"	54.50#	750'	750	Circulate
12 1/4"	* 8 5/8"	24.0#	1500'	500	Tie back to 8 5/8"
7 7/8"	4 1/2"	9.5#	4100'	575	

*8 5/8" casing to be set if lost circulation is encountered. If lost circulation is not encountered, the hole will be reduced to 7 7/8" at 1450'.

Yates Petroleum Corporation proposes to drill and test the Abo and intermediate formations. Approximately 850' of surface casing will be set and cement circulated to shut off gravel and cavings. If needed due to lost circulation, 8 5/8" intermediate casing will be run to 1450' and cemented to tie-back to the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Spud mud to 850'; FW gel/LCM to 1450'; cut Brine to 3400' SW gel, Starch and diesel.

BOPE PROGRAM: BOPE will be installed on the 13 3/8" casing and tested daily.

GAS NOT DEDICATED

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

Clifton R. May

TITLE

Permit Agent

DATE

12-3-92

TYPE OR PRINT NAME

Clifton R. May

TELEPHONE NO. 748-1471

(This space for State Use)

APPROVED BY

Mark R. Kelly

TITLE

DATE

DEC 7 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT
TIME TO WITNESS CEMENTING THE
13 3/8" CASING

APPROVAL VALID FOR 180
PERMIT EXPIRES 6-7-93
UNLESS DRILLING UNDERWAY

Submit to Appropriate
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Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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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 YATES PETROLEUM CORPORATION			Lease SPARROW "SP" STATE		Well No. 5
Unit Letter N	Section 5	Township 7 SOUTH	Range 25 EAST	County NM PM CHAVES	

Actual Footage Location of Well:

1980 feet from the WEST line and	660 feet from the SOUTH line
Ground level Elev. 3929	Producing Formation ABO
Pool PECOS SLOPE ABO	Dedicated Acreage: 160 Acres

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

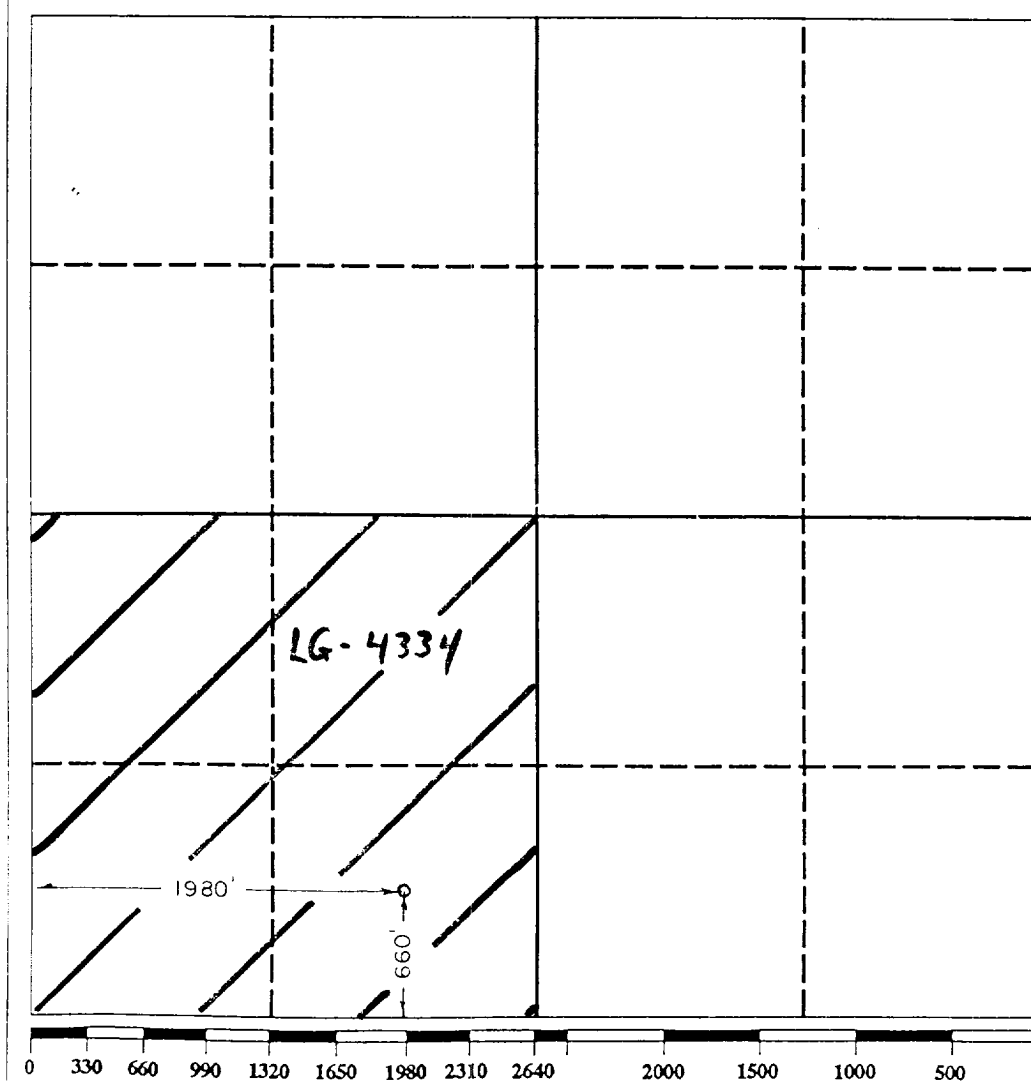
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 is true and complete to the best of my knowledge and belief.

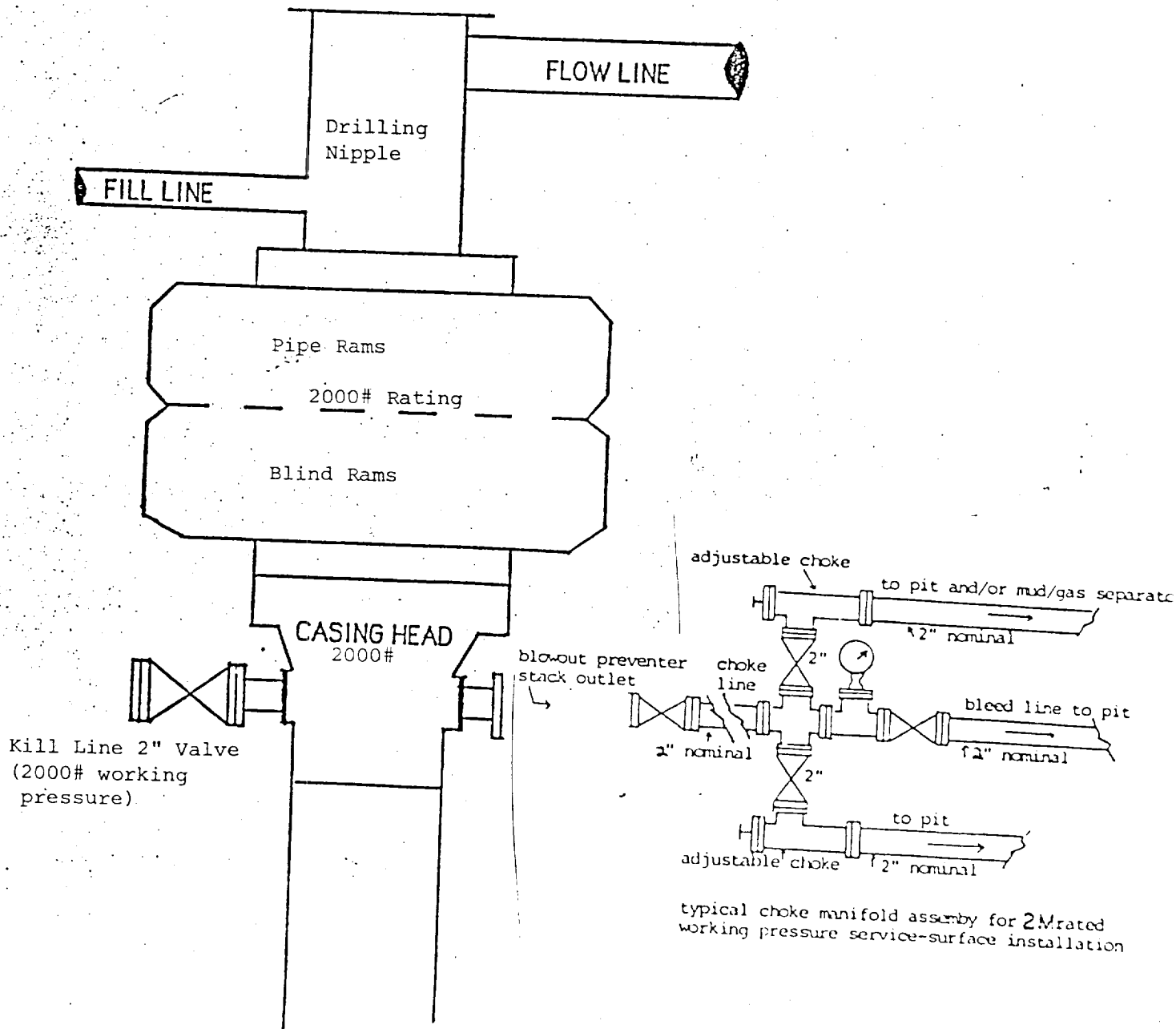
Signature
Clifton R. May
Printed Name
Clifton R. May
Position
Permit Agent
Company
Yates Petroleum Corporation
Date
December 3, 1992

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
11/30/92
Signature & Seal of Professional Surveyor
Certificate No.
3640

YATES PETROLEUM CORPORATION



**BLOWOUT PREVENTER
2M SYSTEM**