

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

II. CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-005-61504
Form C-101
Revised 10-1-78

NO. OF PERMITS	2
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

RECEIVED

MAR 29 1982

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒ FCC ☐

5. State Oil & Gas Lease No.
LG-4334

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

7. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

8. Name of Operator

Yates Petroleum Corporation

9. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

10. Location of Well

UNIT LETTER H

LOCATED 1980

FEET FROM THE

North

LINE

11. 660

FEET FROM THE East

LINE OF SEC. 32

TWP. 2S

R. 25E

NATION

7. Well Agreement Name

8. Farm or Lease Name

Sparrow "SP" State

9. Well No.

2

10. Field and Pool, or Wildcat
Indesignated Abo

11. County
Chaves

12. Proposed Depth

Approx. 4100'

13A. Formation

Abo

13. History of C.T.

Rotary

14. Previous Production (water, oil, etc.)

3824.6 GL

15A. Kind of Surface Prod. Prod.

Blanket

15B. Drilling Contractor

LaRue 2

22. Approx. Date Work Will Start

ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	THICKNESS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5# 1-55	925'	615 sx	circulated
7 7/8"	4 1/2"	9.5#	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 925' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel and LCM to 925', Brine to 3200', Brine & KCl water to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-30-82
UNLESS DRILLING UNDERWAY

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.

Signed _____ Title Regulatory Coordinator Date 3/29/82

(This space for State Use)

PROVED BY M. H. Walker TITLE SUPERVISOR, DISTRICT II DATE MAR 30 1982

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

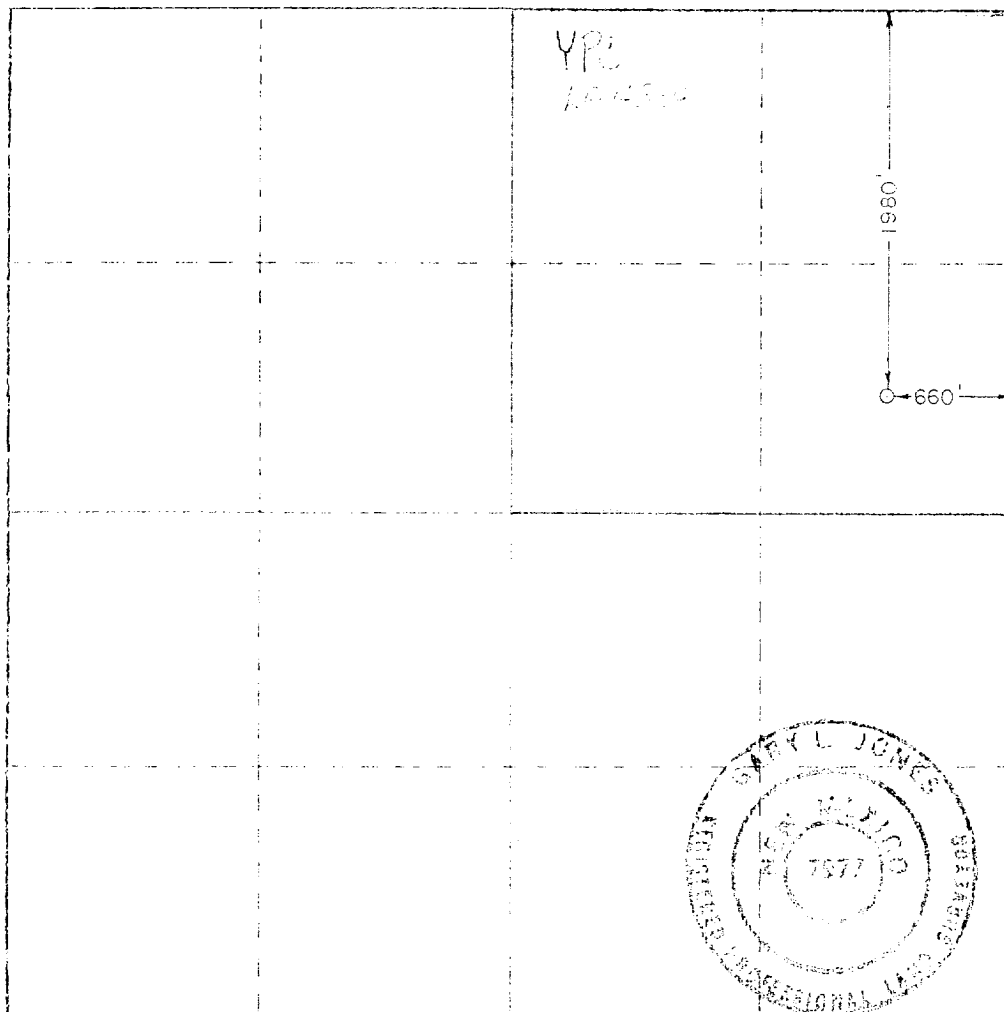
Operator YATES PETROLEUM CORPORATION			Lease Sparrow "SP" State		Well No. 2
Unit Letter H	Section 32	Township 6 South	Range 25 East	County Chaves	
Actual Horizontal Location of Well					
1980 feet from the North line and		660 feet from the East line			
Ground Level Elev. 3524.6'		Perforating Formation 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 interests 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, force-pooling, or otherwise), and a nonstandard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

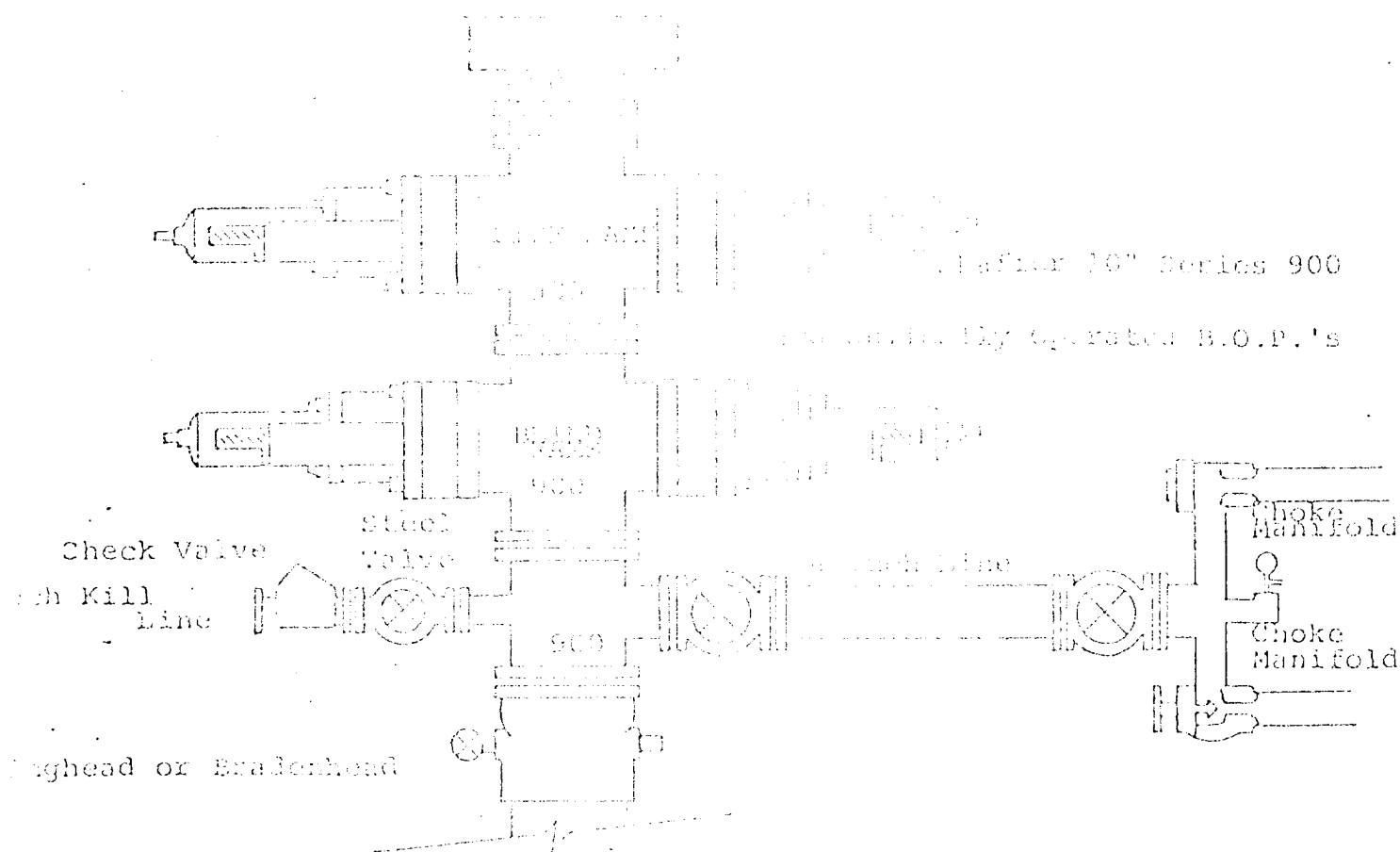
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Cy Cowan
Position
Regulatory Coordinator
Company
Yates Petroleum Corporation
Date
3/29/82

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
March 24, 1982
Registered Professional Engineer
and/or Land Surveyor

Certificate No.
7977



FOLLOWING CONSTITUTE MINIMUM WELLHEAD REQUIREMENTS

- all preventers to be hydraulically actuated with secondary manual controls installed prior to drilling out from under casing.
- choke outlet to be a minimum of 4" diameter.
- Kill line to be of all steel construction of 2" minimum diameter.
- All connections from operating manifold to preventers to be all steel, hole or tube a minimum of one inch in diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- inside blowout preventer to be available on rig floor.
- Operating controls located a safe distance from the rig floor.
- Hole must be kept filled on to the bottom in complete casing. Operator not responsible for blowouts resulting from not keeping hole full.
- B. P. float must be installed and used to detect onset of first gas intrusion.