

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

State of New Mexico  
Bureau of Geology, 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)

30-025-30700

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1259

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

WOODSTOCK STATE UNIT

2. Name of Operator

YATES PETROLEUM CORPORATION

8. Well No.

1

3. Address of Operator

105 South Fourth Street, Artesia, NM 88210

9. Pool name or Wildcat  
WILDCAT ABO

4. Well Location

Unit Letter P : 660 Feet From The SOUTH Line and 540 Feet From The EAST Line

Section 5

Township 9 SOUTH Range 33 EAST

NMPM

LEA

County

10. Proposed Depth

9000'

11. Formation

ABO

12. Rotary or C.T.

ROTARY

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

4387.5 GR.

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

UNDESIGNATED

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# J-55        | 1650'         | 1600 SX         | CIRCULATE |
| 7 7/8"       | 5 1/2"         | 17# J-55&       | TD            | 400 SX-AS       |           |
|              |                | 20# N-80        |               | WARRANTED       |           |

We propose to drill and test the Abo and Intermediate formations. Approximately 1650' of surface casing will be set and cement circulated to surface. If commercial, production casing will be run, cemented, perforated, and stimulated as needed for production.

MUD PROGRAM : FW GEL/LCM to 1650'; SW GEL/STARCH To TD

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

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 10-11-89

TYPE OR PRINT NAME

Clifton R. May

TELEPHONE NO. 748-1471

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 12 1989

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

RECEIVED

OCT 12 1989

OCD  
HOBES OFFICE

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-102  
Revised 1-1-89

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

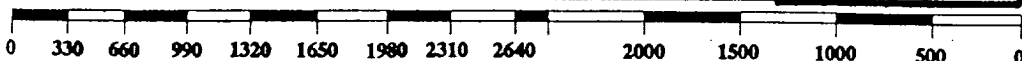
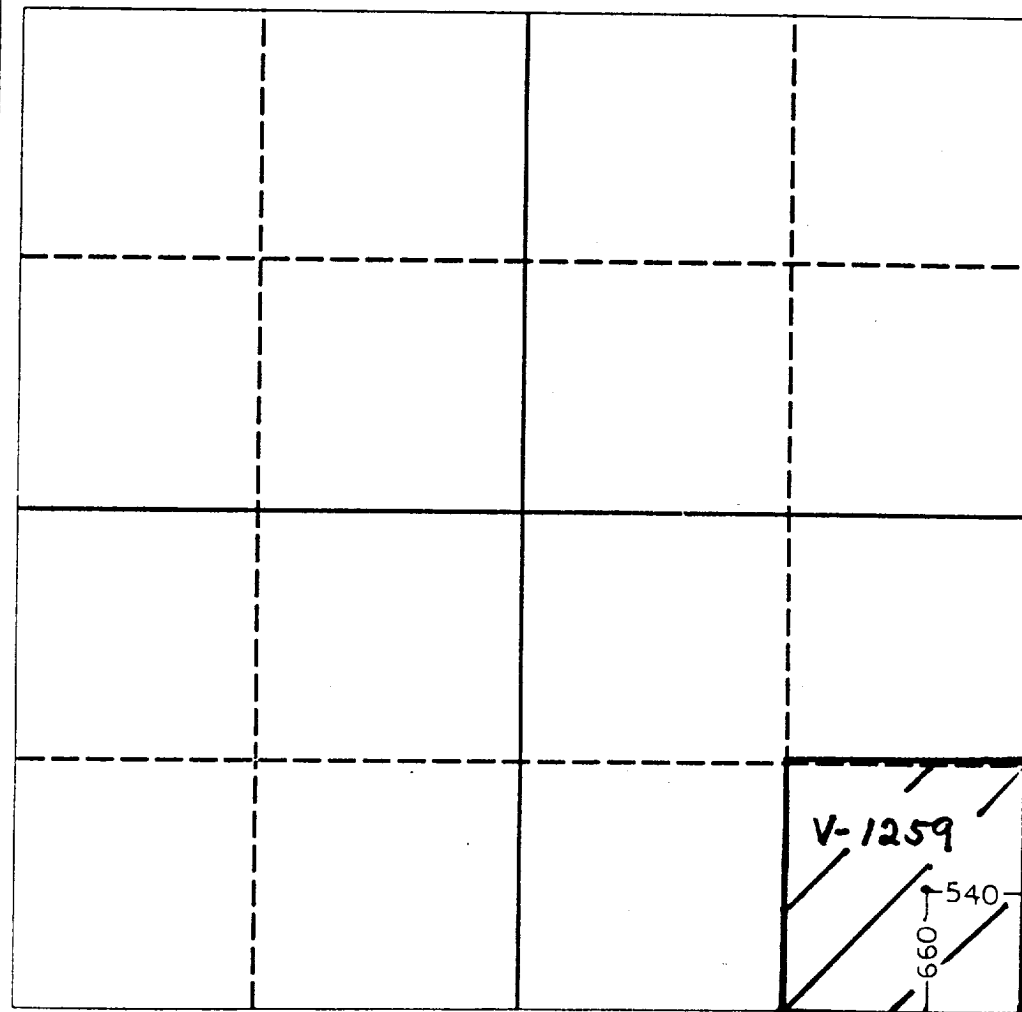
All Distances must be from the outer boundaries of the section

|                                         |              |                     |                               |               |               |
|-----------------------------------------|--------------|---------------------|-------------------------------|---------------|---------------|
| Operator<br>YATES PETROLEUM CORPORATION |              |                     | Lease<br>WOODSTOCK STATE UNIT |               | Well No.<br>1 |
| Unit Letter<br>P                        | Section<br>5 | Township<br>9 South | Range<br>33 East              | County<br>Lea |               |

Actual Footage Location of Well:

660 feet from the South line and 540 feet from the East line  
Ground level Elev. 4387.5  
Producing Formation Abo  
Pool Wilocac Abo  
Dedicated Acreage: 40 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 TO BE UNITIZATION  
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.

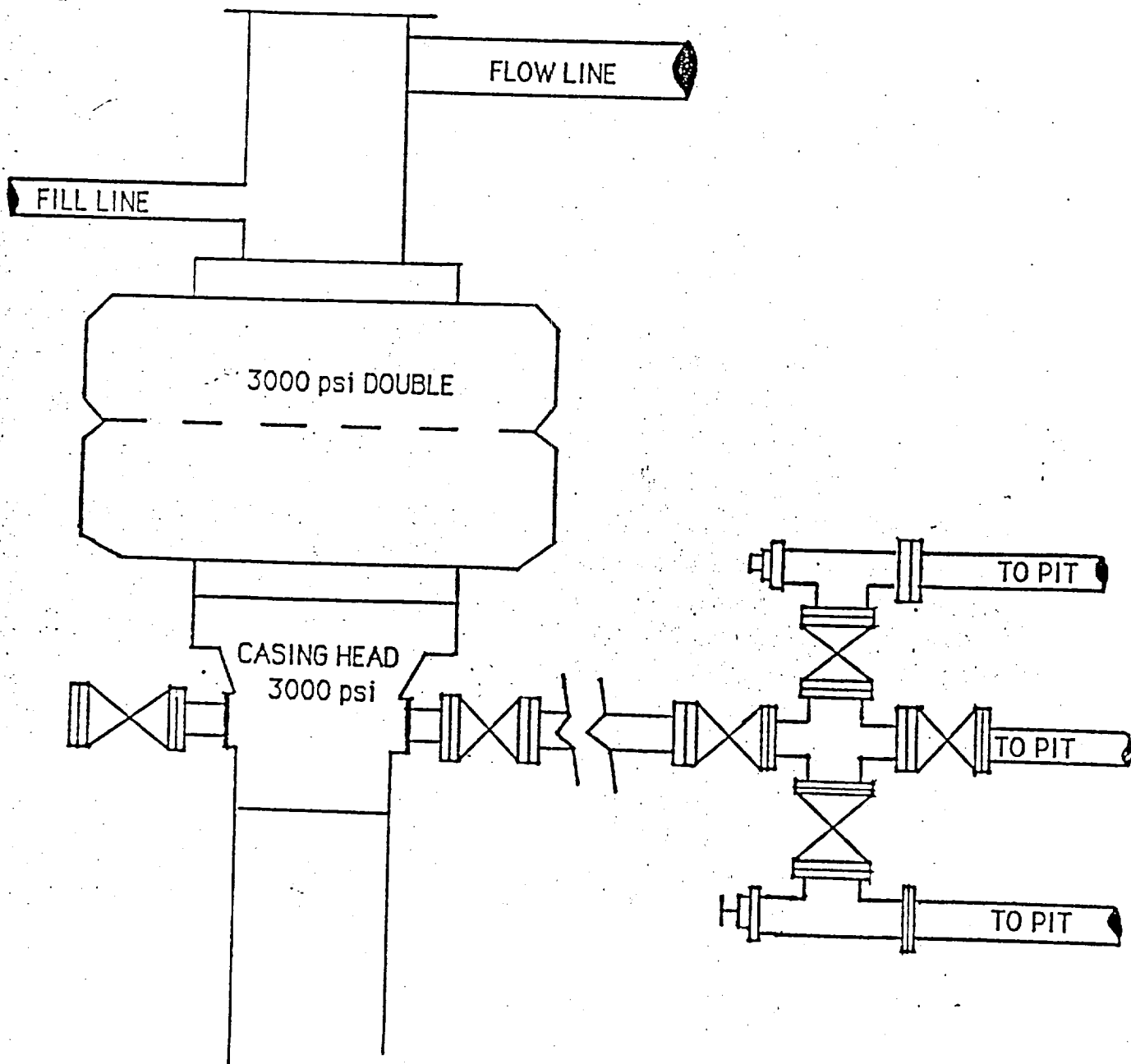
Signature Clifton R. May  
Printed Name Clifton R. May  
Position Permit Agent  
Company Yates Petroleum Corp.  
Date 10-11-89

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 10/8/89

Signature & Seal of Professional Surveyor  
HERSCHEL L. JONES  
Certified LAND SURVEYOR  
STATE OF NEW MEXICO  
1690



**BLOWOUT PREVENTER**

06/02/10 10:22

113

001 1 2



**LTR**



**Job separation sheet**

**WRS COMPLETION REPORT**

COMPLETIONS SEC 5 TWP 9S RGE 33E  
PI# 30-T-0006 03/09/90 30-025-30700-0000 PAGE 1

NMEX LEA \* 660FSL 540FEL SEC SE SE  
STATE COUNTY FOOTAGE SPOT  
YATES PET WS DO  
OPERATOR  
1 WOODSTOCK STATE UNIT  
WELL NO. LEASE NAME  
4401KB 4388GR FLYING M  
OPER ELEV FIELD POOL AREA

API 30-025-30700-0000  
LEASE NO PERMIT OR WELL ID NO  
10/31/1989 02/20/1990 ROTARY VERT OIL  
SPUD DATE COMP DATE TYPE LOG HOLE TYPE STATUS  
9000 PNNSYLVN PETERSON DRLG 4 RIG SUB 12  
PROJ DEPTH PROJ FORM CONTRACTOR  
DTD 9875 PB 9769 FM/TD CISCO  
DRILLERS I.D. LOG TD PLUG BACK TD OLD I.D. FORM I.D.

**LOCATION DESCRIPTION**

14 MI NE CAPROCK, NM  
1 MI SE/BOUGH OIL PROD IN FLYING M SOUTH FLD  
3 MI NE/8284 (ABO) OIL PROD IN FLYING M SOUTH FLD

**WELL IDENTIFICATION/CHANGES**

FIELD CHGD FROM WILDCAT  
PROJ FM CHGD FROM ABO

**CASING/LINER DATA**

CSG 8 5/8 @ 1873 W/ 950 SACKS  
CSG 5 1/2 @ 9875 W/ 725 SACKS

**TUBING DATA**

TBG 2 7/8 AT 9236

**INITIAL POTENTIAL**

IPP 43BOPD 150 MCFD 239BW 24HRS  
PNNSYLVN PERF W/ 25/IT 9260- 9371 GROSS  
GTY 40.0 GOR 3488

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | RUSTLER   |     | 1886 2502     |               |
| LOG  | YATES     |     | 2464 1924     |               |
| LOG  | SN ANDRS  |     | 3720 668      |               |

CONTINUED IC# 300257029489

COMPLETIONS SEC 5 TWP 9S RGE 33E  
PI# 30-T-0006 03/09/90 30-025-30700-0000 PAGE 2

YATES PET WS DO  
1 WOODSTOCK STATE UNIT

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | GLORIETA  |     | 5114 -726     |               |
| LOG  | TUBB      |     | 6616 -2228    |               |
| LOG  | ABO       |     | 7466 -3078    |               |
| LOG  | WFCMP LM  |     | 8669 -4281    |               |
| LOG  | PNNSYLVN  |     | 9250 -4862    |               |
| LOG  | BOUGH B   |     | 9294 -4906    |               |
| LOG  | BOUGH C   |     | 9342 -4954    |               |
| LOG  | CISCO     |     | 9518 -5130    |               |

SUBSEA MEASUREMENTS FROM GR

FORMATION TEST DATA

DST 1 8493- 8630 ABO L  
REC 60.0 FT MUD 1050.0 CC MUD  
INIT OP 30M IFP 96 FFP 109 OP W/WK BLOW  
FINAL OP 1H IFP 121 FFP 121 NO BLOW  
ISIP 1028 1H IHP 4664 FHP 4646  
SPL CHAM PRESS FINAL 75  
WS168000 PPM CL  
OP W/WK BLOW, 1/4 IN ON BUBBLE NOSE CONTD THRU  
RE-OP W/WK BLOW, DIED IN 10 MINS  
RE-OP W/NO BLOW, DEAD THRU  
SPL REC 1050 CC RATHOLE MUD  
OP 30, SI 1 HR; OP 1 HR, SI 3 HRS; OP 1 HR, SI (NR)  
IFP 96-109, 121-121, 121-121  
ISIP 1028, 1996, 3RD (NR)  
HP 4664, 4646

DST 2 9291- 9361 BOUGH C S  
GAS TS IN 2M  
REC 1237.0 FT GCM&W 2.4 CFT GAS  
REC 280.0 CC OIL 550.0 CC WTR  
INIT OP 30M IFP 293 FFP 381 OP/TO BTM OF BUCKET  
FINAL OP 1H IFP 238 FFP 586  
ISIP 2252 1H FSIP 2002 3H IHP 5030 FHP 5002  
SPL CHAM PRESS FINAL 390  
OP TO BTM OF BUCKET IN 1 MIN. INCR TO 68 PSI  
DP REC 1237 FT GCM&W W/FOAMY EMUL

PRODUCTION TEST DATA

BOUGH E PERF W/ 2/FT 9427- 9432

CONTINUED



COMPLETIONS SEC 5 TWP 9S RGE 33E  
PI# 30-T-0006 03/09/90 30-025-30700-0000 PAGE 3

YATES PET WS DO  
1 WOODSTOCK STATE UNIT

-----  
PRODUCTION TEST DATA  
-----

PERF 9427- 9432  
SQZD W/ 100S 9427- 9432  
SWBD W/NS

PNNSYLVN PERF W/ 25/1T 9260- 9371 GROSS  
PERF 9260, 9261, 9262, 9302, 9303, 9304, 9307, 9309  
PERF 9310, 9311, 9312, 9315, 9317, 9318, 9319, 9320  
PERF 9352, 9353, 9354, 9355, 9356, 9360, 9369, 9370  
PERF 9371  
ACID 9260- 9371 5000GALS  
15% NEFE

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LOGS AND SURVEYS /INTERVAL,TYPE/  
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LOGS CNL LDT DLL

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DRILLING PROGRESS DETAILS  
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YATES PET  
105 S 4TH ST  
ARTESIA, NM 88210  
505-748-1471  
10/12 LOC/1989/  
10/31 RURT  
11/03 1873 TD, WOC  
11/06 DRLG 5020  
11/15 DRLG 8155  
11/21 DRLG 8748  
12/08 9875 TD, WOCT  
12/08 DEVIATION SURVEYS @ 500 (1/4 DEG), 983 (1/2 DEG)  
1480 (1/4 DEG), 1873 (1/4 DEG), 2370 (1/2 DEG),  
2865 (1/2 DEG), 3360 (1 3/4 DEG), 3882 (1 DEG),  
4372 (1 1/2 DEG), 4870 (1 DEG), 5365 (3/4 DEG),  
5730 (2 DEG), 6229 (1 1/2 DEG), 6731 (1 1/2 DEG)  
7226 (1 3/4 DEG), 7500 (1 1/2 DEG), 8000 (1/4  
DEG), 8475 (1/2 DEG), 8640 (2 3/4 DEG), 8800  
(2 3/4 DEG), 9360 (3 1/2 DEG), 9875 (5 DEG)  
01/12 9875 TD, PB 9769, TSTG  
TD REACHED 11/29/89 RIG REL 12/03/89  
03/08 9875 TD, PB 9769  
COMP 2/20/90, IPP 43 BO, 150 MCFG, 239  
BWP, GOR 3488, GTY 40

CONTINUED

COMPLETIONS SEC 5 TWP 9S RGE 33E  
PI# 30-T-0006 03/09/90 30-025-30700-0000 PAGE 4

YATES PET WS DO  
1 WOODSTOCK STATE UNIT

DRILLING PROGRESS DETAILS

PROD ZONE - PENNSYLVANIAN 9260-9371  
NO CORES, TWO DSTS RPTD