

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) <b>30-025-31153</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB-0030
7. Lease Name or Unit Agreement Name Paloma State
8. Well No. 1
9. Pool name or Wildcat <del>Wildcat</del> - <i>West Santa Bone Spring</i>

**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  
Strata Production Company

3. Address of Operator  
648 Petroleum Building Roswell, NM 88201

4. Well Location  
 Unit Letter *OP* : 330 Feet From The South Line and 1650 Feet From The East Line  
 Section *1836* Township 18-S Range 32-E NMPM Lea County

10. Proposed Depth 9075'	11. Formation Bone Spring	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond Statewide	15. Drilling Contractor WEK
		16. Approx. Date Work will start Feb. 11, 1991

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#	1550'	Circulate	Circulate
7 7/8"	5 1/2"	17#	9075'	950 sx "lite"	tie into sfc
				200 sx "c"	

- 1.) Spud in 12 1/4" hole & drill to 1550'. Run 8 5/8" Casing & set w/200 sx "C" & circulate cement to surface.
- 2.) Drill out w/7-7/8" bit to TD of 9075'. Log well & if necessary, run 5 1/2" 17# casing to 9075' & tie cement back into surface casing w/ approximately 950 sx "Lite" & 200 sx "C".
- 3.) Mud program will be Native Mud to 1550'. Drill out w/Saturated Brine w/Starch added for WL control thru the Yates, Queen & Bone Spring (TD) intervals.
- 4.) Logs run will be CNL - Density, DLL & MSFL & Mudlog.

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 *James G. McClelland* TITLE Vice President DATE 1/31/91

TYPE OR PRINT NAME James G. McClelland TELEPHONE NO. 622-1127

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **FEB 05 1991**

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 04 1991

COPIES  
HOBAS COLLEGE

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

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Energy, Minerals and Natural Resources Department

Form C-182  
Revised 1-1-89

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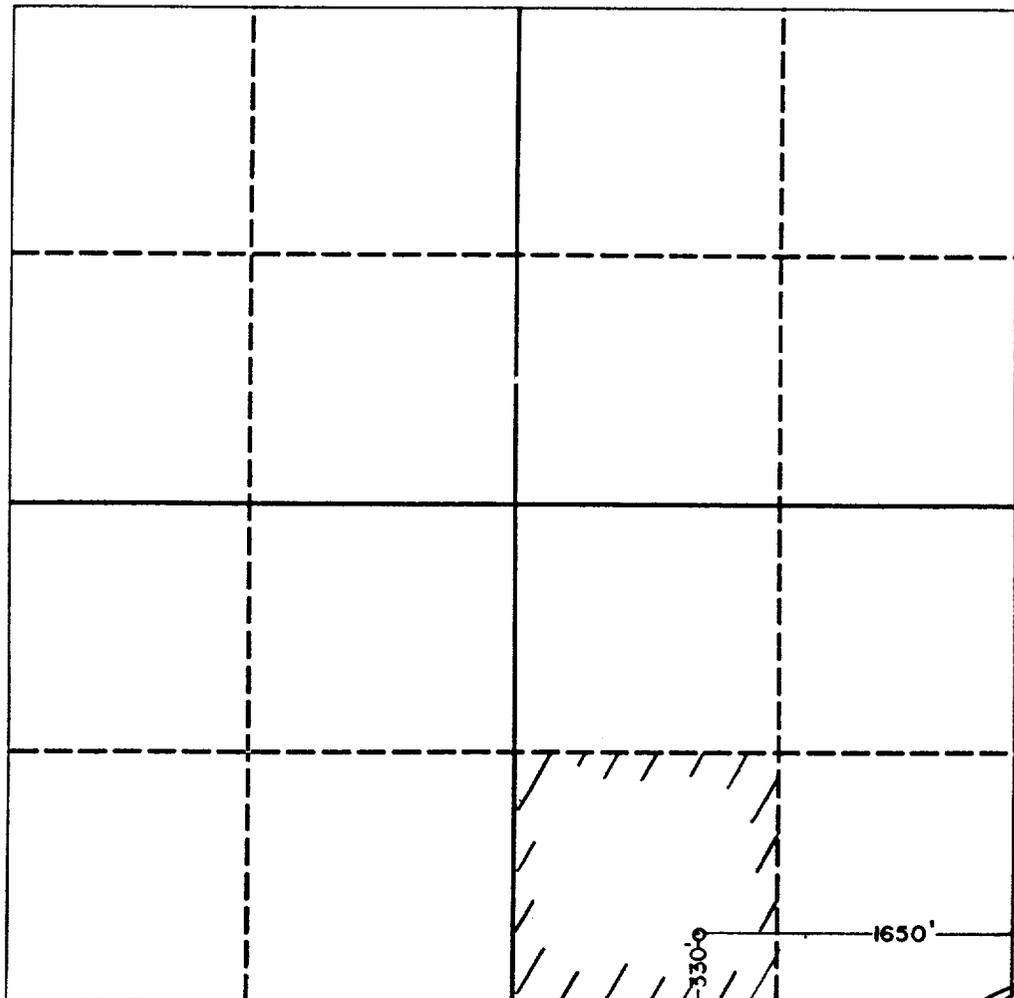
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>STRATA PRODUCTION CO.</b>		Lease <b>PALOMA STATE</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>36</b>	Township <b>18 SOUTH</b>	Range <b>32 EAST</b>	County <b>LEA</b>
Actual Footage Location of Well: <b>330</b> feet from the <b>SOUTH</b> line and <b>1650</b> feet from the <b>EAST</b> line				
Ground level Elev. <b>3710.0</b>	Producing Formation <b>BONE SPRING</b>	Pool <b>WEST TONTO (BONE SPRING)</b>	Dedicated Acreage: <b>40 Acres</b>	

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: *John W. West*

Printed Name: **John W. West**

Position: **Agent**

Company: **Strata Production Co.**

Date: **2/1/91**

**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: **1-29-91**

Signature & Seal of Professional Surveyor

Signature: *John W. West*

Certificate No. **JOHN W. WEST, 676**

**NEW MEXICO**

Professional Surveyor Seal

EQUIPMENT DESCRIPTION

All equipment should be at least 3,000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril bag type preventer
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 3-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 3-inch gate valve.
8. Ram type pressure operated blowout preventer with pipe rams.
9. Flanged type casing head with one side outlet.
10. 2-inch threaded (or flanged) plug or gate valve.  
Flanged on 5000# WP, threaded on 3000# WP or less.
11. 3-inch flanged spacer spool.
12. 3-inch by 2-inch by 2-inch by 2-inch flanged cross.
13. 2-inch flanged plug or gate valve.
14. 2-inch flanged adjustable choke.
15. 2-inch threaded flange.
16. 2-inch XXH nipple.
17. 2-inch forged steel 90° Ell.
18. Cameron (or equal.) threaded pressure gage.
19. Threaded flange.
20. 2-inch flanged tee.
21. 2-inch flanged plug or gate valve.
22. 2½-inch pipe, 300' to pit, anchored.
23. 2½-inch SE valve.
24. 2½-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 8 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LSW and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

# BLOWOUT PREVENTER SPECIFICATION

