

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

APR 11 1991

O. C. D.

ARTESIA OFFICE

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

K-3402

7. Lease Name or Unit Agreement Name

Stonewall DD Com

8. Well No.

1

9. Pool name or Wildcat

Undes. Atoka/Strawn/Wolfcamp

APPLICATION FOR PERMIT TO DRILL, DEEPEN, RE-ENTER, PLUG BACK, OR RECOMPLETION					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER RECOMPLETION <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator YATES PETROLEUM CORPORATION					
3. Address of Operator 105 South 4th St., Artesia, NM 88210					
4. Well Location Unit Letter N : 660 Feet From The South Line and 1980 Feet From The West Line Section 20 Township 20S Range 28E NMPM Eddy County					
10. Proposed Depth 11514'		11. Formation Atoka/Strawn/Wolfcamp		12. Recovery Eff. Pulling Unit	
13. Elevations (Show whether DF, RT, GR, etc.) 3250' GR		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor -	
16. Approx. Date Work will start When approved					
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"	48#	331'	200 sx (in place)	
12 1/2"	9-5/8"	36/32#	2760'	1700 sx (in place)	
8-3/4"	5 1/2"	17/16#	11409'	700 sx (in place)	

Well is uneconomic in Wolfcamp 8917-8954' and Morrow 11044-11050'. Propose to set CIBP above Morrow @ 11000' w/35' cement on top. Will perforate and test Atoka 10834-839', 10763-768', 10478-483' and Strawn 10316-320', 10266-272'. Will selectively acidize each interval and test. RBP will be set to isolate zones. Will produce Atoka, Strawn, or both, and apply for commingling depending on test results.

If the Strawn proves to be non-productive, plan to plug back to the Wolfcamp and add Wolfcamp pay 9508-20' and 9097-9101'. Also plan to re-acidize existing Wolfcamp pay 8912-8954'. Will apply for commingling zones depending on test results.

Note: If Strawn and Atoka zones are abandoned, CIBP's will be set @ 10390' w/35' cement (Atoka) and @ 10060' w/35' cement, (Strawn).

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 Juanita Goodlett TITLE Production Supervisor DATE \_\_\_\_\_

TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use) ORIGINAL SIGNED BY  
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE APR 10 1991

CONDITIONS OF APPROVAL, IF ANY: