

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG-2363

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> AMENDED <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Yates Petroleum Corporation		8. Farm or Lease Name Arco State
3. Address of Operator 105 South Fourth Street - Artesia, NM 88210		9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>2120</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>18S</u> RGE. <u>32E</u> NMPM		10. Field and Pool, or Wildcat Wildcat Grayburg
		12. County Lea
19. Proposed Depth 5100'		19A. Formation Grayburg
20. Rotary or C.T. Reverse Unit		
21. Elevations (show whether Dr, RT, etc.) 3773.5' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undesignated
22. Approx. Date Work will start ASAP		

23.

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#	754'	575 sacks	Circulate
12-1/4"	9-5/8"	32#	4013'	1400 sacks	Circulate
8-3/4"	5-1/2"	17 & 20#	11805'		

This well was originally drilled by JFG Enterprises of Artesia, New Mexico in 1985. Yates Petroleum Corporation proposes to test the Grayburg formation by drilling out the plugs to 5100' and setting a 50 sack cement plug and running 5-1/2" casing. The 5-1/2" casing will be cemented back to the 9-5/8" casing at approximately 4000'. Will perforate and stimulate as needed for production. Plugs are set at: (1) surface; (2) 800'; (3) 4013'

NOTE: This amended application was approved by Mr. Eddie Seay with the Oil Conservation Division in Hobbs, New Mexico on February 29, 1988.

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.

Signed Rusty Sexton Title Regulatory Secretary Date March 1, 1988

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAR 4 - 1988

CONDITIONS OF APPROVAL, IF ANY: