

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DEPARTMENT  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
NOV 28 1983  
O. C. D.  
ARTESIA, OFFICE

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-1821

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Yates Drilling Company <input checked="" type="checkbox"/>	8. Farm or Lease Name State 16-1
3. Address of Operator 207 S. 4th St., Artesia, NM 88210	9. Well No. 1
4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1650 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Artesia-Qn-Grbg-SA
15. Elevation (Show whether DF, RT, GR, etc.) 3605' GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	

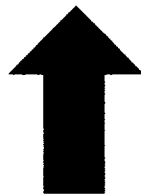
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 12-1/4" hole at 12:00 noon 11-8-83. Ran 8 joints of 8-5/8" 24# casing set at 364'. 1-Texas Pattern notched guide shoe set at 364'. Insert float set at 330'. Cemented w/250 sacks Class "C", 2% CaCl2 and 1/4#/sack flocele. Compressive strength of cement - 1250 psi in 12 hours. PD 11:00 PM 11-8-83. Bumped plug to 950 psi for 30 minutes, released pressure and float held okay. Cement did not circulate. WOC 8 hours. Ran Temperature Survey and found top of cement at 100'. Filled hole w/4 yards of Ready-Mix. WOC. Drilled out 1:00 PM 11-9-83. WOC 14 hours. Cut off and welded on flow nipple. Tested casing to 1000 psi for 30 minutes okay. Reduced hole to 7-7/8". Drilled plug and resumed drilling.

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

SIGNED <u>Leslie A. Clements</u>	TITLE <u>Production Supervisor</u>	DATE <u>11-22-83</u>
APPROVED BY _____	TITLE <u>Supervisor District II</u>	DATE <u>NOV 28 1983</u>

CONDITIONS OF APPROVAL, IF ANY:



**LTR**



**Job separation sheet**



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ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
E-1821

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State 16-1
2. Name of Operator Yates Drilling Company		9. Well No. 1
3. Address of Operator 207 S. 4th, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Artesia Queen/Gryb/SA
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>18S</u> RSE. <u>28E</u> NADP		11. County Eddy
19. Proposed Depth appr. 2475'		19A. Formation Grayburg
20. Rotary or C.T. Rotary		
21. Elevations (show whether DE, RT, etc.) 3605.0' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor L&M #2
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
12 1/4"	8 5/8"	24#	appr. 340'		circulated
6 1/4"	4 1/2"	10.5#	TD	400 sx	

Propose to drill and test the Grayburg and intermediate formations. Casing will be set at 340' and 4 1/2" production string will be set to TD. Will perforate and stimulate as needed for production.

MUD PROGRAM: FW gel to 350', FW to TD.

BOP PROGRAM: BOP's will be installed on the 8 5/8" casing & tested daily.

180 DAYS  
PERMIT EXPIRES 5-2-84  
UNLESS DRILLING UNDERWAY

4. 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.

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

Signed Glenn Rodriguez Title Regulatory Agent Date 11/2/83

(This space for State Use)

APPROVED BY Mike Wilkins TITLE OIL AND GAS INSPECTOR DATE NOV 02 1983

CONDITIONS OF APPROVAL, IF ANY:

Posted a P  
JD-12 Gf Book  
11-4-83