

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

<p>1a. TYPE OF WORK</p> <p style="text-align: center;"> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> </p> <p>1b. TYPE OF WELL</p> <p> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> </p> <p>2. NAME OF OPERATOR</p> <p style="text-align: center;">Yates Petroleum Corporation</p> <p>3. ADDRESS OF OPERATOR</p> <p style="text-align: center;">207 So. 4th St., Artesia, New Mexico 88210</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)</p> <p>At surface 1830' FWL & 720' FSL of Sec. 1-T19S-R24E</p> <p>At proposed prod. zone</p> <p>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*</p> <p style="text-align: center;">11 miles SW of Dayton, New Mexico</p>			<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p style="text-align: center;">NM 0439491</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p style="text-align: center;">Federal CW</p> <p>9. WELL NO.</p> <p style="text-align: center;">1</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p style="text-align: center;">Penasco Draw (Yeso, SA)</p> <p>11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA</p> <p style="text-align: center;">Unit N, 1-19S-24E</p> <p>12. COUNTY OR PARISH</p> <p style="text-align: center;">Eddy</p> <p>13. STATE</p> <p style="text-align: center;">New Mexico</p>																						
<p>15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)</p> <p style="text-align: center;">720'</p> <p>16. NO. OF ACRES IN LEASE</p> <p>17. NO. OF ACRES ASSIGNED TO THIS WELL</p> <p style="text-align: center;">320</p>		<p>18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</p> <p>19. PROPOSED DEPTH</p> <p>20. ROTARY OR CABLE TOOLS</p> <p style="text-align: center;">Workover Unit</p>		<p>21. ELEVATIONS (Show whether DF, RT, GR, etc.)</p> <p style="text-align: center;">3691' KB</p> <p>22. APPROX. DATE WORK WILL START*</p> <p style="text-align: center;">30 days</p>																					
<p>23. PROPOSED CASING AND CEMENTING PROGRAM</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE OF HOLE</th> <th>SIZE OF CASING</th> <th>WEIGHT PER FOOT</th> <th>SETTING DEPTH</th> <th>QUANTITY OF CEMENT</th> </tr> </thead> <tbody> <tr> <td>17½</td> <td>13 3/8</td> <td>24#</td> <td>209</td> <td>100 sx - Circ</td> </tr> <tr> <td>12½</td> <td>9 5/8</td> <td>32#</td> <td>891</td> <td>650 sx - circ</td> </tr> <tr> <td>8 3/4</td> <td>4 1/2 5½"</td> <td>17 1/2 15.5#</td> <td>3000</td> <td>300 sx</td> </tr> </tbody> </table>						SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	17½	13 3/8	24#	209	100 sx - Circ	12½	9 5/8	32#	891	650 sx - circ	8 3/4	4 1/2 5½"	17 1/2 15.5#	3000	300 sx
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Well is presently completed in Abo perforations and shut in. Propose to pull rods and pump, circulate hole, spot 10 sx cement at 5180', lay down tubing, cut off 4½" casing at about 4600', spot 35 sx cement on stub, and 35 sx cement at 3100-3000', cement 4½" casing at 3000' with 300 sx Class "C" (estimated top of cement at 1500'), perforate and treat Yeso formation as needed selectively at 2266-2972'.

RECEIVED

JUL 28 1975

O. C. C.

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JUL 24 1975
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ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Eddie M. Unalut Engineer DATE July 24, 1975

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Also Pays Produced 362 BO Prior to P+ A well recomple SA yeso

APPROVED
E. E. Buckner