

NATCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(Other instructions on
reverse side)Copy to 57
Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. TYPE OF WORK DRILL <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 <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. NAME OF OPERATOR Yates Petroleum Corporation ✓			
3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, NM 88210			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL & 1980' FWL of Sec. 7-20S-29E At proposed prod. zone			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE RECEIVED 3285' KB			
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE MAY - 8 1978	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH O. C. C.	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) ARTESIA, OFFICE		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS	
22. APPROX. DATE WORK WILL START* As soon as approved		13. STATE NM	
5. LEASE DESIGNATION AND SERIAL NO. NM 01165			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
7. UNIT AGREEMENT NAME			
8. FARM OR LEASE NAME Williamson "BC" 1980			
9. WELL NO. 4			
10. FIELD AND POOL, OR WILDCAT Burton Flats <i>Atoka</i>			
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 7-20S-29E Unit K			
12. COUNTY OR PARISH Eddy		13. STATE NM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH O. C. C.	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) ARTESIA, OFFICE		20. ROTARY OR CABLE TOOLS	
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	61#	590'	480 sx - circulate
12½"	8-5/8"	24#&32#	2925'	2245 sx - circulate
7-7/8"	5½"	13.5&11.6#	11623'	615 sx-top of cmt 8600'

The Morrow pay 11264-271' has depleted. New Morrow perforations 11219-221 & 11026-030 are non-commercial (TSTM) and original perforations 11455-460, 11463-468' and 11387-391' produced excessive water. We propose to temporarily abandon the Morrow zone by setting a bridge plug at about 10900' then perforate the Atoka pay at 10792-10800 and stimulate if needed to return well to production.

RECEIVED

MAY 4 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

24. SIGNED Eddie M. Mahford TITLE Engineer DATE 5-4-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAY 8 - 1978

APPROVED BY Lee J. Lara TITLE ACTING DISTRICT ENGINEER DATE MAY 8 - 1978

CONDITIONS OF APPROVAL, IF ANY: