| (July 1992)   | UNIT  | ED STATES  |  | er instructions on<br>reverse side)   | Expires: Febr   | •                         |  |
|---|---|--|--|---|---|---------------------------|--|
|   | DEPARTMENT  |  |  |   | 5. LEASE DEBIGNATION<br>NM 3606A  | AND BERIAL NO.            |  |
| BUREAU OF LAND MANAGEMENT   |   |  |  |   | 6. IF INDIAN, ALLOTTER OR TRIBE NAME  |                           |  |
| APPL  | ICATION FOR P   | ERMIT TO DE  | RILL OR DEE  | EPEN  | 6. IF INDIAN, ALLOTT  | IS OF TRIBE NAME          |  |
| 14. TTPE OF WORK  |   |  |  |   | 7. UNIT AGREEMENT   |                           |  |
|   |   |  |  |   | Carlsbad "15" Federal Co  |                           |  |
| D. TIPE OF WELL   | AS X OTHER  |  |  | NULTIPLE  | S. FARM OR LEASE NAME, W  | ELL NO.                   |  |
| WELL W<br>2. NAME OF OPERATOR   |   |  |  | 134 1773 James  |   |                           |  |
| Mewbourne Oi  | 1 Company   |  |  |   | 9. API WELL NO.   |                           |  |
| 8. ADDRESS AND TELEPHONE NO.  |   |  |  |   | 10. FIELD AND POOL.   | OR WILDCAT                |  |
| P.O. Box 5270, Hobbs, NM 88241 (505) 393-5905<br>4. LOCATION OF WELL (Report location clearly and in accordance with any State medificments.  |   |  |  |   | Avalon Morro  |                           |  |
| 4. LOCATION OF WELL (R<br>At surface  | leport location clearly and   | in accordance with   | ADY BOATE HEALIGE  | 1551 ····   | 11. ABC., T., B., M., OR<br>AND SURVEY OR   |                           |  |
| 1980' FSL & 1850' FWL<br>At proposed prod. sone   |   |  | and we want a state  |   | AND SURVEY OR AREA  |                           |  |
|   |   |  |  | ing. Utive  | Sec. 15, T21S, R26E   |                           |  |
|   | AND DIRECTION FROM NEA  | BEST TOWN OR POST  | OFFICE.  |   | 12. COUNTY OR PARIS   | H 18. STATE               |  |
|   | ,   |  |  |   | Eddy  | NM                        |  |
| 10. DISTANCE FROM PROP  | h of Carlsbad,  | New MEXICO   | 16. NO. OF ACRES IN  | LEASE 17. NO  | . OF ACRES ABBIGNED<br>THIS WELL  |                           |  |
| LOCATION TO NEARES  | IT<br>TINR PT.  | 1850'  | 640  |   | 320   |                           |  |
| (Also to nearest drig, unit line, if any)   |   |  | 19. FROPOSED DEPTH   | 1   | 20. ROTARY OR CABLE TOOLS   |                           |  |
| TO NEAREST WELL, DRILLING, COMPLETED,<br>OR APPLIED FOR, ON THIS LEASE, FT.   |   | N/A  | 11,200'  | I   | Rotary  |                           |  |
| 21. ELEVATIONS (Show wh   |   |  |  | ·   | Upon BLM A  |                           |  |
| 3180'   |   | ·  |  |   | Upon blin A   | pprovar                   |  |
| 23.   |   | PROPOSED CASIN   | G AND CEMENTING  | PROGRAM   |   |                           |  |
| SIZE OF HOLE  | ORADE, SIZE OF CASINO   | WEIGHT PER FOO   | DT BETTING   |   | QUANTITY OF CEM   |                           |  |
| 175"  | 13 3/8"   | 48#  | 400'+  | 420 8   | Sks Class "H, 35  | 1:65 PUZC C               |  |
|   | 8 5/8"  | 24# & 32#  | 2600 +   | 815 8   | Sks Tie Back Ir   | urface Casi               |  |
| 7 7/8"  | 5 1/2"  | 17# & 20#  | 11200 <u>+</u>   |   | Sks Class "C,H  | I''                       |  |
| Mewhourne 011 (   | Company proposed  | l to drill to  | a depth suf  | ficient to  | test the Morrow   | for gas.                  |  |
|   |   |  |  |   |   |                           |  |
|   | Vencing will be   | comented at  | ID. II HOI   | i-productive  | ' THE METT MIT  | - DC P+0660-              |  |
| productive, 5 <sup>1</sup> / <sub>2</sub> "<br>and abandoned 5  | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program   | - DC P+0660-              |  |
| productive, 5½'<br>and abandoned 5<br>outlined in the   | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program   | - DC P+0660-              |  |
| productive, 5 <sup>1</sup> / <sub>2</sub> '<br>and abandoned 5<br>outlined in the<br>Drilling Progra  | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program   | ns are                    |  |
| productive, 5½<br>and abandoned 5<br>outlined in the<br>Drilling Progra<br>Surface Use and  | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program   | s are                     |  |
| productive, 5½<br>and abandoned 1<br>outlined in the<br>Drilling Progra<br>Surface Use and<br>Exhibit #1  | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program   | s are                     |  |
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| productive, 5½<br>and abandoned 1<br>outlined in the<br><u>Drilling Progra</u><br><u>Surface Use and</u><br><u>Exhibit #1</u><br><u>Exhibit #2, 2A</u><br><u>Exhibit #3, 3A</u><br><u>Exhibit #4</u><br><u>Exhibit #5</u><br><u>Exhibit #6</u>  | 'casing will be<br>in a manner cons   | e cemented at<br>sistent with  | federal regu   | ilations. S   | pecific program<br>BUREAU OF LAND<br>ROSWELL OFF  |                           |  |
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| *See Instructions | On | Reverse | Side |
|-------------------|----|---------|------|
|-------------------|----|---------|------|