

30-025-31625

BLM Roswell District
Modified Form No.
NM60-3160-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | |
| 2. NAME OF OPERATOR STRATA PRODUCTION COMPANY | | 3a. Area Code & Phone No. 505-622-1126 |
| 3. ADDRESS OF OPERATOR POST OFFICE BOX 1030, ROSWELL, NM 88202 | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 560' FSL & 660' FWL At proposed prod. zone Delaware | | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles northwest of Jal, NM | | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | 560' | 16. NO. OF ACRES IN LEASE 640.0 |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | 660' | 19. PROPOSED DEPTH 8780' |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3720' GR | | 17. NO. OF ACRES ASSIGNED TO THIS WELL 40.0 |
| | | 20. ROTARY OR CABLE TOOLS Rotary |
| | | 22. APPROX. DATE WORK WILL START* July 1, 1992 |

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| 5. LEASE DESIGNATION AND SERIAL NO. NM-85940 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME Urraca Federal |
| 9. WELL NO. 2 |
| 10. FIELD AND POOL, OR WILDCAT Diamondtail-Delaware |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 11, T23S, R32E |
| 12. COUNTY OR PARISH Lea |
| 13. STATE NM |

PROPOSED CASING AND CEMENTING PROGRAM **Carlsbad Controlled Water Basin**

| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD TYPE | SETTING DEPTH | QUANTITY OF CEMENT |
|-----------|-------------|-------------|-------|-------------|---------------|------------------------------|
| 17 1/2" | 13 3/8" | 48# | H-40 | 8 RD ST&C | 600' | circ |
| 11" | 8 5/8" | 24 & 28# | J-55 | 8 RD ST&C | 4700' | 600' inside surf csg |
| 7 7/8" | 5 1/2" | 17# | J-55 | 8 RD LT&C | 8780' | tie back to intermediate csg |

SEE STRIPS.

- A. Will drill to a depth sufficient to test Delaware formation
B. Mud Program: 0'-650' Water & Native Mud
650'-4700' Brine
4700'-6500' Cut Brine 70-80K Chloride
6500'-TD Cut Brine & Starch, WL=10-15, Vis 31-32
C. BOP will be installed - See Exhibit "D"
D. Logs to be run: CNL/Den, DLL/RXO, GR/Neutron

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. 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.

SIGNED Regina Finley TITLE Production Records/Land Mgr DATE 05/18/92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ AREA MANAGER _____
TITLE CARLSBAD RESOURCE AREA DATE 6-9-92

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side