

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT PRINTING
OFFICE PL. MFR
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-31801
BLM Roswell District
Modified Form No.
NM60-3160-2

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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-27805	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Strata Production Company		7. UNIT AGREEMENT NAME	
3a. Area Code & Phone No. 505-622-1127		8. FARM OR LEASE NAME Lechuza Federal	
3. ADDRESS OF OPERATOR P. O. Box 1030, Roswell, New Mexico 88202-1030		9. WELL NO. #5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FSL & 330' FWL At proposed prod. zone unit L		10. FIELD AND POOL, OR WILDCAT East Livingston Ridge Delaware	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 35 miles east of Carlsbad, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 15-22S-32E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		12. COUNTY OR PARISH Lea	
16. NO. OF ACRES IN LEASE 640.00		13. STATE NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40.00		20. ROTARY OR CABLE TOOLS Rotary	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 788'		21. APPROX. DATE WORK WILL START* November 15, 1992	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3730' GL		22. APPROX. DATE WORK WILL START* November 15, 1992	

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'	Circulated
12 1/4"	8 5/8"	24# & 32#	J-55	8 RD ST&C	4460'	Circulated
7 7/8"	5 1/2"	17.5#	J-55	8 RD ST&C	8950'	Sufficient to tie back to 8 5/8" csg

- A. Will drill to a depth sufficient to test Delaware formation.
B. Cementing Program: See Supplemental Information attached hereto.
C. BOP will be installed: See Exhibit "D" attached hereto.
D. Logs to be run: CNL/FDC, DLL/MSFL, 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.

24. SIGNED Carol J. Garcia TITLE Production Supervisor DATE 11/4/92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 11-17-92

APPROVAL SUBJECT TO:
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side