

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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reverse side)

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-14791		
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 New Mexico Federal		
3. ADDRESS OF OPERATOR 648 Petroleum Building, Roswell, New Mexico 88201			9. WELL NO. 6		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' FNL & 330' FWL At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT Hat Mesa Delaware		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles west of Hobbs, New Mexico			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4: T21S, R32E		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		16. NO. OF ACRES IN LEASE 320	17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300' (approx)		19. PROPOSED DEPTH 8450'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3848' GR			22. APPROX. DATE WORK WILL START* July 20, 1991		

23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	J-55		350'	Circ
12 1/4"	8 5/8"	32# & 24#	J-55	3400'	3200'	Circ
7 7/8"	5 1/2"	17#	LT&C		8450'	Circ to surface pipe

- A. Will drill to a depth sufficient to test the Delaware formation.
B. Mud Program: 0-1300': Native mud.
1300-TD: Cut Brin with starch for W.L. Control and Caustic for PH control (10-11). Before drilling into Delaware, Lower W.L. to ± 10 cc and raise vis to 35-40 with salt gel and flocele. Raise chlorides above 125,000 ppm. Mud program may be altered as conditions dictate.
C. BOP will be installed. See exhibit "D".
D. Logs to be run: CNL-Density, MLLDLL, MSFL.

SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

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 Frank S. Morgan TITLE Vice President of Field Operations DATE 05/30/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 9-3-91

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Encl Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

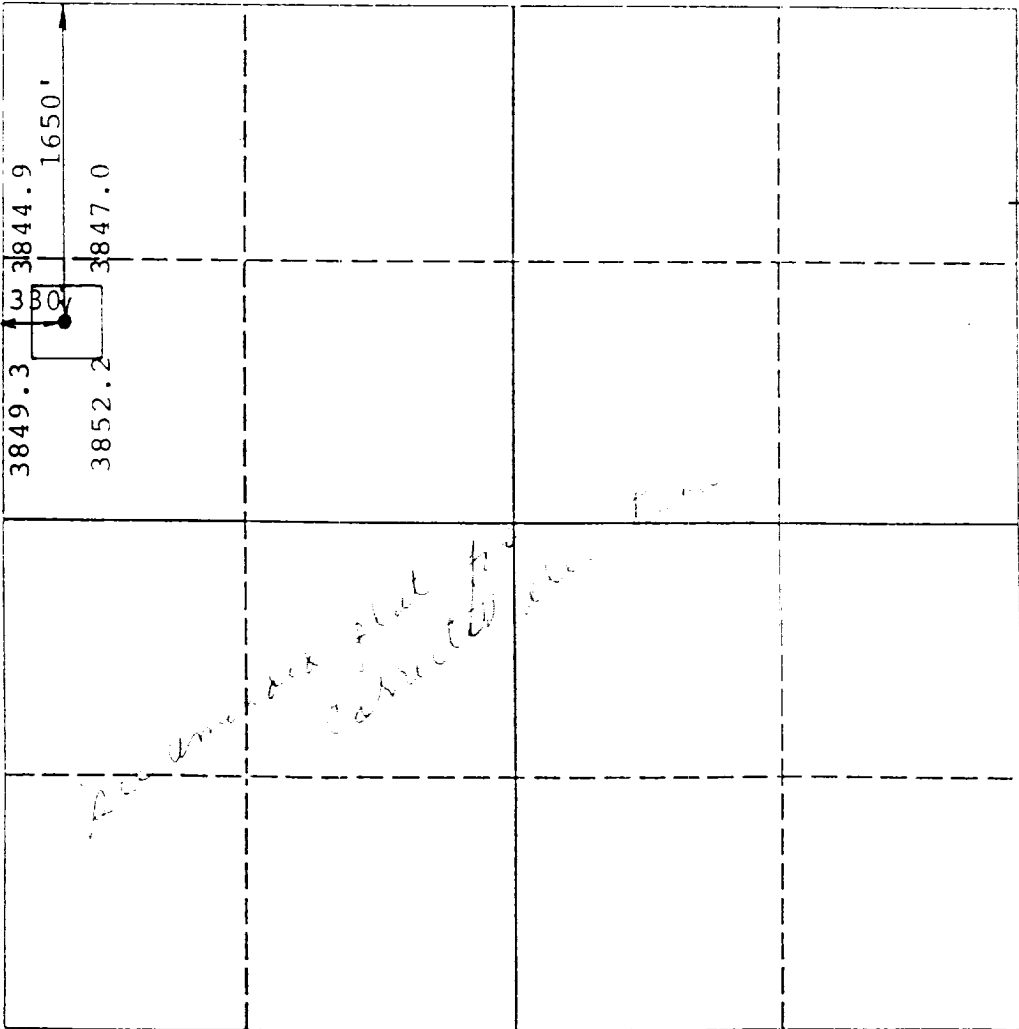
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator Strata Production Company			Lease N.M. Federal		Well No. 6
Unit Letter E	Section 4	Township 21 South	Range 32 East	County Lea	
Actual Footage Location of Well: 1650 feet from the North line and 330 feet from the West line					
Ground Level Elev. 3848		Producing Formation DELAWARE		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hardware marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (such as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
James G. McClelland
Printed Name
JAMES G. McCLELLAND
Position
VICE PRESIDENT
Company
STRATA PRODUCTION COMPANY
Date
4-10-91

SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 8, 1991
Signature & Seal of **P. B. Patton**
Professional Surveyor

Certificate No.
8112