30-005-21033

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [XX] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico "BA" State

2. Name of Operator
Sun Exploration & Production Co.

9. Well No.
4

3. Address of Operator
P. O. Box 1861, Midland, Texas 79702

10. Field and Pool, or Wildcat
Siete San Andres

4. Location of Well UNIT LETTER K LOCATED 2310 FEET FROM THE south LINE
AND 1980 FEET FROM THE west LINE OF SEC. 16 TWP. 8S RGE. 31E NMPM

12. County
Chaves

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
4000	San Andres	rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4233.0	blanket on file	NA	ASAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24#	1300	650	surf
7-7/8	5-1/2	14#	3900	450	2500

Blowout Preventer Attached

Formation	Top	Reservoir	Top
Rustler	1145	San Andres P_1 Porosity	3715 (+518)
Yates	1850	San Andres P_2 Porosity	3790 (+443)
San Andres	3018		
Marker	3560 (+673)		

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Thelma Reyes Title Sr. Accounting Asst. Date 2-27-85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE MAR - 1 1985

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME New Mexico "BA" State #4

COUNTY Chaves, NM

DATE 2/20/85 BY SWS