STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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U.S.G.S.		
LAND OFFICE		
OPERATOR		

5A. Indicate Type of Lease: STATE [XX] FEE [ ]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: Recomplete well to lower zone

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

7. Unit Agreement Name

8. Farm or Lease Name: State "B" A/C 1

2. Name of Operator: Sun Exploration and Production Company

9. Well No.: 3

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

10. Field and Pool, or Wildcat: Siluro Devonian

4. Location of Well: UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 2 TWP. 12-S RGE. 33-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
11060	Devonian	

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4230' GL		----------	ASAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17	13 3/8	48	326	350 Sxs	Surface
12 1/4	9 5/8	36	3880	3700 Sxs	Surface
7 7/8	7	23, 26 & 29	11060	250 Sxs	5300

1. MIRUPU. Lay down 1 jt tbg in slips. ND WH. NU BOP. RIH w/6-1/8" RB & 8 - 3½" DC's on 2-7/8" WS. Tag PBTD @ 9100'. MIRU Rev. Unit. Drill out CIBP at 9100 & 10150. POH. RIH w/6-1/8" RB & csg scraper to PBTD (11030). POH.

2. RIH w/7", 29# RDG pkr & SN on 2-7/8" WS to 10,650. Set pkr @ 10,650. Swab Devonian zone (perfs) to test 10,785-10,957 & 10,970-10,975. Evaluate flow rate & content (determine avg swab rate bbls/hr).

3. If production looks FAVORABLE, go to Step 4. If production looks UNFAVORABLE, POH w/tbg & pkr. Set CIBP @ 8900'. TA well. If necessary for further evaluation before proceeding to Step 4, put well on pump @ 1.25X120X11 as recommended in Step 9.

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 Dee Ann Kemp Title Associate Accountant Date 9-23-86

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE SEP 25 1986

CONDITIONS OF APPROVAL, IF ANY:

Old Penn perfs must be Squeezed