

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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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name State Land 76	
2. Name of Operator Sun Exploration and Production Co.		9. Well No. 3	
3. Address of Operator P.O. Box 1861, Midland, Texas 79702-1861		10. Field and Pool, or Wildcat North Anderson Ranch Cisen Canyon	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>660</u> FEET FROM THE <u>East</u> LINE AND <u>4720</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>2</u> TWP. <u>16-S</u> RGE. <u>32-E</u> NMPM		12. County Lea	
19. Proposed Depth 10626		19A. Formation Wolfcamp	
21A. Kind & Status Plug. Bond -----		22. Approx. Date Work will start ASAP	
21B. Drilling Contractor -----		20. Rotary or C.T. -----	
21. Elevations (show whether DF, KT, etc.) 4301.9' GR		23.	

~~PROPOSED~~ CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	406	400 Sxs	Surf.
11	8 5/8	24 & 32	4191	2450 Sxs	Surf.
7 7/8	5 1/2	15.5 & 17	10626	850 Sxs	7550

1. MIRU PU. POH w/rods (Oilwell "EL") & pump. NU BOP. Circ hole w/2% KCl fresh wtr. Drop SV to SN. Press test tbg to 8500 psi. Fish SV. Rls TAC & POH w/2-7/8" N-80 prod tbg.
2. MIRU CRC WL. Set CIBP via WL. Dump bail 2 sx cmt on top. Press test csg & CIBP to 2000 psi surf press for 15 min. CRC perf Wolfcamp Set I perfs 9945-9953 (depths per CRC GR/CCL), 2 JSPF, total 17 holes using 4" OD, 23 GC, .48" EH CG via CRC GR/CCL dated 3/17/85.
3. RIH w/5-1/2" Baker Retrievalmatic pkr & SN on 2-7/8" prod tbg to ±9960. Western spot 1300 gals 15% NEFE HCl w/additives* to TS. Displace 2 bbls acid from 9960 to 9874. Raise & set pkr @ ±9825 w/35,000# set down weight. Trap 2000 psi CP. Acidz perfs 9946-9954 @ 2 BPM in one stg w/no diversion. Max surf press 10,000 psi. Use 2% KCl fresh wtr for displacement.

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 3-31-86

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY Dee Ann Kemp TITLE Associate Accountant DATE 3-31-86

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

APR 2 - 1986