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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Smith "5"	
2. Name of Operator		9. Well No.	
Southland Royalty Company		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
21 Desta Drive, Midland, Texas 79705		Bone Springs <del>etc.</del>	
4. Location of Well		12. County	
UNIT LETTER <u>0</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>5</u> TWP. <u>19S</u> RGE. <u>35E</u> NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
10,177'	Bone Springs	Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3858' GR			3-30-84

## 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#	428'	475 sx.	Circ.
11"	8 5/8"	32#	3983'	500 sx.	3050' by TS.
7 7/8"	5 1/2"	15.5 & 17#	+ 9985'	700 sx.	TOC + 7100'.

Drill out cmt plugs in 8 5/8" csg to + 3800'. Press test 8 5/8" csg. Drl out cmt plugs @ 3800-4000', 5100-5200', 5900-6100' & 7625-77'. Clean out to PBTD @ + 9985'. Set 5 1/2" csg @ + 9985'. Cmt w/450 sx C1 "H" 50-50 Poz & 250 sx C1 "H". Run GR-CCL correlation log from PBTD to + 7950'. Perf 9610-9668'. Acdz perms w/3000 gals 15% HCl w/additives. Swb and test. RIH w/production equip & place well on production.

Original well name: Eugene B. Atkins et al #1

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9/21/84  
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.

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

Signed John Stark Title Operations Engineer Date 3/13/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAR 21 1984

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
MAR 15 1984  
O.C.D.  
HOBBS OFFICE