

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-005-60955
Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

APR 29 1981

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, ARTESIAN PLUG BACK		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. State Oil & Gas Lease No.
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Southwestern Resources, Inc., d/b/a Boyd Operating Company		8. Farm or Lease Name Isler
3. Address of Operator Box 1756 Roswell N.M. 88201		9. Well No. #1
4. Location of Well UNIT LETTER D LOCATED 660' FEET FROM THE North LINE AND 660' FEET FROM THE West LINE OF SEC. 15 TWP. 7-S RGE. 26-E NMPM		10. Field and Pool, or Wildcat Wildcat
		12. County Chaves
19. Proposed Depth 5,200'		19A. Formation Abo
20. Rotary or C.T. CT & RT		
21. Elevations (Show whether DF, KT, etc.) 3713 GR	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Van Curen
22. Approx. Date Work will start May 5, 1981		

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12 3/4"	40.5#	100'	50	Circ.
11"	8 5/8"	24.0#	1,400'	800	Circ.
7 7/8"	4 1/2"	9.5#	5,200'	300	4,200'

The 10 3/4" casing will be set with cable tools and cemented. The 8 5/8" casing will be set with rotary tools and cemented to surface by plug displacement. The 4 1/2" casing and B. O. P. will be tested to 1,000# prior to perforating for production.

Gas is not committed.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-1-81
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 PROD. TIVE 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 J. M. Boyd Title Operator Date April 27, 1981
(This space for State Use)

APPROVED BY N. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 01 1981
CONDITIONS OF APPROVAL, IF ANY:
Submit BOP Program