

20-025-29131

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 97501

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

7. Unit Agreement Name

8. Farm or Lease Name
Elkan

9. Well No.
4

2. Name of Operator
Amoco Production Company

10. Field and Pool, or Wildcat
Scharb Bone Springs

3. Address of Operator
P.O. Box 68, Hobbs NM

4. Location of Well
UNIT LETTER *N* LOCATED *519* FEET FROM THE *South* LINE
AND *2121* FEET FROM THE *West* LINE OF SEC. *9* TWP. *19-S* R.C. *35-E* N.M.P.M.

12. County
Lea

19. Proposed Depth *10,200* 15A. Formation *Bone Springs* 20. Industry or C.T. *Rotary*

11. Elevations (Show whether DT, H.I., etc.) *3822.8' GR* 21A. Kind & Status Plug Bond *Blanket on file* 21B. Drilling Contractor *N/A* 22. Approx. Date Work will start *ASAP*

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<i>17 1/2"</i>	<i>13 3/8"</i>	<i>54.5</i>	<i>350</i>	<i>Circulate</i>	<i>Surface</i>
<i>12 1/4"</i>	<i>8 5/8"</i>	<i>24</i>	<i>3,500</i>	<i>Tie back to 13 3/8"</i>	<i>350'</i>
<i>7 7/8"</i>	<i>5 1/2"</i>	<i>17, 15.5</i>	<i>10,200</i>	<i>Tie back 500' above T. Bone Springs</i>	<i>7355'</i>

Propose to drill and equip subject well in the Scharb Bone Springs formation. After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0-350 Native/Spud
350-3500 Brine
3500-10,200 Cut Brine

BOP Diagram Attached
0+6 NMCD, H 1-JRB 1-FJN 1-GCC

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 *Mary C. Clark* Title *Asst. Admin. Analyst* Date *2-12-85*

(This space for State Use)
Eddie W. Seay

APPROVED BY *Oil & Gas Inspector* TITLE DATE *FEB 13 1985*

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED

FEB 12 1985

U.S. DEPT.
JUSTICE OFFICE