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LAND OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input 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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Amoco 2 State	
2. Name of Operator Harvey E. Yates Company		9. Well No. 3	
3. Address of Operator P. O. Box 1933, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>660'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>18S</u> RGE. <u>32E</u> NMPM		12. County Lea	
19. Proposed Depth 5000'		19A. Formation Queen	
20. Rotary or C.T. Completion unit			
21. Elevations (Show whether DF, RT, etc.) 3887.5' GL		21A. Kind & Status Plug. Bond \$50,000 blanket	
21B. Drilling Contractor		22. Approx. Date Work will start as soon as possible	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24-32#	602'	350	
7 7/8"	5 1/2"	15.5-17#	5000'	825	

Notice of intent to plug back to Queen as follows:

- 1) Set CIBP @ 4450' w/35' cement on top.
- 2) Circulate hole from 4000' to surface w/1% KCL.
- 3) Perforate 1 JSPF from 3897'-3904' (8 holes).
- 4) Spot acid w/7 1/2% MSR-100 for breakdown. Swab to test.
- 5) If shows, frac w/20,000 gallons 70 quality foam & 36,000# 10-20# sand.

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 Ray L. Sexton Title Reservoir Engineer Date May 22, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

MAY 24 1985

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 23 1985

O.C.D.
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-120
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator HARVEY E. YATES		Lease ARCO 2 STATE		Well No. 3	
Well Letter D	Section 2	Township 18S	Range 32E	County LLA	
Actual Well Location of Well:					
990 feet from the NORTH line and		660 feet from the WEST line			
Ground Level Elev. 3887.5	Producing Formation Queen	Pool Wildcat		Dedicated Acreage: 40 Acres	

- 1 Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 3 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

<p>990'</p> <p>660'</p> <p>Amoco Prod. Co.</p>			

CERTIFICATION

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

A. J. Deans

A. J. Deans

Position

V. P. of Operation

Company

Harvey E. Yates Company

Date

October 1, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

9/25/84

Registered Professional Engineer
and Land Surveyor

John W. West

Certificate No. JOHN W. WEST,

676

RONALD J. EIDSON,

3239

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MAY 23 1985

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