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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.	
7. Unit Agreement Name	
8. Farm or Lease Name Betenbough Unit	
9. Well No. 1	
10. Field and Pool, or Wildcat Wildcat	
12. County Lea	
19. Proposed Depth PB to 12,000	19A. Formation Bough
20. Rotary or C.T. PU	
22. Approx. Date Work will start As soon as possible	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work	
DRILL <input type="checkbox"/>	DEEPEN <input type="checkbox"/>
PLUG BACK <input checked="" type="checkbox"/>	
2. Type of Well	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
OTHER <input type="checkbox"/>	
3. Name of Operator Harvey E. Yates Company	
4. Address of Operator P. O. Box 1933, Roswell, New Mexico 88201	
5. Location of Well	
UNIT LETTER C	LOCATED 660 FEET FROM THE North LINE
ND 1980	FEET FROM THE West LINE OF SEC. 32 TWP. 13S RGE. 36E
6. Elevations (Show whether DP, RT, etc.) 3975' GR	
21A. Kind & Status Plug. Bond \$50,000 Blanket	
21B. Drilling Contractor	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	369	400	
12 1/4	9 5/8	40	4600	3400	
8 3/4	5 1/2	17 & 20	13150	2100	

PROPOSED CASING AND CEMENT PROGRAM

This well is SI due to gas market. We plan to PD & test Bough formation and will return to the Atoka pending evaluation.

PROCEDURE:

1. MI & RU PU. ND tree, NU BOP. POH w/2 3/8" tbg, SN & 5 1/2" Lok-set pkr.
2. GIH & set RBP @ 12,000'. POH, Dump 2 sxs sd on top.
3. GIH & run GR CCL/CBL form 10500' to TOC +400' free pipe. (TOC @ 8640' by temp. survey), POH.
4. GIH & perf 2 JSPF from 10291' to 10298' (15 holes). POH.
5. GIH w/pkr, SN & 2 3/8" tbg, spot 250 gals 15% HCL w/EDTA, Phosphates & nonionic surfactants over perfs. Break down perfs & swab to recover load.
6. If well kicks off flowing, leave open to test tank. If unable to flow, change out subsurface equipment for pumping.
7. Turn over to pumper and prepare to modify production equipment.

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 F. Osher Title Reservoir Engineer Date 4/22/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY DEXTON

DISTRICT 1 SUPERVISOR

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DISTRICT 1 SUPERVISOR DATE APR 24 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 23 1985

O.C.D.
HOBBS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

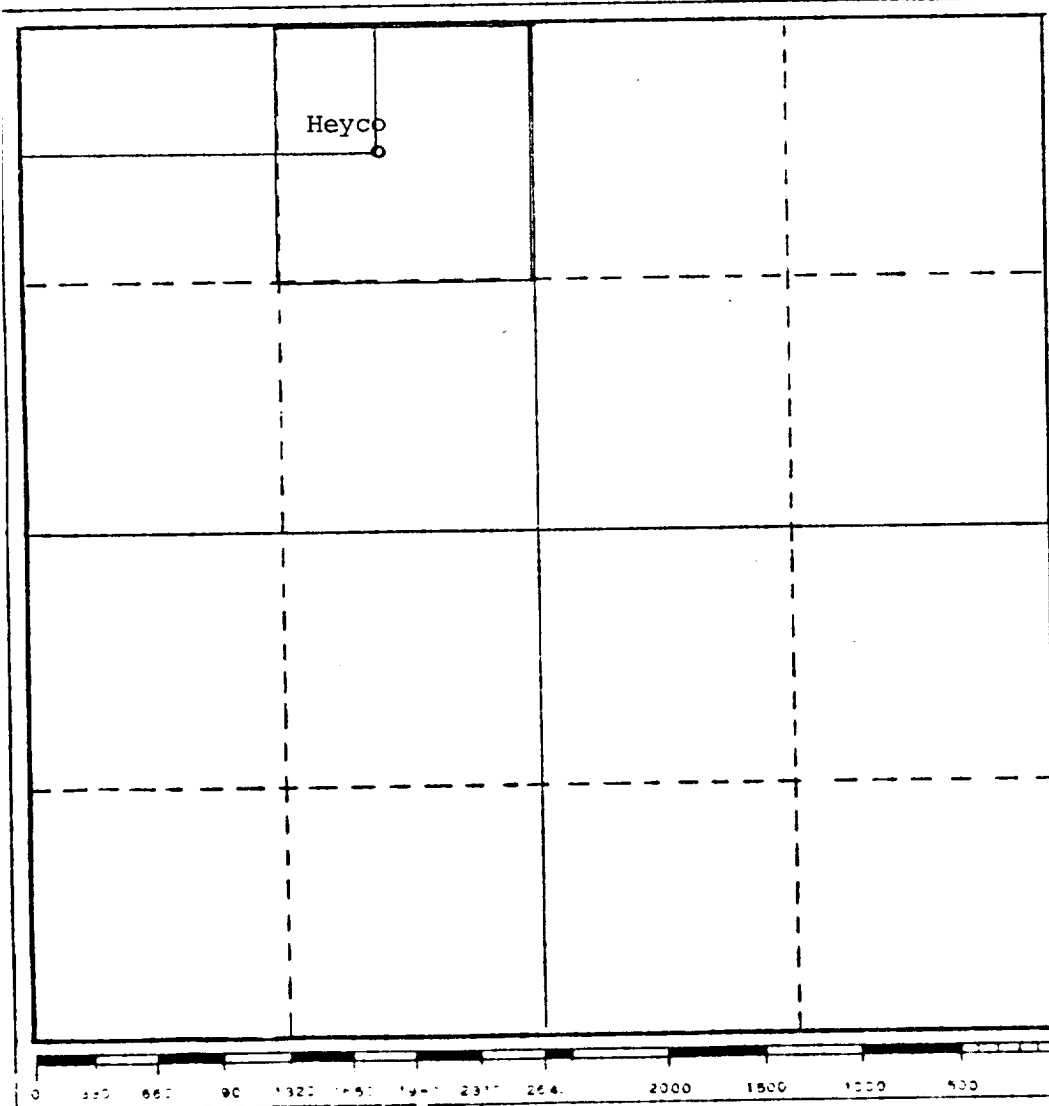
Operator Harvey E. Yates Company			Lease Betenbough Unit		Well No. 1
Unit Letter C	Section 32	Township 13S	Range 36E	County Lea	
Actual Footage Location of Well:					
660 feet from the North line and		1980 feet from the West line			
Ground Level Elev. 3975'	Producing Formation Bough	Pool Wildcat		Dedicated Acreage: 40	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



CERTIFICATION

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

Ray F. Nokes

Name
Ray F. Nokes

Position
Reservoir Engineer

Company
Harvey E. Yates Company

Date
April 22, 1985

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

REC-107
APR 23 1985
O.C.O.
HOBBS OFFICE