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NEW MEXICO OIL CONSERVATION COMMISSION

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SEP 27 1984

O. C. D.
ARTESIA, OFFICEForm C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-8368

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

Type of Work	DRILL ☒	DEEPEN ☐	PLUG BACK ☐
Type of Well	GIL ☒	GAS WELL ☐	OTHER ☐
Location of Well	SINGLE ZONE ☒	MULTIPLE ZONE ☐	

Name of Operator	Harvey E. Yates Company
Address of Operator	P. O. Box 1933, Roswell, New Mexico 88201
Location of Well	UNIT LETTER O LOCATED 660 FEET FROM THE South
1980	FEET FROM THE East LINE BY SEC. 2 TWP. 18S RGE. 31E

7. Unit Agreement Name
8. Form or Lease Name
Mosquito 2 State
1. Well No.
1
10. Is it a Pool, or Wildcat
Wildcat - Roswell
12. County
Eddy

11. Proposed Depth	9200	13A. Formation	Bone Springs	25. History of CWT	Rotary
14. Estimated Cost	\$50,000 Blanket	15. Estimated Cost per Foot	Peterson Drilling	22. Approx. Date Work will start	As soon as possible
16. Estimated Production	3773.3 GL	17. Estimated Production		23. Estimated Production	

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 - 54	600	500	Circ
11	8 5/8	24 - 32	2650	800	Circ
7 7/8	5 1/2	17 - 20	9200	520	Suff to cover 600' above payzone.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 4-2-85
 UNLESS DRILLING UNDERWAY.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PREVIOUS 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 Title Reservoir Engineer Date 9/25/84
 (This space for State Use)

APPROVED BY Leslie A. Clements TITLE Supervisor District II DATE OCT 0 3 1984

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 12-65

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

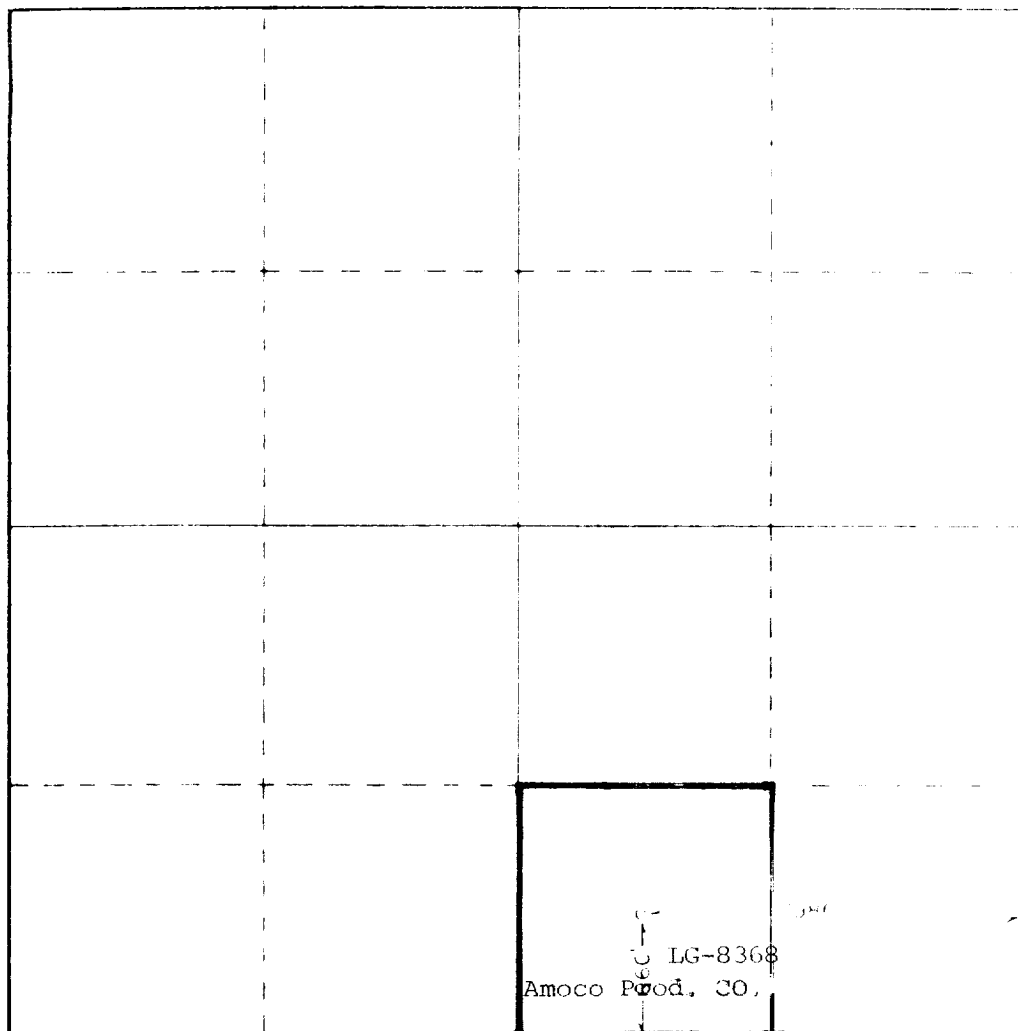
Operator HARVEY E. YATES CO.		Lease 100-100-100		Well No. 1	
Section 1	Township 10N	Range 10E	County Lincoln	State N.M.	
Actual Stage Location of Well:					
Depth 3773.3	feet from the Bone Springs	line and Wildcat	Section 40	Other 	

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

Ray F. Nokes

Reservoir Engineer

Harvey E. Yates Company

9/25/84

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.

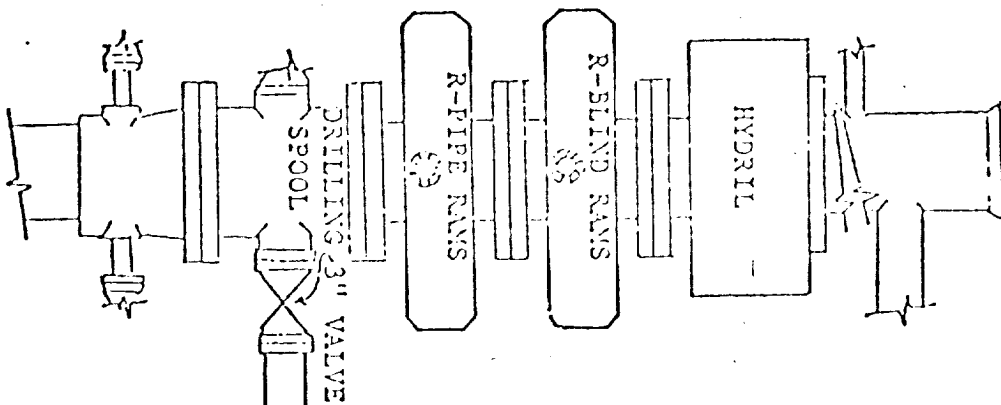
I, the Surveyor,

Professional Land Surveyor
No. 11,101 and Surveyor

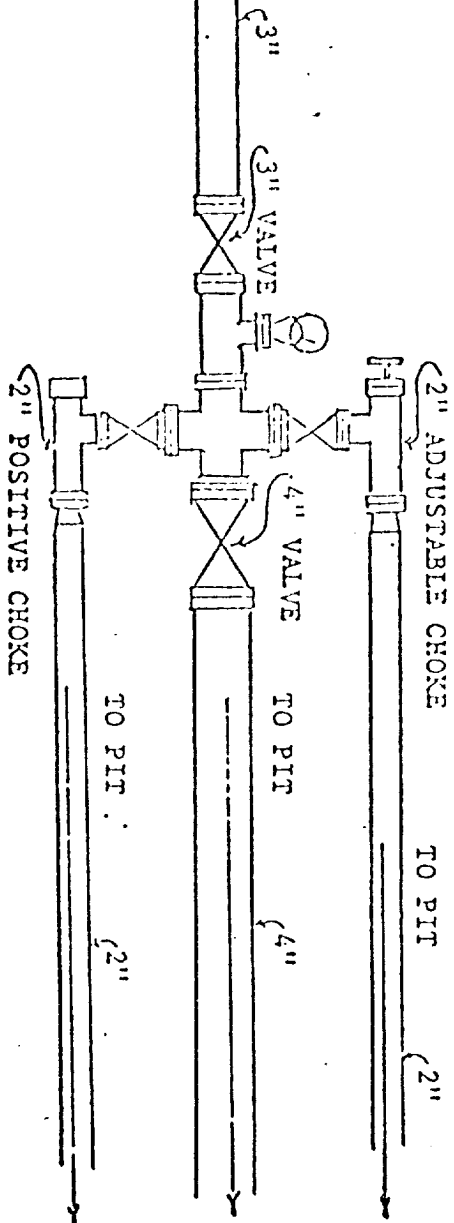
John W. West

Certificate No. JOHN W. WEST, 576
RONALD J. EIDSON, 3239

0 130 660 90 1320 1680 1980 2340 2640 2000 1800 1600 1400 1200 1000 800



BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000# WORKING PRESSURE - 6,000# TEST



ATTACHMENT TO FORM C-101