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MAY 21 1984
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ARTESIA OFFICE

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

CASA PETROLEUM, INC.

Address of Operator

105 N. 1TH Street Artesia, NM 88210

Location of Well

UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE

990 FEET FROM THE East LINE OF SEC. 25 TWP. 17S RGE. 27E NMPM

7. Unit Agreement Name
L-4672

8. Farm or Lease Name
MICHAEL STATE

9. Well No.
1

10. Field and Pool, or Wildcat
Artesia Queen, Grayburg
San Andres

11. County
Eddy

12. Proposed Depth 1990'
19A. Formation San Andres
13. Rotary or C.T. Rotary

14. Elevations (show whether DE, RT, etc.) 3535.7GL
21A. Kind & Status Plug. Bond Single wells \$5,000
21B. Drilling Contractor Salazar Brothers
22. Approx. Date work will start 5/22/84

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	8 5/8"	24#	350'	255 SUFF TO	CIRC
7 7/8"	4 1/2"	10.5#	1990'	350 SXS	100'

WE PROPOSE TO DRILL & TEST THE SAN ANDRES AND INTERMEDIATE FORMATIONS. APPROXIMATELY 350' OF SURFACE CASING WILL BE SET AND CEMENT CIRCULATED TO SHUT OFF GRAVEL AND CAVING. IF COMMERCIAL, PRODUCTION CASING WILL BE RUN AND CEMENTED WITH ADEQUATE COVER, PERFORATED AND STIMULATED AS NEEDED FOR PRODUCTION

MUD PROGRAM - NATIVE MUD TO 350', FRESH WATER TO TD

BCP PROGRAM - BOP'S WILL BE INSTALLED AT 350' & TESTED DAILY

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-22-84
UNLESS DRILLING UNDERWAY

BEFORE 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.

by Craig Herrell Title GEOLOGIST Date 5/17/84

(This space for State Use)

APPROVED BY Sam Brooks TITLE Geologist DATE 5/22/84

CONDITIONS OF APPROVAL, IF ANY:

Went 2 PM
5-25-84

MEXICO OIL CONSERVATION COMMISS
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

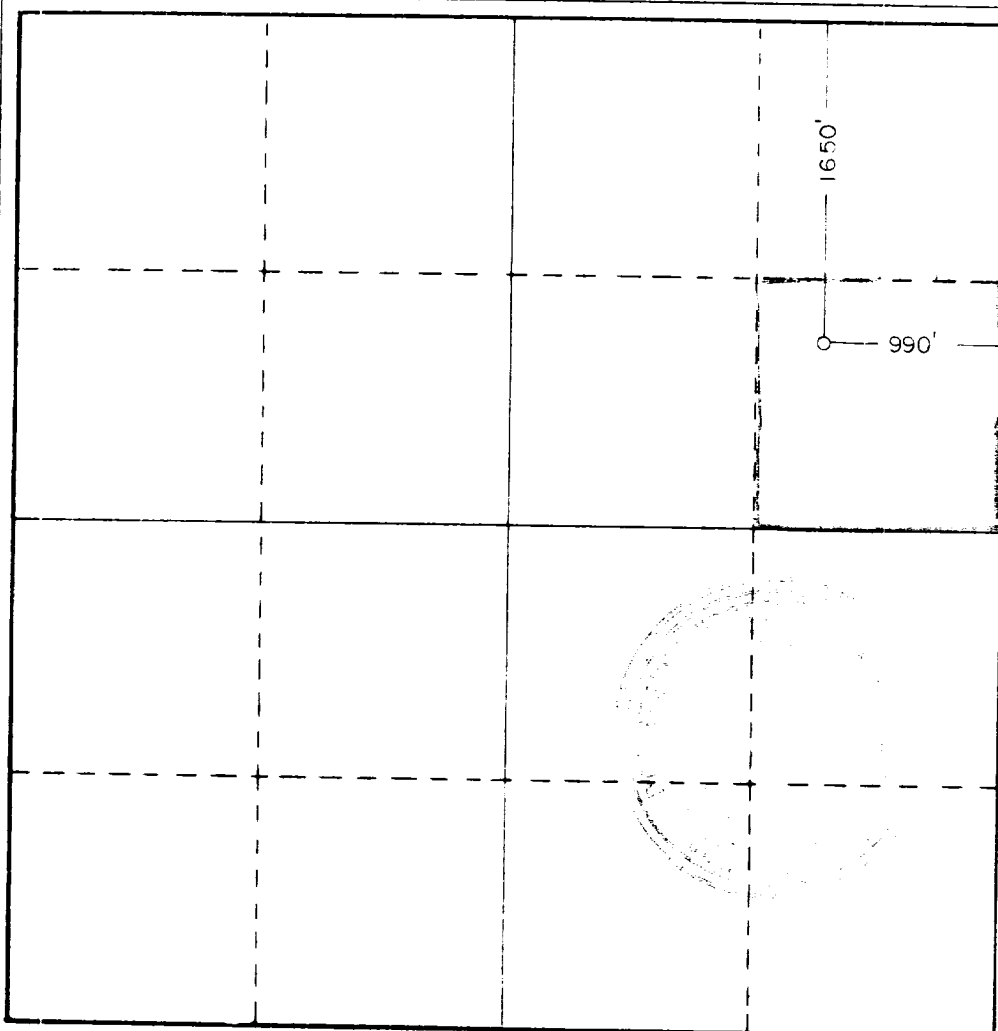
Operator CASA PETROLEUM CO.			Lease MICHAEL		Well No. 1
Tract Letter H	Section 25	Township 17S	Range 27E	County EDDY	
Actual Footage Location of Well: 1650 feet from the NORTH line and 990 feet from the EAST line					
Ground Level Elev. 3535.1	Producing Formation GB-PRE	Pool ARTESIA Q, GB, SA	Dedicated 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.



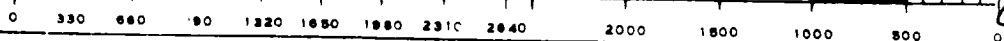
CERTIFICATION

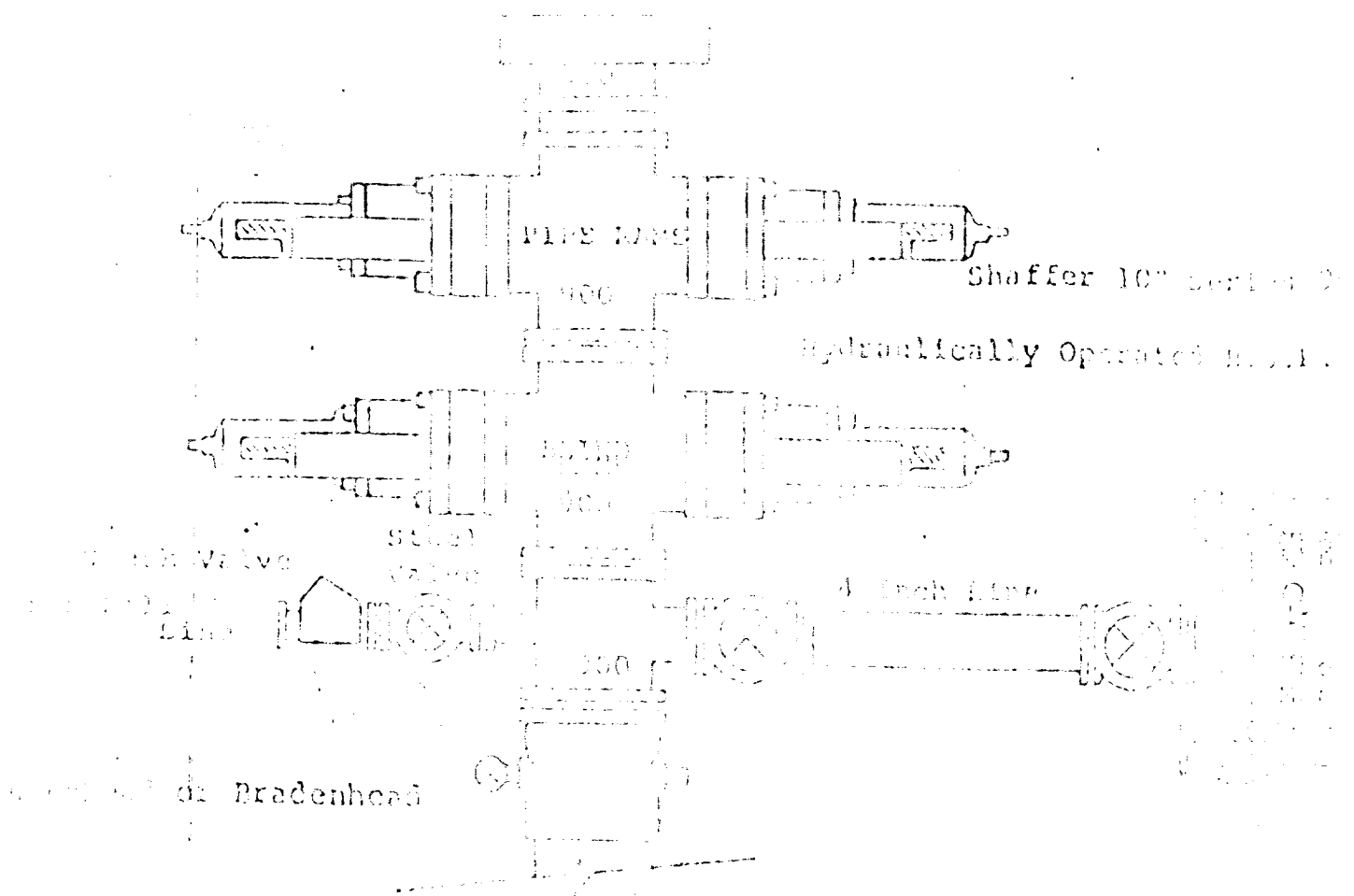
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Craig Otto Hertel
Position Geologist
Company Casa Petroleum
Date 5/17/84

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.

Date Surveyed 5/12/84
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239





THE FOLLOWING CONSTITUTE MINIMUM BACKFLOW PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary means installed prior to drilling out from under casing.
2. The outlet to be a minimum of 4" diameter.
3. The line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be a minimum of 1/2" or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of the pressure with sufficient volume to operate the B.O.P.'s.
6. All connections to a backflow preventer to have a pressure rating of at least 100% of the B.O.P.'s.
7. The backflow preventer to be installed on the rig floor.
8. The backflow preventer to be installed on the rig floor.
9. The backflow preventer to be kept filled with fluid below intermediate casing.
10. The backflow preventer to be kept filled with fluid below zone of first gas.