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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

South Hobbs (GSA) Unit

9. Well No.  
196

10. Field and Pool, or Wildcat  
Hobbs GSA

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
P. O. Box 68, Hobbs, NM 88240

4. Location of well  
UNIT LETTER M LOCATED 245 FEET FROM THE South LINE  
AND 96 FEET FROM THE West LINE OF SEC. 4 TWP. 19-S RCE. 38-E NADP

12. County  
Lea

11. Elevations (show whether DF, HI, etc.) 3605.0' GR  
19. Proposed Depth 4500'  
19A. Formation Grayburg-San Andres  
20. Rotary or C.T. Rotary  
21A. Kind & Status Plug. and blanket-on-file  
21B. Drilling Contractor N/A  
22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11" or 12-1/4"	8-5/8"	24#	1600'	circulate	surface
7-7/8"	5-1/2"	15.5#	4500'	circulate	surface

Propose to drill and equip well in the Grayburg - San Andres formation. After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0' - 1600' Native

1600' - 3800' Brine - Min properties for safe hole conditions

3800' - TD Salt gel/starch

BOP Diagram Attached

0+6 - NMOCD, Hobbs 1 - J. R. Barnett, Houston, Rm. 21.156 1 - F. J. Nash, Houston, Rm. 4.206  
1 - GCC 1- Texaco 1- Petro Lewis

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 Harry C. Clark Title Asst. Admin. Analyst Date 9-7-84

(This space for State Use)  
ORIGINAL

DISTRICT

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV - 6 1984

CONDITIONS OF APPROVAL, IF ANY:

**NEW      ICO 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.

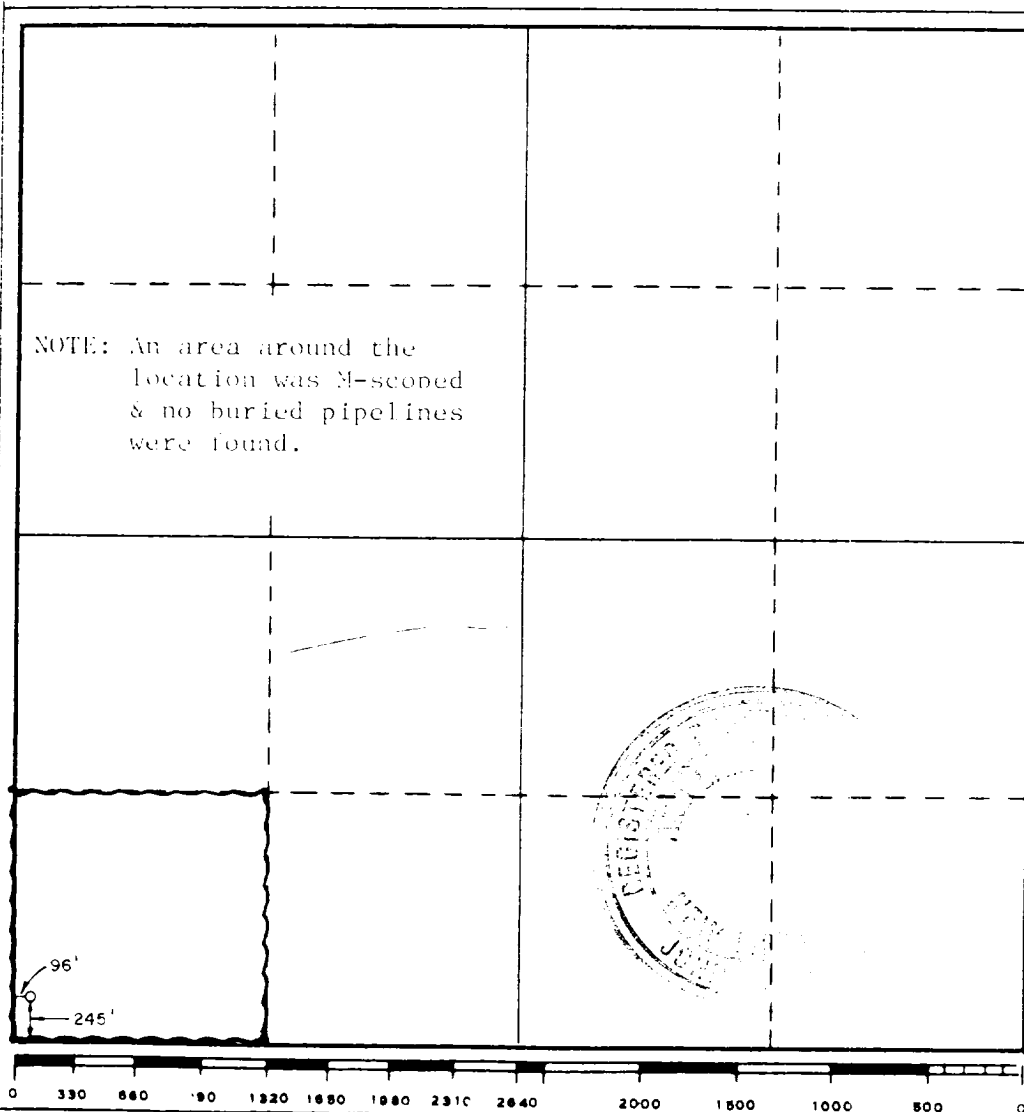
Operator <b>Amoco Production Company</b>			Lease <b>South Hobbs (G-SA) Unit</b>		Well No. <b>196</b>
Unit Letter <b>M</b>	Section <b>4</b>	Township <b>19 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>245</b> feet from the <b>south</b> line and <b>96</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3605.0'</b>	Producing Formation <b>Grayburg San Andres</b>		Pool <b>Hobbs GSA</b>	Dedicated Acreage: <b>40</b> 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 Unitization

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 *Harry C. Clark*  
 Position Assist. Admin. Analyst  
 Company AMOCO PRODUCTION COMPANY  
 Date 9-7-84

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  
June 13, 1984

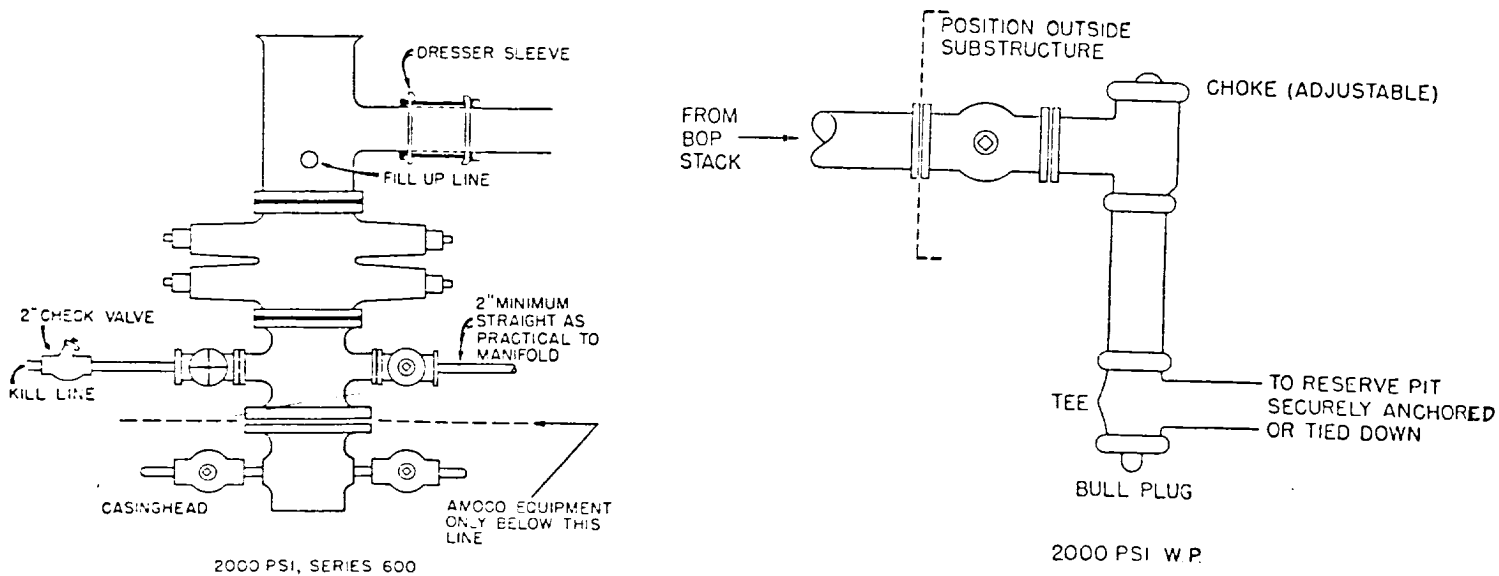
Registered Professional Engineer  
and/or Land Surveyor

*John W. West*  
 Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

# STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually operated.
2. All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
3. Bell nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock to be installed on kelly.
5. Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
6. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
7. Double or space saver type preventers may be used in lieu of two single preventers.
8. BOP rams to be installed as follows:
  - Top preventer - Drill pipe or casing rams
  - Bottom preventer - Blind rams

\*Amoco District Superintendent may reverse location of rams.
9. Extensions and hand wheels to be installed and braced at all times.
10. Manifold valves may be gate or plug metal to metal seal 2" minimum.



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