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# NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 10-16-77

30-045-22646

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.		

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name <b>Heath Gas Com "A"</b>	
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>		9. Well No. <b>1A</b>	
3. Address of Operator <b>501 AIRPORT DRIVE, FARMINGTON, NEW MEXICO 87401</b>		10. Field and Pool, or Wildcat <b>Blanco Mesaverde</b>	
4. Location of Well UNIT LETTER <b>0</b> LOCATED <b>1015</b> FEET FROM THE <b>South</b> LINE AND <b>1850</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>32</b> TWP. <b>30N</b> RGE. <b>9W</b> NMPM		12. County <b>San Juan</b>	
19. Proposed Depth <b>4815'</b>		19A. Formation <b>Mesaverde</b>	20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>5707' GL</b>	21A. Kind & Status Plug. Bond <b>Statewide</b>	21B. Drilling Contractor <b>Unknown</b>	22. Approx. Date Work will start <b>9/1/77</b>

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3#	250'	300	Circ.
8-3/4"	7"	20.0#	2720'	600	Circ.
6-1/4"	4-1/2"	10.5#	4815'	300	Circ.

Amoco proposes to drill the above well to develop the Mesaverde reservoir. The well will be drilled using rotary tools with water and Benex as the circulating media to the intermediate casing point. The well will be gas drilled from the intermediate casing point to TD. Production casing will be set thru the Mesaverde formation on completion. Perforations and stimulation will be based on analysis of open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

Upon completion, the well location will be cleaned, and the reserve pit filled.

Gas produced from this well is dedicated to El Paso Natural Gas Company.

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.

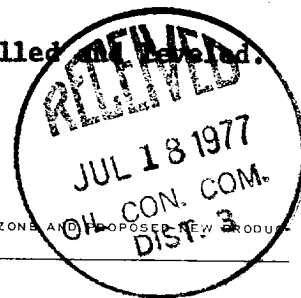
Signed J. H. Knapp Title Area Engineer Date 7/13/77

(This space for State Use)

ORIGINAL SIGNED BY N. E. MAXWELL, JR. PETROLEUM ENGINEER DIST. NO. 5

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 18 1977

CONDITIONS OF APPROVAL, IF ANY:



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.

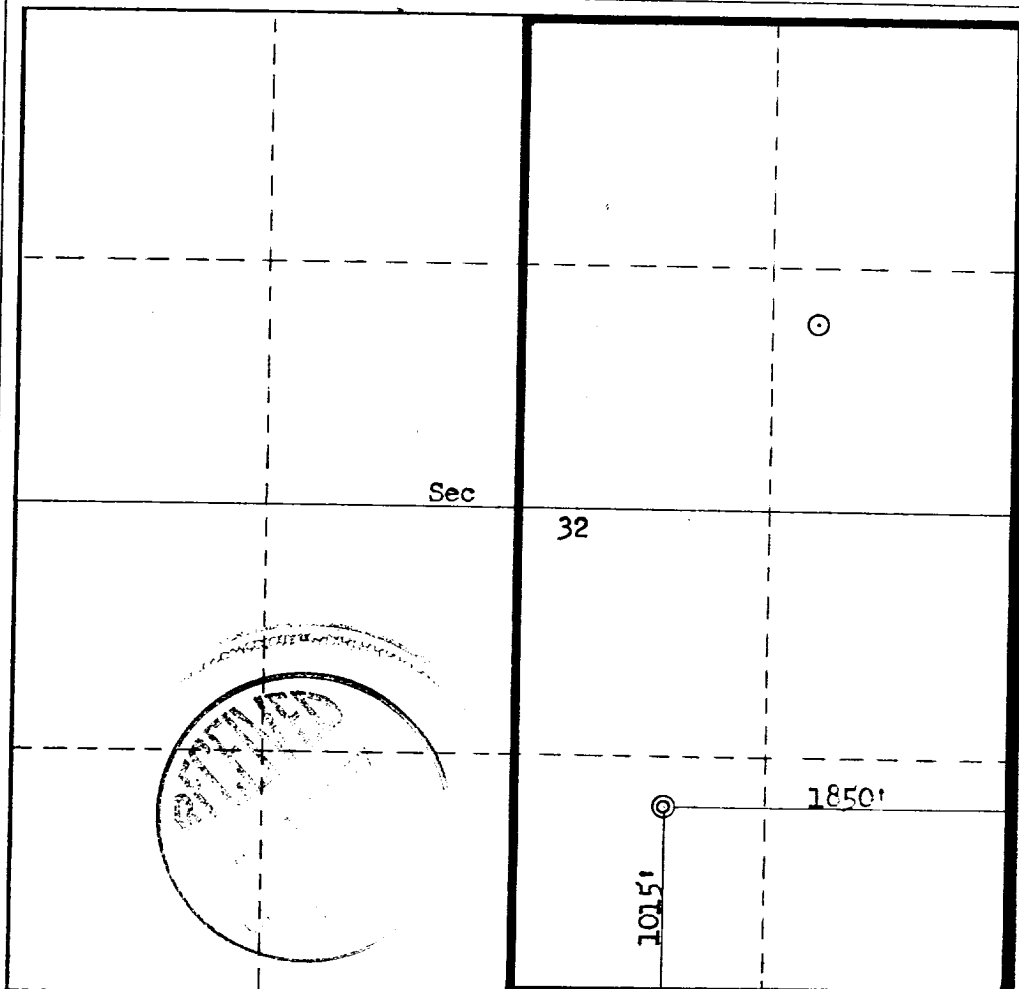
Operator <b>Amoco Production Company</b>			Lease <b>Heath Gas Com "A"</b>		Well No. <b>1A</b>
Unit Letter <b>0</b>	Section <b>32</b>	Township <b>30N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1015</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5707</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco Mesaverde</b>		Dedicated Acreage: <b>E/ 320</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 \_\_\_\_\_

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  
**J. L. KRUPKA**  
Position  
**AREA ENGINEER**  
Company  
**AMOCO PRODUCTION COMPANY**  
Date  
**JULY 13, 1977**

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 29, 1977**

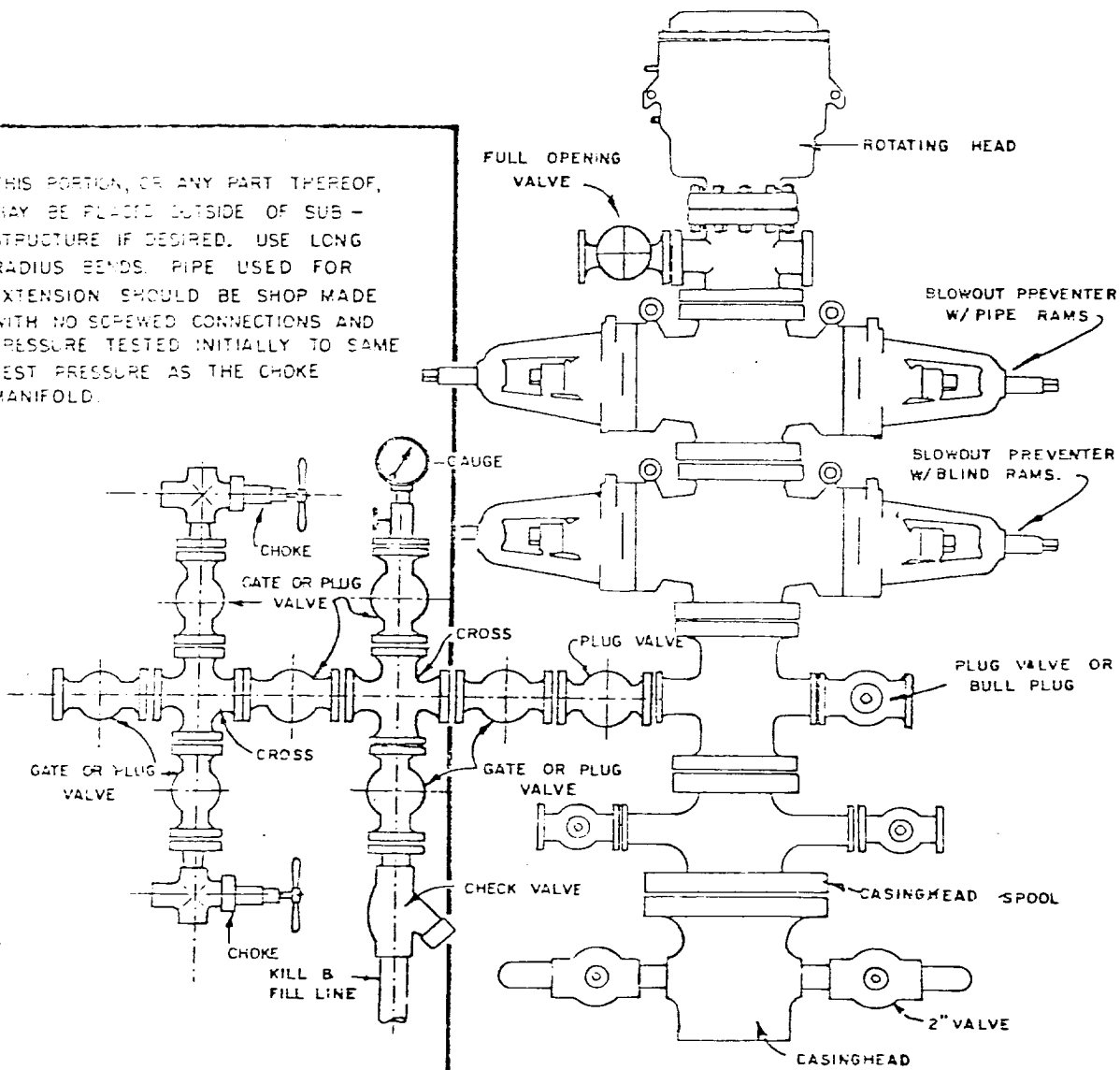
Registered Professional Engineer and/or Land Surveyor

**Fred B. Kerr Jr.**

Certificate No.  
**3950**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP