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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

API # 30-037-20018

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
b. Type of Well 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"/>		5. State Oil & Gas Lease No. 733
2. Name of Operator Amoco Production Company		7. Unit Agreement Name
3. Address of Operator P.O. Drawer A, Levelland, Tx 79336		8. Farm or Lease Name State "GM"
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>16</u> TWP. <u>6-N</u> RGE. <u>29-E</u> N. 10 M.		9. Well No. 1
		10. Field and Pool, or Nearest Wildcat-Wolfcamp
		17. County Quay
		18. Formation Wolfcamp
		19. Rotary or C.T. Rotary
21. Elevations (show whether DE, RI, etc.) 4845.2 GL	21A. Kind & Status Plug. Bond Blanket on File	21B. Drilling Contractor Verna
		22. Approx. Date Work will start 11-27-78

23. 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"	36#	1700'	Circulate to surface	
8 3/4"	5 1/2"	15.5#-17#	6400'	Circulate to surface	

After reaching TD, logs will be run and evaluations made. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0-1700' Native mud and water.  
1700'-6400' Low solids mud and commercial mud to maintain good hole conditions.

BOP Program attached  
Gas is not dedicated.

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 2-27-79  
UNLESS DRILLING UNDERWAY

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 Dennis Evans Title Assist. Admin. Analyst Date 11-21-78

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 11-29/78

CONDITIONS OF APPROVAL, IF ANY:  
0+4-NMOCD-SF 1-Susp  
1-Houston 1-DE  
COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, TOCORRO  
AT AT LEAST 100 FOOT INTERVALS

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1  
Superseded O-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

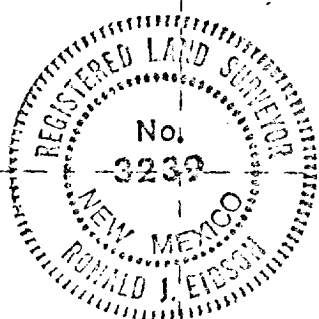
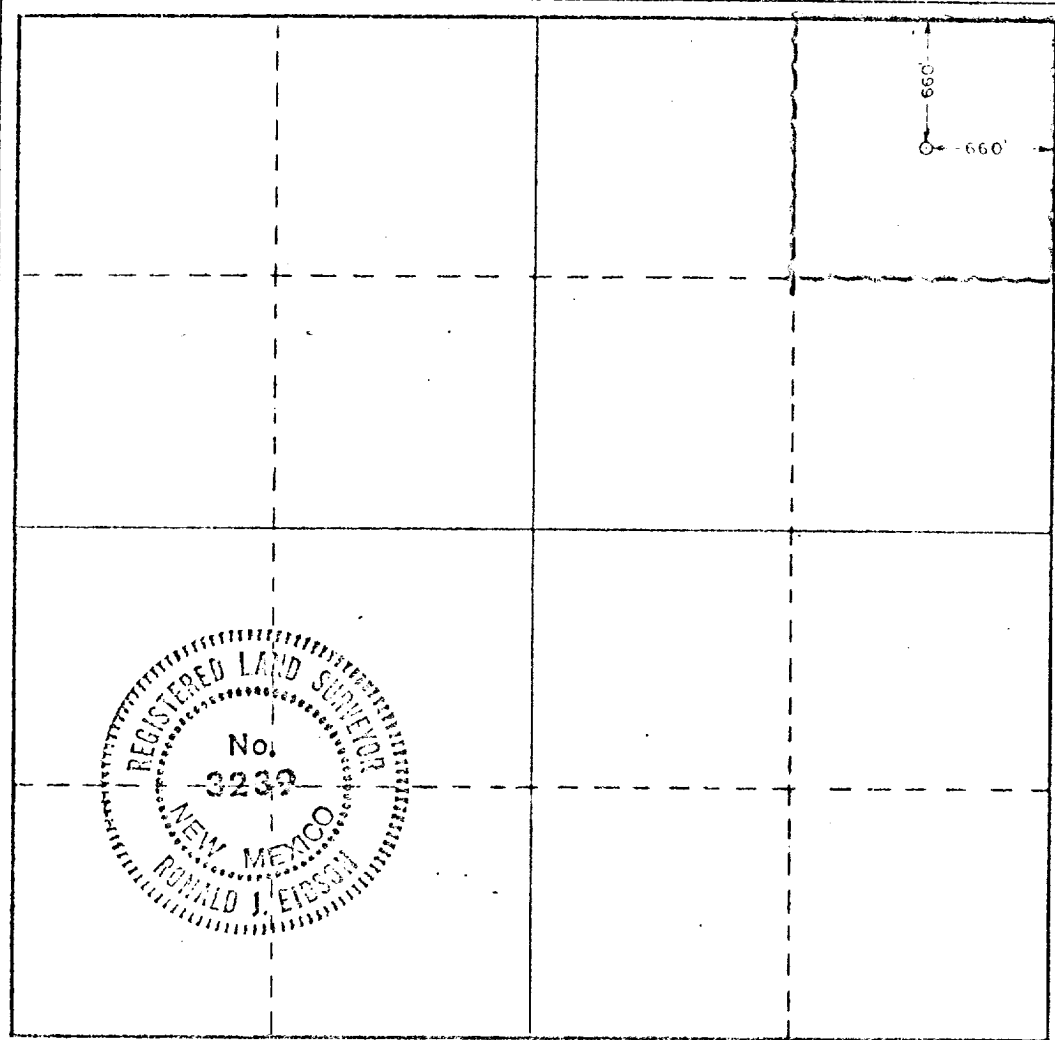
Lessee <b>Amoco Production Co.</b>			Lease <b>State G M</b>			Well No. <b>1</b>		
Tract Letter <b>A</b>	Section <b>16</b>	Township <b>6 North</b>	Range <b>29 East</b>	County <b>Quay</b>				
Actual Wellbore Location of Well:								
<b>660</b> feet from the <b>North</b> line and			<b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>4845.2</b>	Producing Formation <b>WOLF CAMP</b>		Pool <b>WILDCAT WOLF CAMP</b>			Dedicated Acreage <b>40</b>		

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.

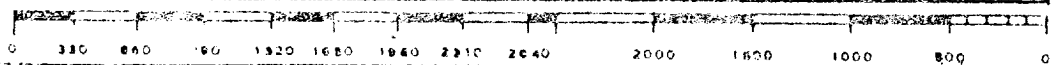
Name  
**Dennis Evans**  
Position  
**Asst. Admin. Analyst**  
Company  
**Amoco Production Co**  
Date  
**11-21-78**

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  
**November 17, 1978**

Registered Professional Engineer and or Land Surveyor

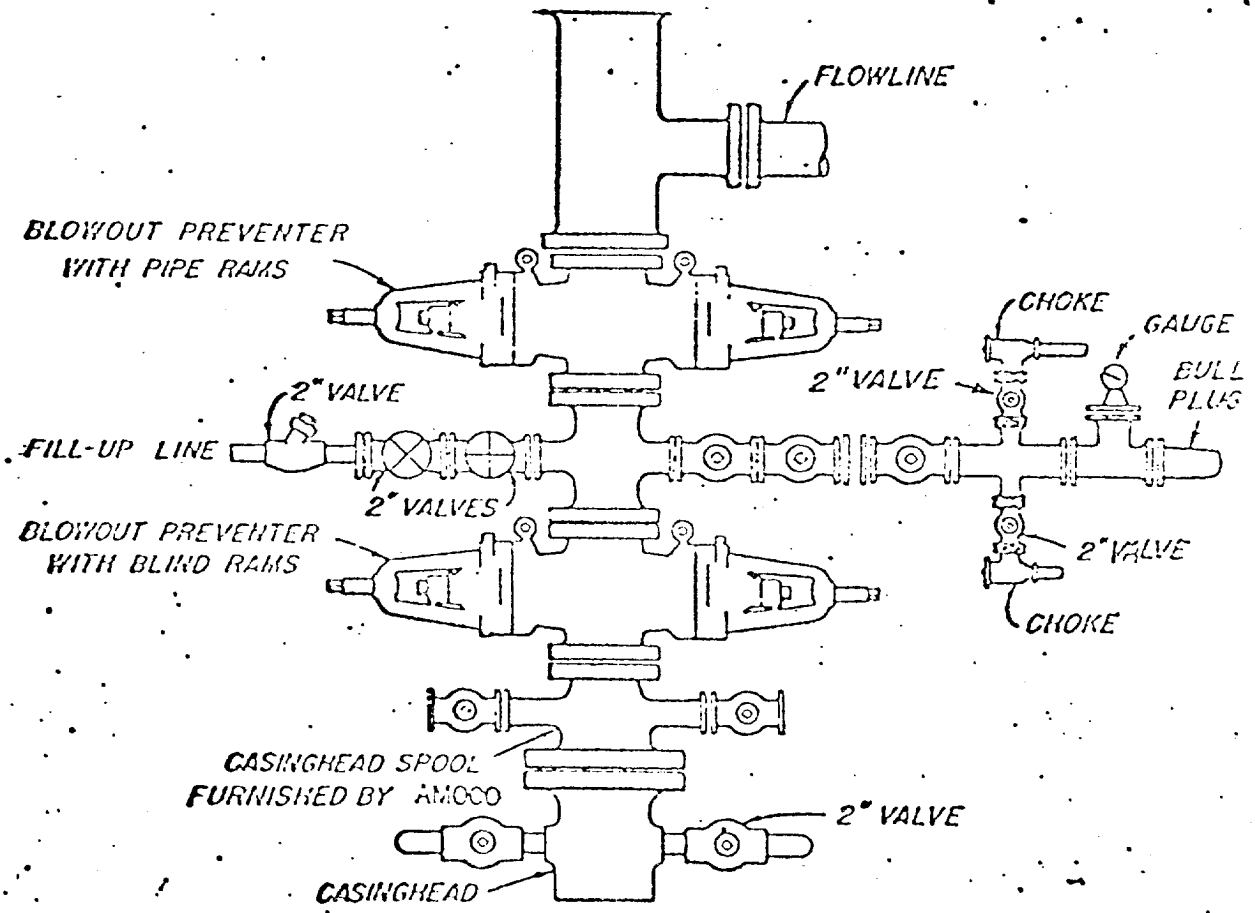
**Ronald J. Eidsen**  
Certificate No. **John W. West 676**  
**Ronald J. Eidsen 3239**



**ATTACHMENT "B"**  
**NOTES**

1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test) minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Amoco.
11. Rams in preventers will be installed as follows:  

When drilling, use: Top Preventer - Drill pipe rams Bottom Preventer - Blind rams or master valve	When running casing, use: Top Preventer - Casing rams Bottom Preventer - Blind rams or master valve
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**BLOWOUT PREVENTER HOOK-UP**

AMOCO PRODUCTION COMPANY

**EXHIBIT D-1 MODIFIED**

JUNE 1, 1962