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NEW MEXICO OIL CONSERVATION COMMISSION

APR 14 1980

O. C. D.  
ARTESIA, OFFICE

30-015-23292

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil &amp; 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 Alley	
2. Name of Operator Amoco Production Company		9. Well No. 1	
3. Address of Operator P.O. Box 68 Hobbs, NM 88240		10. Field and Pool, or Wildcat Und. Morrow	
4. Location of Well UNIT LETTER E LOCATED 2080 FEET FROM THE North LINE AND 860 FEET FROM THE West LINE OF SEC. 1 TWP. 19-S RGE. 25-E NMPM		12. County Eddy	
19. Proposed Depth 9350'		19A. Formation Morrow	
21. Elevation (Show whether DT, RL, etc.) 3463.5 GL		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond Blanket-on-file		22. Approx. Date Work will start 4-10-80	
21B. Drilling Contractor Sharp #62			

23.

## 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#	400'	Circ	Surf
12 1/4"	9-5/8"	36#	1300'	Circ	Surf
8-3/4"	5-1/2"	17#, 20#, or 23#	9350'	Tie back to 9-5/8"	Btm 9-5/8"

Propose to drill and equip well in the Morrow formation. After reaching TD logs will be run and evaluated; perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0 - 400' Native mud and fresh water.  
400' - 1300' Native mud and fresh water.  
1300' - TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

This will require force pooling of working interests and royalty interests. There is 3/32 mineral interest which involves approximately 30 individuals whom we have been unable to contact. Also approximately 3% working interest will be force pooled. Force pool ~~APPROVAL REQUIRED~~ for hearing on the May 7, 1980 docket.

BOP Program attached

Gas is not dedicated.

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.

EXPIRES 7/17/80

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

Signed Bob Davis Title Administrative Analyst Date 4-10-80

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE APR 17 1980

CONDITIONS OF APPROVAL, IF ANY:

0+4 - NMOCD-A 1 - Hou 1 - Susp 1 - BD

Cement must be circulated to surface behind 13 3/8" + 8 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing

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 Co.</b>		Lease <b>Alley</b>		Well No. <b>1</b>	
Unit Letter <b>E</b>	Section <b>1</b>	Township <b>19 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2080</b> feet from the <b>North</b> line and <b>860</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3463.5</b>	Producing Formation <b>Morrow</b>		Pool <b>Und Morrow</b>	Dedicated Acreage: <b>(320) 319.41</b> Acres	

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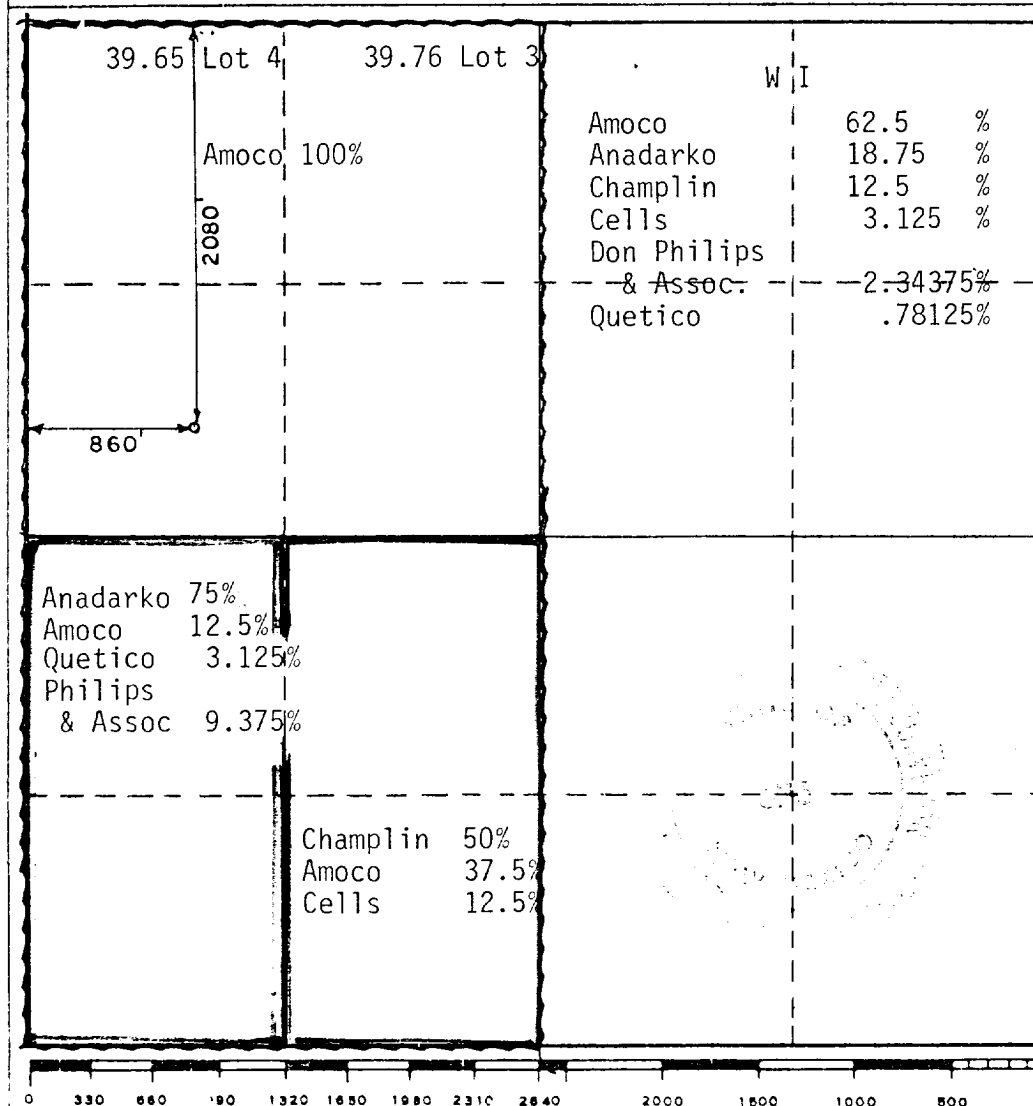
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- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, outline the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Force Pooling

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  
**Bob Davis**

Position  
**Admin. Analyst**

Company  
**Amoco Production Company**

Date  
**4-11-80**

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  
**4-1-1980**

Registered Professional Engineer and/or Land Surveyor

**John W. West**

Certificate No. **JOHN W. WEST 678**  
**PATRICK A. ROMERO 6663**  
**Ronald J. Eidson 3239**

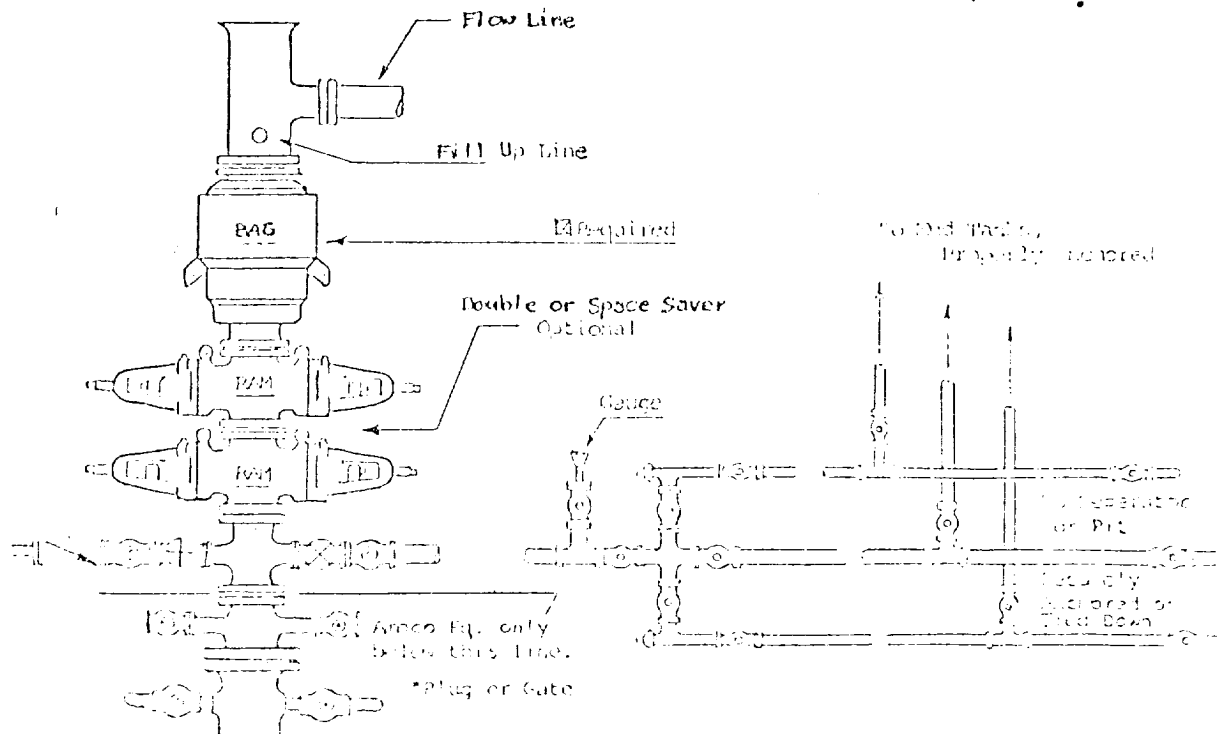
1. BOP'S TO BE FLUID OPERATED.
2. BOP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NIPPLE ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KELLY COCK IS REQUIRED AND SHALL BE 3000# W.P. MINIMUM.
6. T. I. W. OR COMPARABLE SAFETY VALVE SHALL BE AVAILABLE ON RIG FLOOR WITH CONNECTION OR SUBS TO FIT ANY TOOL JOINT IN THE STRING. VALVE TO BE FULL BORE 5000# MIN.
7. VALVE NEXT TO SPOOL SHALL BE 4". OTHER EQUIPMENT MAY BE 3" OR 4". ALL CHOKE MANIFOLD EQUIPMENT SHALL BE FLANGED. FLOW LINE FROM MANIFOLD TO BE MINIMUM OF 3" AND STRAIGHT AS POSSIBLE WITH MINIMUM BENDS.
8. FLUID LINES FROM ACCUMULATOR TO BOP'S AND ALL REMOTE CONTROL FLUID LINES SHALL BE STEEL, AND RATED AT OR ABOVE MAXIMUM ACCUMULATOR PRESSURE. LINES SHALL BE ROUTED IN BUNDLES AND ADEQUATELY PROTECTED FROM DAMAGE.
9. USE RAMS IN FOLLOWING POSITIONS:\*

	<u>DRILLING</u>	<u>RUNNING CASING</u>
UPPER RAM	DRILL PIPE	CASING
LOWER RAM	BLIND	BLIND

\*AMOCO AREA SUPT. MAY REVERSE LOCATION OF RAMS.

10. CHOKE MANIFOLD, BEYOND SECOND VALVE FROM CROSS MAY BE OPTIONALLY POSITIONED OUTSIDE OF SUBSTRUCTURE.
11. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND BRACED AT ALL TIMES.
12. TWO INCH (2") LINES AND VALVES ARE PERMITTED ON THE KILL LINE.

NOTE: ALL UNMARKED VALVES MAY BE PLUG OR GATE VALVE, METAL TO METAL SEAL.



3000# W.P.