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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-4883	
7. Unit Agreement Name	
8. Farm or Lease Name	
State HR	
9. Well No.	
2	
10. Field or Lease Name	
Airstrip Wolfcamp	
12. County	
Lea	
13. Proposed Depth	
10800'	
19A. Formation	
Wolfcamp	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RL, etc.)	
3954.9	
21A. Kind & Status Plug. Bond	
Blanket-on-File	
21B. Drilling Contractor	
NA	
22. Approx. Date Work will start	
3-1-80	

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

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
OTHER	
SINGLE ZONE <input checked="" type="checkbox"/>	
MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator	
Amoco Production Company	
3. Address of Operator	
P. O. Box 68 Hobbs, NM 88240	
4. Location of Well	
UNIT LETTER	A
LOCATED	330
FEET FROM THE	North
LINE	
AND	660
FEET FROM THE	East
LINE OF SEC.	36
TWP.	18-S
RGE.	34-E
NADEN	
15. County	
Lea	
13. Proposed Depth	
10800'	
19A. Formation	
Wolfcamp	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RL, etc.)	
3954.9	
21A. Kind & Status Plug. Bond	
Blanket-on-File	
21B. Drilling Contractor	
NA	
22. Approx. Date Work will start	
3-1-80	

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#	300'	Circ	Surf
12 1/4"	9 5/8"	40#	4000'	Circ	Surf
8 3/4"	*5 1/2" or 7"	17#, 20#, 23# or 20#, 23#, 26#	10800'	Tie back to 9 5/8"	BTM 9 5/8"

\*7" casing will be run to TD if evaluation of logs indicates dual Bone Springs-Wolfcamp commercial potential exists, otherwise 5 1/2" will be run to lowest potentially productive zone.

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

Mud program: 0-300' Native mud and fresh water  
300-4000' Native mud and brine water.  
4000-TD Commercial mud and brine with minimum properties for safe hole conditions

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 Bob Davis Title Assist. Admin. Analyst Date 2-13-80

(This Space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DE. RUL DATE FEB 18 1980

CONDITIONS OF APPROVAL, IF ANY:

044-NMOCD-H 1-Hou 1-Susp 1-BD 1-Mesa

Form C-102  
Supersedes C-128  
Effective 1-1-65

Operator <b>Amoco Production Co.</b>			Lease		State <b>HR</b>		Well No. <b>2</b>	
Unit Letter <b>A</b>	Section <b>36</b>	Township <b>18 South</b>	Range <b>34 East</b>	County <b>Lee</b>				
Actual Surface Location of Well: <b>330</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line								
Ground Level Elev. <b>2954.9</b>		Producing Formation <b>Wolfcamp</b>		Pool <b>Airstrip Wolfcamp</b>			Dedicated Acreage:  Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes    <input type="checkbox"/> No    If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>								
						<p align="center"><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p align="right"><i>Bob Davis</i></p>		
						<p>Name _____</p> <p>Position <b>Assist. Admin. Analyst</b></p>		
						<p>Company <b>Amoco Production Company</b></p>		
						<p>Date <b>2-13-80</b></p>		
						<p>Signature _____</p>		
						<p>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.</p>		
						<p>Signature _____</p>		
						<p>Date <b>2-25-1980</b></p>		
						<p>Registered Professional Engineer No. _____</p>		
						<p>Signature <i>John West</i></p>		
						<p>Certificate No. <b>JOHN W WEST 676</b> <b>PATRICK A ROMERO 6863</b> <b>Ronald J. Eldon 3239</b></p>		

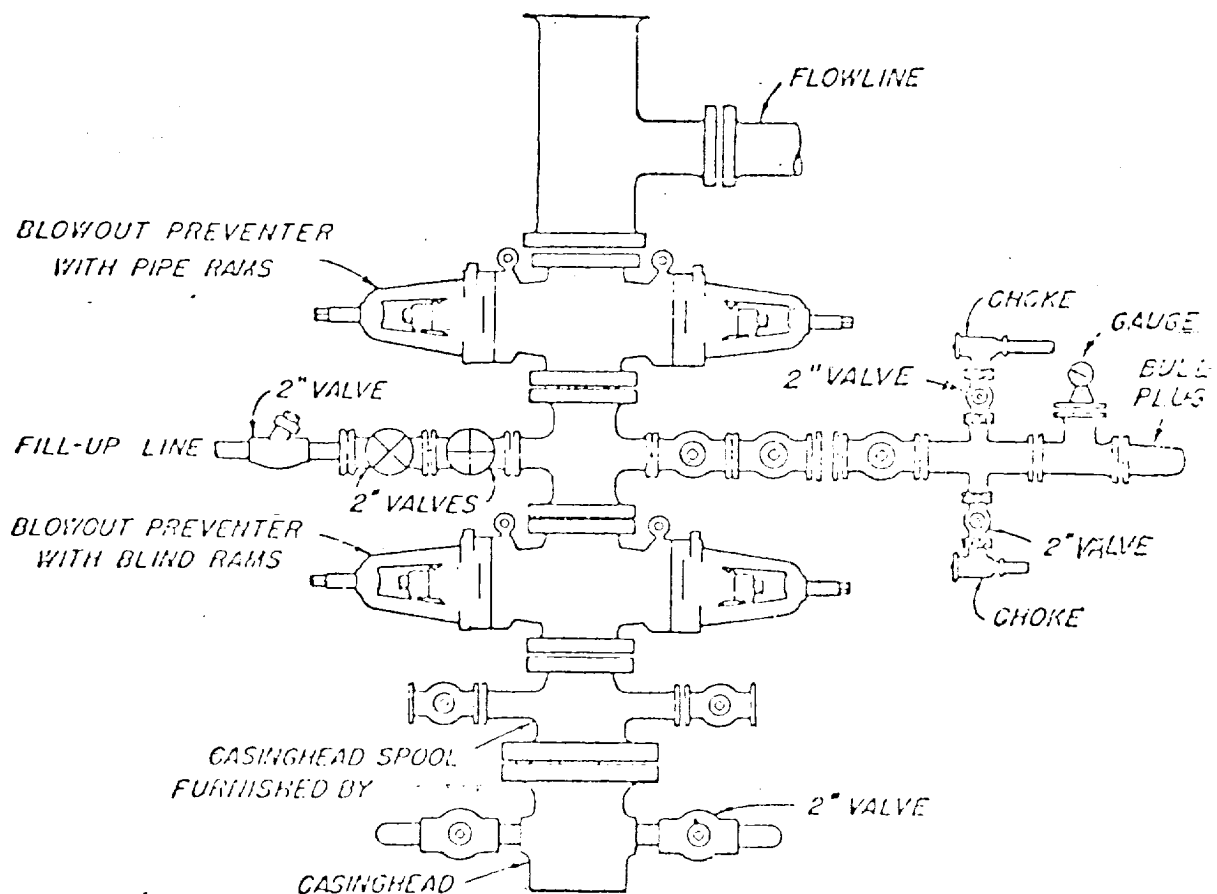
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1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that 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:	When running casing, use:
Top Preventer - Drill pipe rams	Top Preventer - Casing rams
Bottom Preventer - Blind rams or master valve	Bottom Preventer - Blind rams or master valve



## BLOWOUT PREVENTER HOOK-UP

AMOCO PRODUCTION COMPANY

## EXHIBIT D-1 MODIFIED

JUNE 1, 1962

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