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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-3674

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work	7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	8. Farm or Lease Name State HQ
2. Name of Operator Amoco Production Company	9. Well No. 3
3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240	10. Field and Pool, or Wildcat Airstrip Upper Bone Springs Airstrip Wolfcamp
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 26 TWP. 18-S RGE. 34-E	12. County Lea
19. Proposed Depth 10,900'	19A. Formation Upper Bone Springs, Wolfcamp
20. Rotary or C.T. Rotary	21. Elevations (Show whether UL, RT, etc.) 3980.0' GL
21A. Kind & Status Plug. Bond Blanket -on-file	21B. Drilling Contractor
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
17-1/2"	13-3/8"	48#	300'	Circulate	Surf.
12-1/4"	8-5/8"	28,24,28#	4000'	tie back to 13-3/8"	300'
7-7/8"	5-1/2"	17,15.5,17#	10900'	500' above Bone Springs	7349'

Propose to drill and equip well in the Upper Bone Springs and Wolfcamp zones. 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
300-4000' Brine water
4000-10900 Cut Brine - Min. Properties -use hole sweeps as necessary.

0+6-NMOCD,H 1-HOU 1-W. Stafford, HOU 1-CMH

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/2/83
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 FLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry Sexton Title Assist. Admin. Analyst Date 2-24-83

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MAR 2 1983

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**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

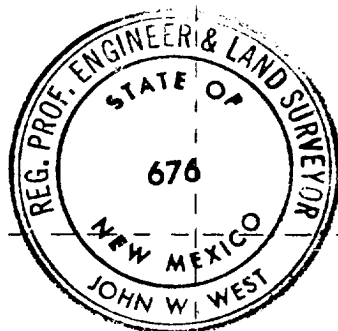
Operator AMOCO PRODUCTION COMPANY			Lease STATE "HQ"		Well No. 3
Unit Letter 0	Section 26	Township 18 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3980.0	Producing Formation Upper Bone Springs		Pool Airstrip Upper Bone Springs		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

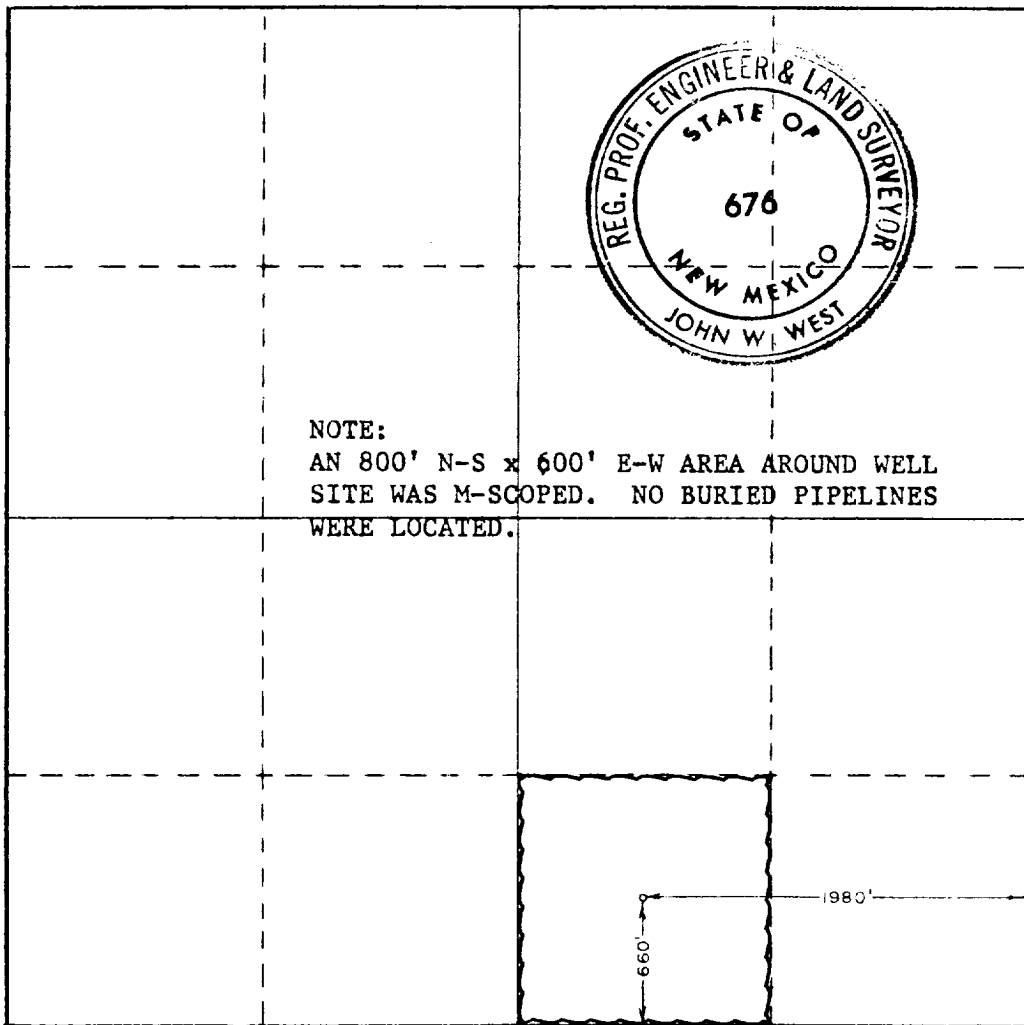
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.



NOTE:
AN 800' N-S x 600' E-W AREA AROUND WELL
SITE WAS M-SCOPED. NO BURIED PIPELINES
WERE LOCATED.



CERTIFICATION

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

Charles M. Lurring
Position
Assist. Admin. Analyst

Company
Amoco Production Company

Date
2-24-83

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
2/21/83

Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No.

JOHN W. WEST NO. 676

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
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All distances must be from the outer boundaries of the Section

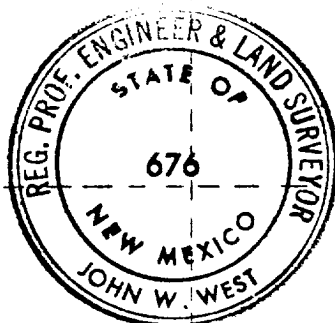
Operator AMOCO PRODUCTION COMPANY			Lease STATE "HQ"		Well No. 3
Unit Letter 0	Section 26	Township 18 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3980.0	Producing Formation Wolfcamp		Pool Airstrip Wolfcamp		Dedicated Acreage: 40 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?

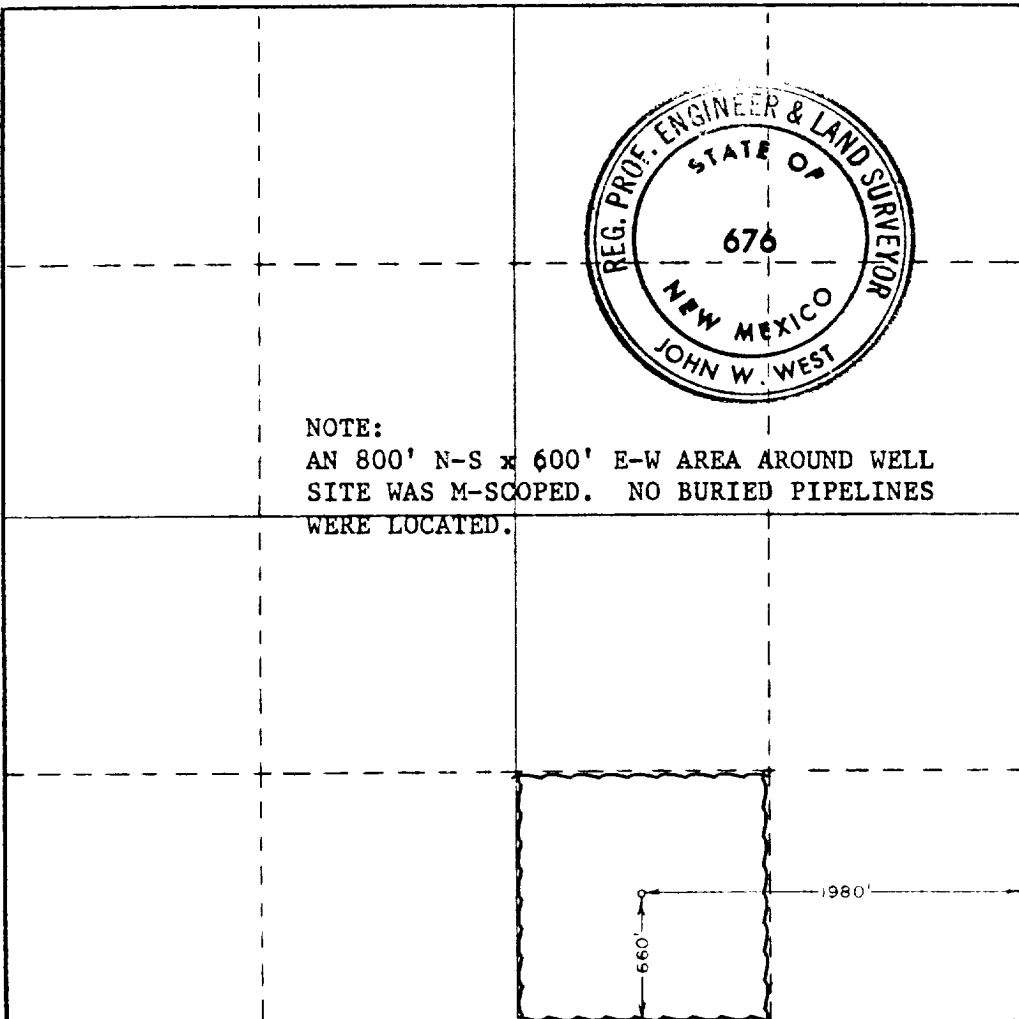
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NOTE:
AN 800' N-S x 600' E-W AREA AROUND WELL
SITE WAS M-SCOPED. NO BURIED PIPELINES
WERE LOCATED.



CERTIFICATION

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

Signature: *Charles M. Herring*
Position: **Assist. Admin. Analyst**

Company: **Amoco Production Company**

Date: **2-24-83**

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: **2/21/83**

Registered Professional Engineer and/or Land Surveyor

Signature: *John W. West*
Certificate No.

JOHN W. WEST NO. 676

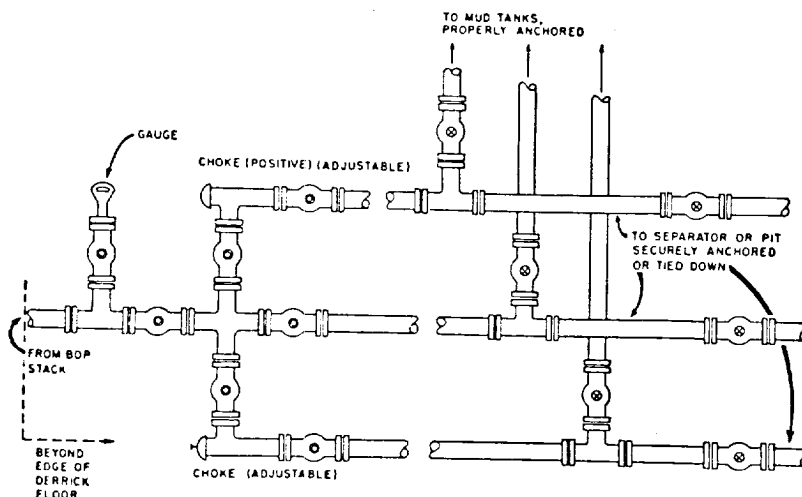
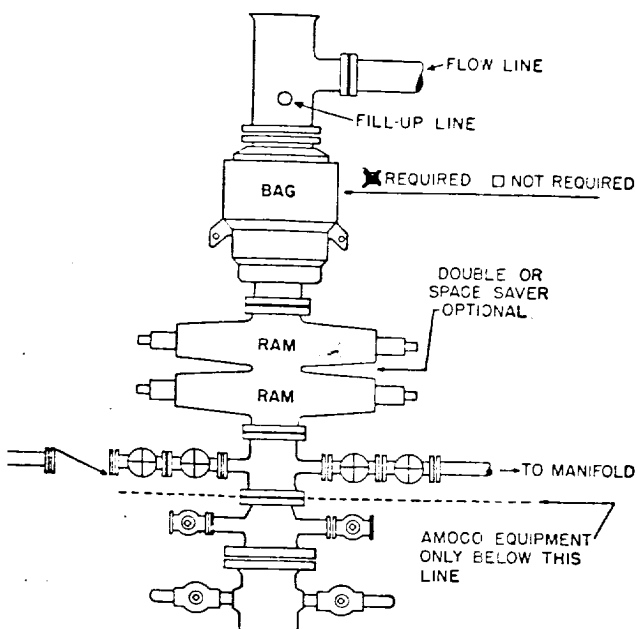
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JO* W.P. TWO-RAM BOP

1. BOP's to be fluid operated. BOP's and all fittings must be in good condition and rated at 3000 psi w.p. minimum.
2. Equipment through which bit must pass shall be at least as large as casing size being drilled through.
3. Upper Kelly cock is required and shall be 3000 psi w.p. minimum. Lower Kelly cock is (required)(not required).
4. Hydril 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 psi w.p. minimum.
5. Hydril or equivalent drill pipe back pressure valve is (required)(not required).
6. All equipment upstream of chokes, including kill line equipment shall be flanged or clamped and of a test pressure no less than that of the blowout preventer. All valves upstream of choke shall be (3") (4") gate valves Cameron Type "F" or equivalent. All equipment downstream of chokes may be flanged or screw end gate or plug. Line from spool to manifold cross to be a minimum of 3", straight and short as possible with minimum bends. Other lines may be 2", 3" or 4". Choke manifold, beyond second valve from cross, must be positioned outside of substructure. Manifold, header and all lines must be adequately supported and properly anchored. Two inch (2") lines and valves are permitted on the kill line. All valves designated for H₂S service are (required) (not required).
7. Blowout preventer closing unit equipment to include accumulator capable of closing, opening and closing the bag and pipe rams with a minimum remaining pressure of 1200 psi. After closure, the remaining fluid volume will be at least 50 percent of original volume. Two independent sources of pump power are required on each closing unit installation and shall meet all IADC specifications. Operating time for closing unit shall not be greater than one minute with charging pump shut down. Time test must be witnessed by Amoco representative while nipping up and test results reported on IADC report. Failure to meet these conditions will necessitate corrective action by contractor and retesting all at contractor's expense.
8. The accumulator must be located at least 50 feet from the well. Blowout preventer controls must be properly labeled and located as close to drillers position as feasible. Floor control valves are (required)(not required).
9. 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.
10. Use rams in following positions:

	<u>Drilling</u>	<u>Running Casing</u>
Upper ram	Drill pipe	Casing
Lower Ram	Blind	Blind

*Amoco District Superintendent may reverse location of rams.
11. Extensions and hand wheels to be installed and braced at all times.



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