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NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-037-20016

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 checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Blackburn Farms, Inc.	
2. Name of Operator Amoco Production Company		9. Well No. 1	
3. Address of Operator P. O. Drawer "A", Levelland, TX 79336		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1650</u> FEET FROM THE <u>East</u> LINE AND <u>825</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>10</u> TWP. <u>6 - N</u> RGE. <u>27 - E</u> RMPM		12. County Quay	
19. Proposed Depth 8200		19A. Formation Basement	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5049 GL	
21A. Kind & Status Plug. Bond Blanket on File		21B. Drilling Contractor Moran Brothers, Inc.	
22. Approx. Date Work will start 12-20-76			

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	
12-1/4	8-5/8	24#	2200	Circ	
7-7/8	5-1/2	15-17.5#	8200	Sufficient to fill 700' above uppermost pay zone.	

After drilling well, logs shall be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

BOP Program attached.

Mud Program - 0' - 400' - Native mud w/fresh water
400'-2900' - Native mud w/brine water
2900'-8200' - Low solids non-dispersed mud as required for suitable hole conditions.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED
EXPIRES 3/16/77

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 Ray W. Cox Title Administrative Assistant Date 12-14-76

4-NMOC-S.F. (This space for State Use)

1- Div.
1- SusP.
1- RC
APPROVED BY B. D. Hamm TITLE Chief Engineer DATE 12/16/76

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

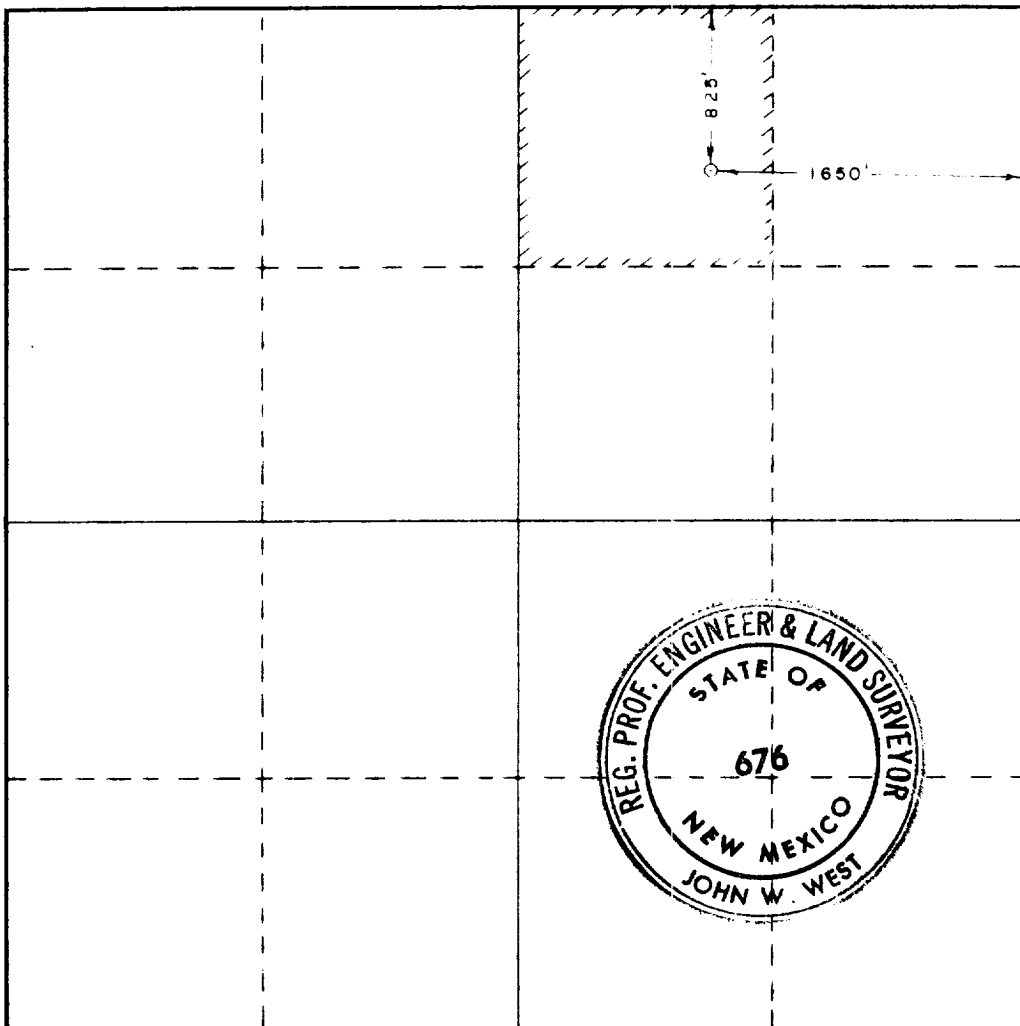
Operator AMOCO PRODUCTION COMPANY		Lease Blackburn Farms, Inc.		Well No. 1	
Unit Letter B	Section 10	Township 6 North	Range 27 East	County Quay	
Actual Footage Location of Well: 825 feet from the north line and 1650 feet from the east line					
Ground Level Elev. 5049.0	Producing Formation Pennsylvanian		Pool Wildcat		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.



CERTIFICATION

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

Name John W. West
Position Agent
Company Amoco Production Company
Date Dec. 14, 1976

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 Dec. 11, 1976
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

**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.

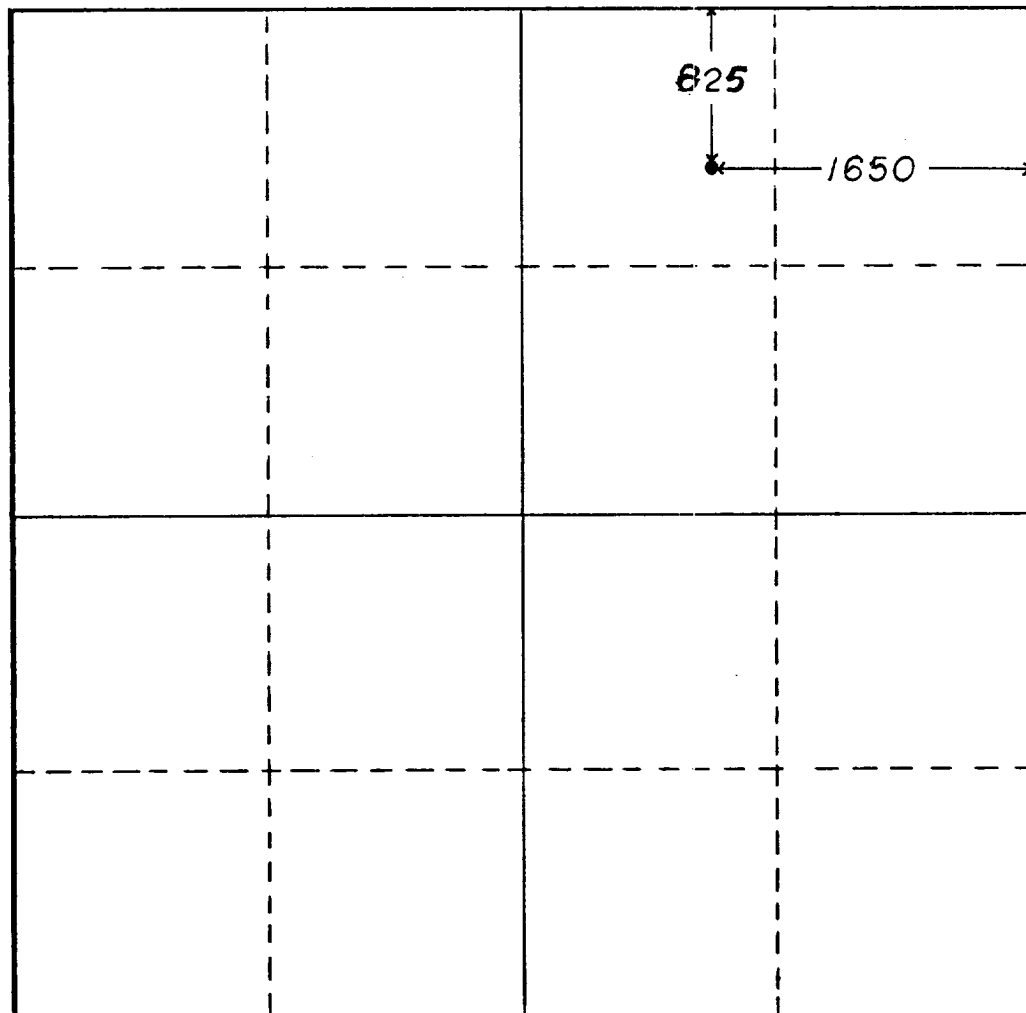
Operator Amoco Production Company			Lease Blackburn Farms, Inc.		Well No. 1
Unit Letter B	Section 10	Township 6-N	Range 27-E	County Quay	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 825 feet from the North line and 1650 feet from the East line </div>					
Ground Level Elev. 5049	Producing Formation Basement	Pool Wildcat		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?

☐ 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 *Ray W. Cox*
Position Administrative Assistant
Company Amoco Production Company

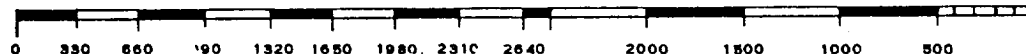
Date December 14, 1976

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 _____

Registered Professional Engineer
and/or Land Surveyor

Certificate No. _____



ATTACHMENT "B"
NOTES

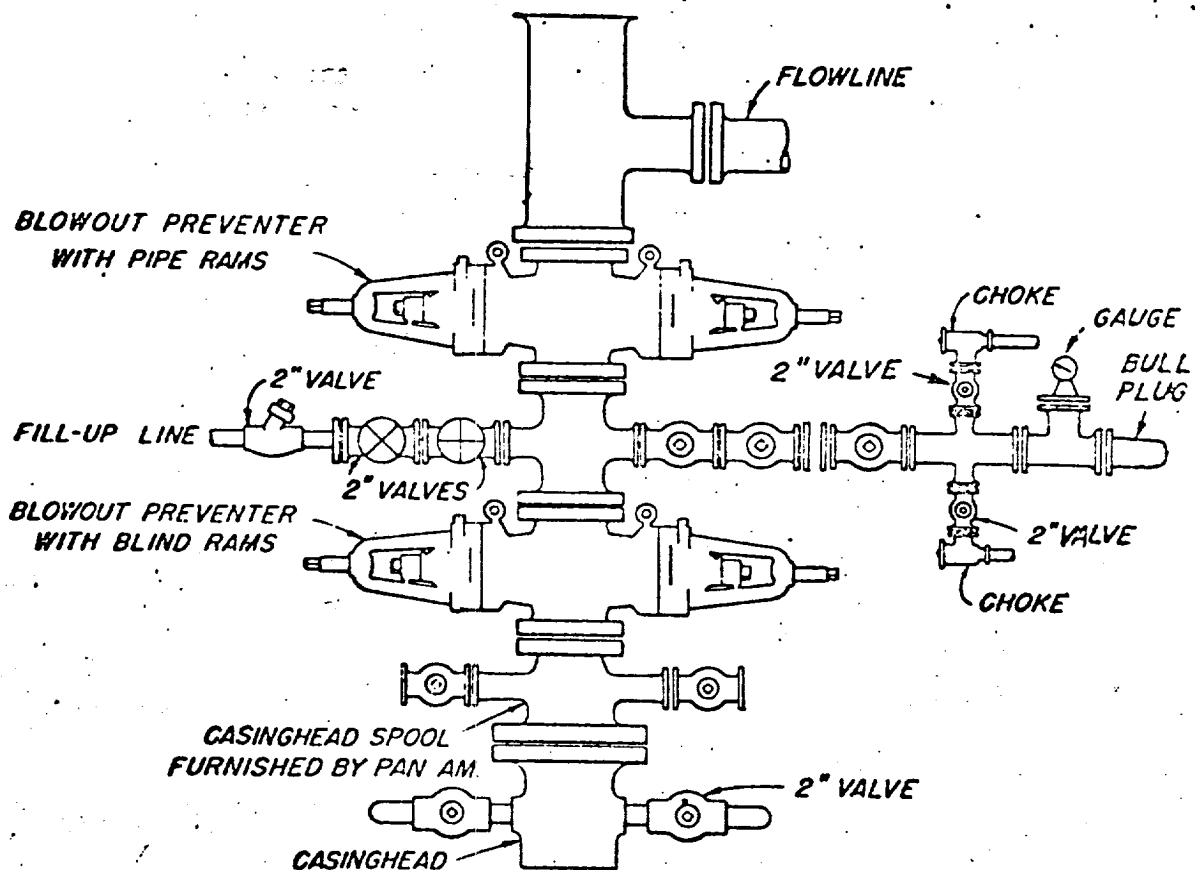
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer 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 6,000' 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 Pan American.
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.



BLOWOUT PREVENTER HOOK-UP
PAN AMERICAN PETROLEUM CORP.

EXHIBIT D-1 MODIFIED

JUNE 1, 1962