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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

Revised location

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Amoco Production Company

3. Address of Operator
P.O. Box 68, Hobbs, New Mexico 88240

4. Location of Well UNIT LETTER C LOCATED 330 FEET FROM THE North LINE
AND 1830 FEET FROM THE West LINE OF SEC. 12 TWP. 21-S RGE. 36-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
McQuatters

9. Well No.
6

10. Field and Pool, or Wildcat
Hardy Drinkard

12. County
Lea

19. Proposed Depth
6900'

19A. Formation
Drinkard

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3514.7' GL

21A. Kind & Status Plug. Bond
Blanket-on-file

21B. Drilling Contractor
NA

22. Approx. Date Work will start
8-15-81

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#	1300'	circulate	surf
12-1/4"	*9-5/8"	36#	5100	Tie back to 13-3/8"	surf
8-3/4"	7"	20,23,26#	4800'-6900'	circ. at 4800'	Btm. 9-5/8"

* 9-5/8" intermediate will be run only if lost circulation occurs above top of Glorieta Gas Zone. If no lost circulation is encountered above top of Glorieta, will reduce hole size to 8-3/4" and run 7" casing from surface to TD. Cement will tie back to 13-3/8" casing.

Propose to drill and equip well in the Drinkard formation. After reaching TD, logs will be run and evaluated. Stimulate and perforate as necessary in attempting commercial production.

Mud Program: 0-1300' Native mud and fresh water
1300'-TD Commercial mud and brine with minimum properties for safe hole conditions.

BOP program attached

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 Mark Randolph Title Asst. Administrative Analyst Date 7-13-81

(This space for State Use)

SUPERVISOR DISTRICT I

JUL 20 1981

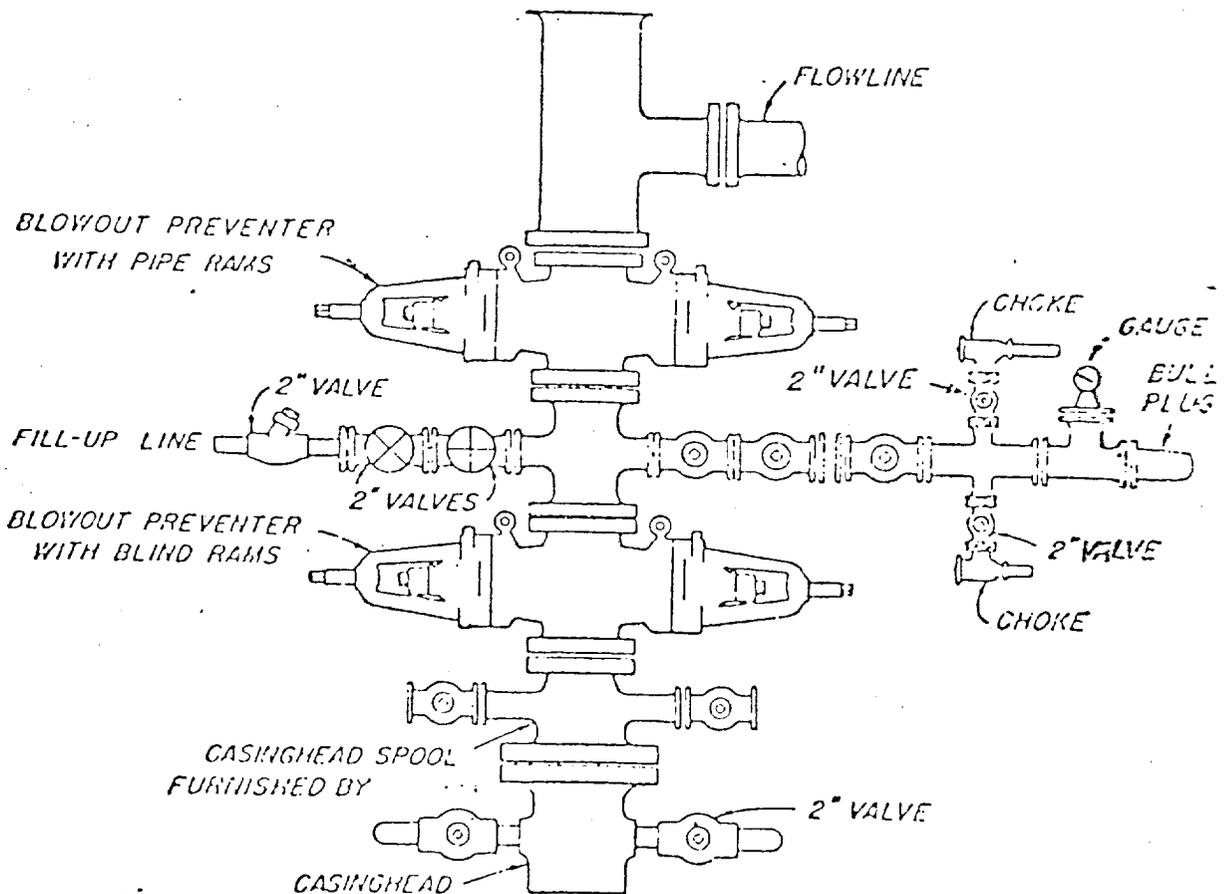
APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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. R 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	When running casing, use:	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

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.

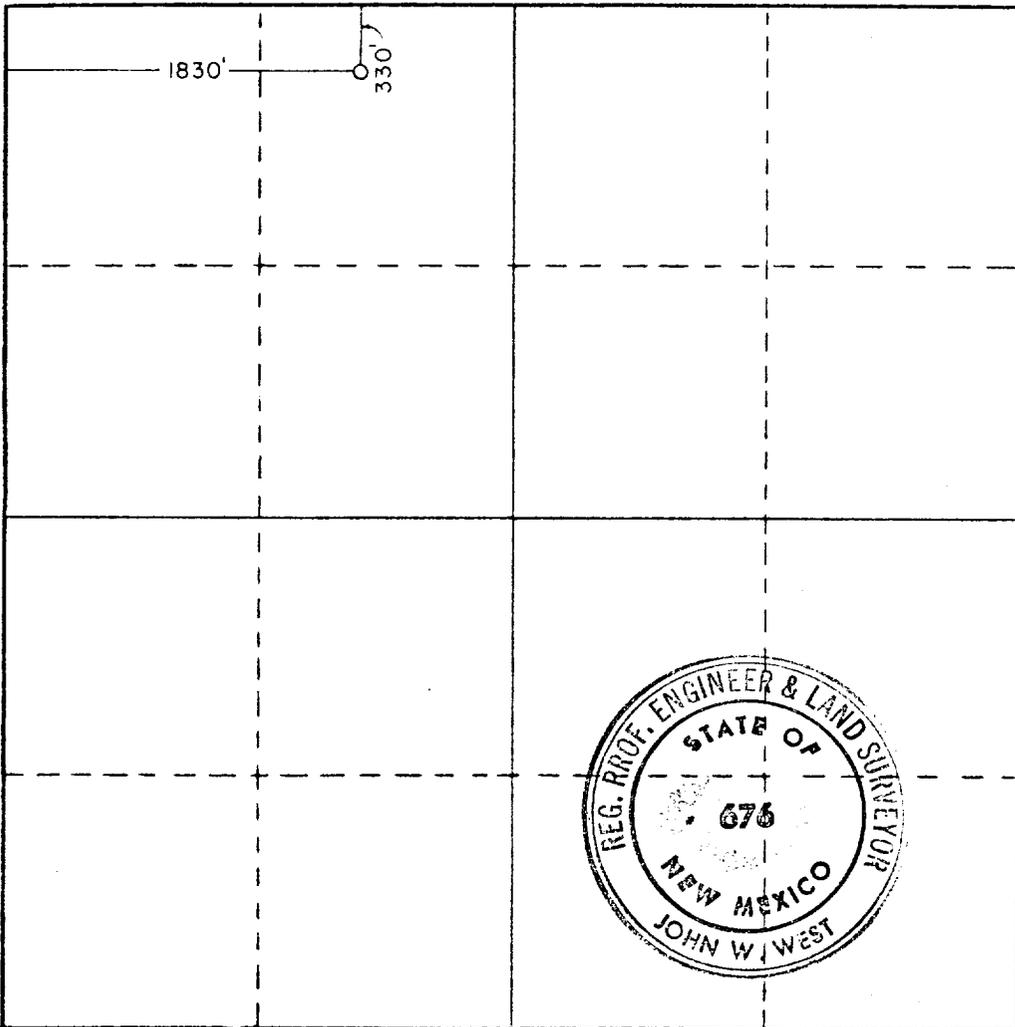
Operator Amoco Production Co.		Lease McQuatters			Well No. 6
Unit Letter C	Section 12	Township 21South	Range 36East	County Lea	
Actual Footage Location of Well: 330 feet from the North line and 1830 feet from the West line					
Ground Level Elev. 3511.8'	Producing Formation Drinkard	Pool Hardy Drinkard		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
Mark Randolph

Position
Asst. Admin. Analyst

Company
Amoco Production Company

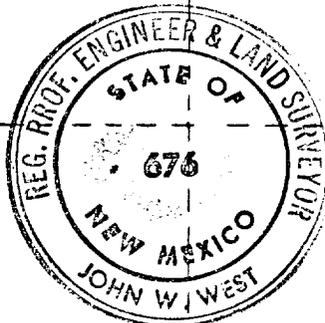
Date
7-13-81

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
Sept. 29, 1980

Registered Professional Engineer and/or Land Surveyor
John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239



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