

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 211

SANTA FE, NEW MEXICO 87501

RECEIVED

OIL CON. DIV.
DIST. 3

Form C-101
Revised 10-1-78

30-045-25742

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Firm or Lessee Name

Charles W. Maddox

9. Well No.

1

10. Field and Pool, or Wildcat

Armenta Gallup

12. County

San Juan

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Amoco Production Co.

3. Address of Operator

501 Airport Dr. Farmington, NM

4. Location of Well

UNIT LETTER 0 LOCATED 870 FEET FROM THE south LINE

AND 1910 FEET FROM THE east LINE OF SEC. 27 TWP. 29N RGE. 10W NMPM

13. Proposed Depth

5900'

19A. Formation

Gallup

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DT, RT, etc.)

5544' GL

21A. Kind & Status Plug. Bond

Statewide

21B. Drilling Contractor

unknown

22. Approx. Date Work will start

as soon as permitted

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	11 3/4"	H-40 42#	300'	51 sacks	surface
*10 5/8"	8 5/8"	H-40 24#	3450'	410 sacks	surface
7 7/8"	5 1/2"	K-55 15.5#	5900'	390 sacks	2000'

Amoco proposes to drill the above well to further develop the Armenta Gallup reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids non-dispersed mud system. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

The gas produced from this well is not dedicated.

APPROVAL EXPIRES December 9, 1983
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

*Intermediate casing is contingent upon whether high water flow is encountered.

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.

Original Signed By

Signed D.D. Lawson

Title District Engineer

Date 6-7-83

(This space for State Use)

SUPERVISOR DISTRICT #3

APPROVED BY Frank J. O'Leary

TITLE

DATE JUN 9 1983

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

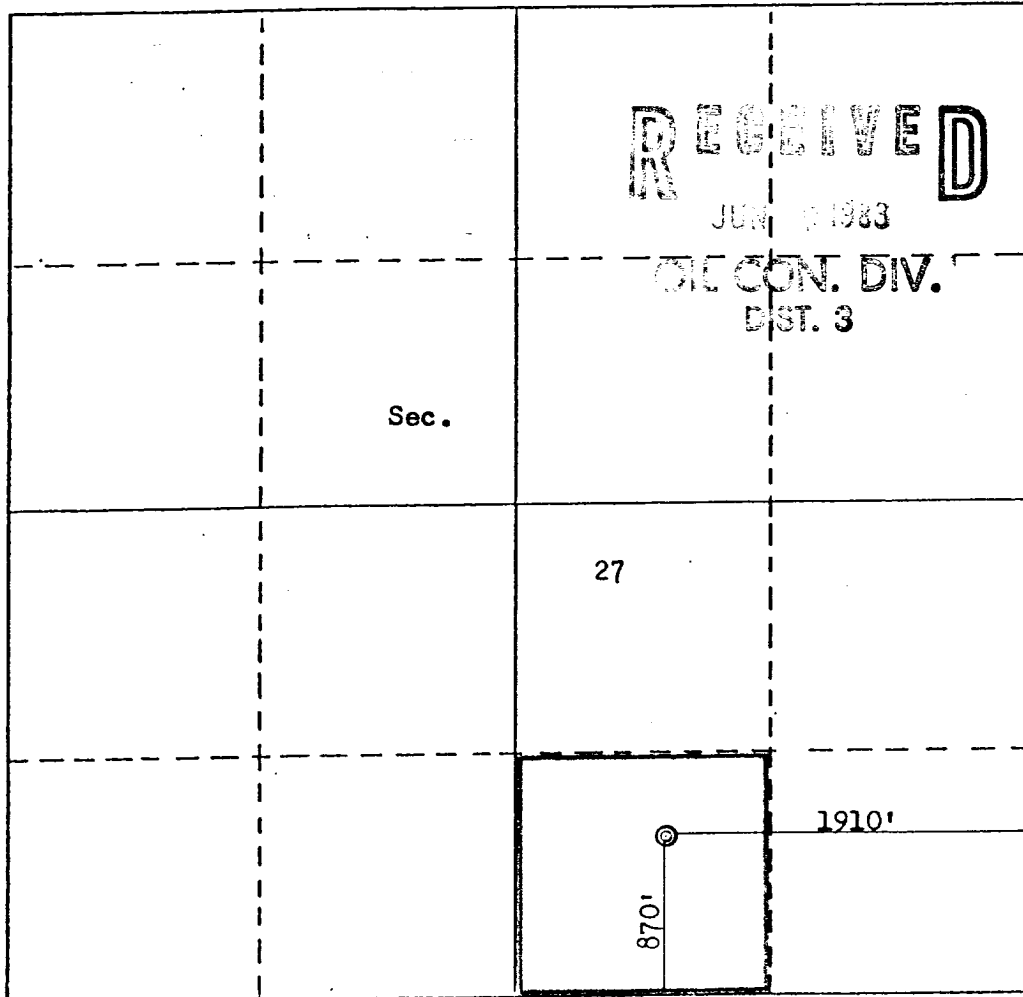
Operator AMOCO PRODUCTION COMPANY			Lease CHARLES W. MADDOX		Well No. 1
Unit Letter 0	Section 27	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 870 feet from the South line and 1910 feet from the East line					
Ground Level Elev. 5544	Producing Formation Gallup		Pool Armenta Gallup		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 Division.



CERTIFICATION

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

Dale H. Shoemaker
Name

Dale H. Shoemaker

Position

District Engineer

Company

Amoco Production Company

Date

June 8, 1983

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

June 8, 1983

Registered Professional Engineer and/or Land Surveyor

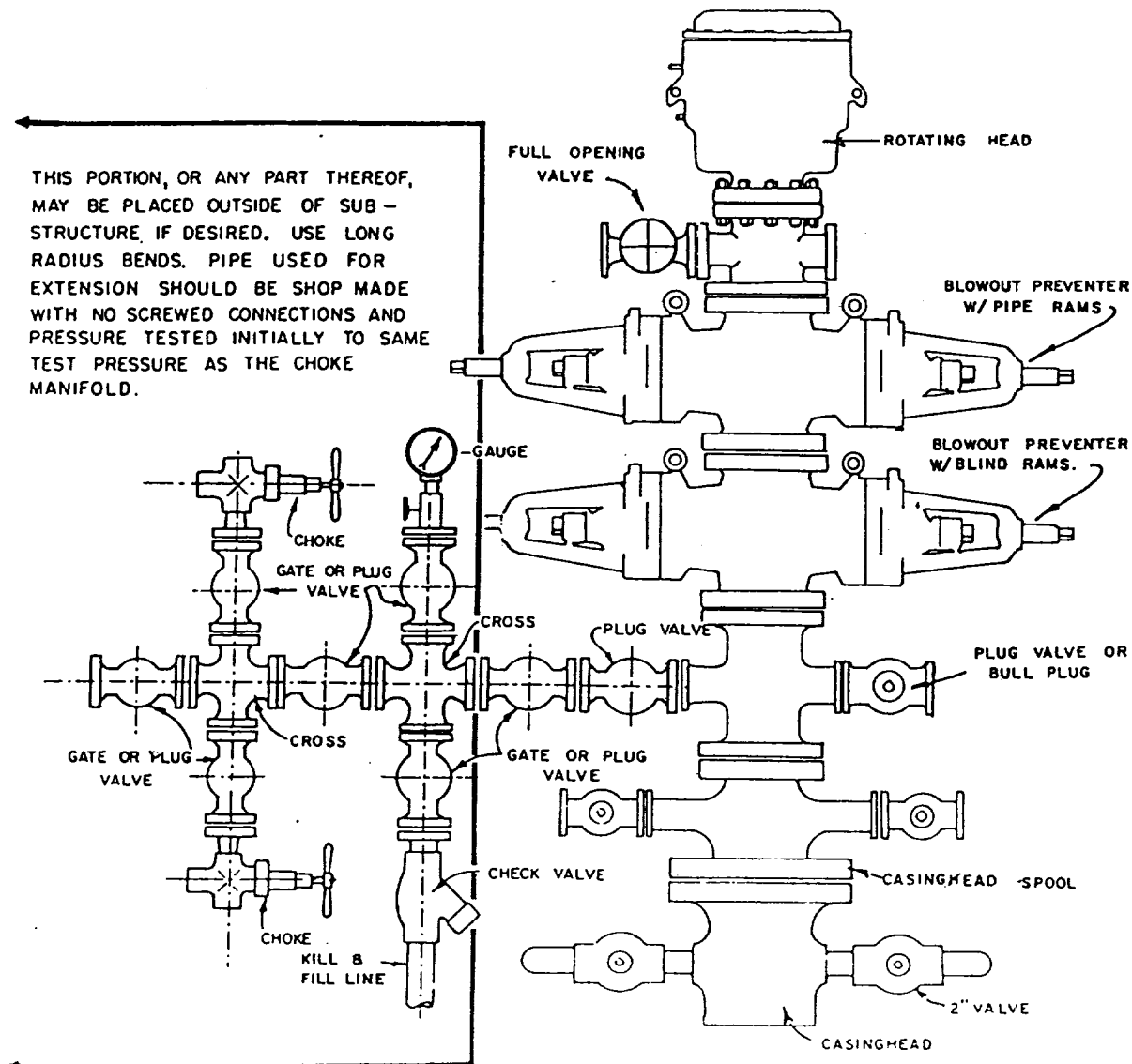
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
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 Blowout Preventer shall be same size or larger than BOP being drilled through.
4. All fittings to be flanged.
5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.