

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-25510

Form C-101  
Revised 10-1-78

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator		Amoco Production Company	
3. Address of Operator		501 Airport Drive, Farmington, New Mexico 87401	
4. Location of Well		UNIT LETTER <u>I</u> LOCATED <u>1850</u> FEET FROM THE <u>South</u> LINE AND <u>1080</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>29N</u> RGE. <u>10W</u> RANGE	
13. Proposed Depth		5850'	
13A. Formation		Charca/Gallup	
13B. Drilling Contractor		Unknown	
21. Elevation (Show whether D.P., K.T., etc.)		5678' GL	
21A. Kind & Status Plug. Bond		Statewide	
22. Approx. Date Work will start		as soon as permitted	

1A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
1B. State Oil & Gas Lease No.	
2. Unit Agreement Name	
2A. Form or Lease Name	State Gas Com BZ
3. Well No.	1
10. Field and Pool, or Wildcat	Bloomfield Armenta Charca / Gallup Ext
11. County	San Juan

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# H-40	300'	160	surface
12 1/4"	9 5/8"	36# K-55	3390'	1100	surface
8 1/2"	7" liner	23# K-55	5360'	390	3190'
6 1/4"	None	---	5900'	Non	---

Amoco proposes to drill the above well to develop the Armenta Gallup/Bloomfield Charca reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to 3390' with a low solids non-dispersed mud system and to TD with gas/mist. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout prevention design.

The gas from this well is not dedicated to a gas sales contract.

APPROVED  
FOR 6 MC  
DURING A PERIOD

EXPIRES 5-12-83

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 foregoing is true and complete to the best of my knowledge and belief.

Signed D. H. SHOEMAKER Title District Engineer Date 11-11-82

(This space for State Use)  
3rd  
APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

SUPERVISOR DISTRICT 3

NOV 12 1982

TITLE

DATE

## OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

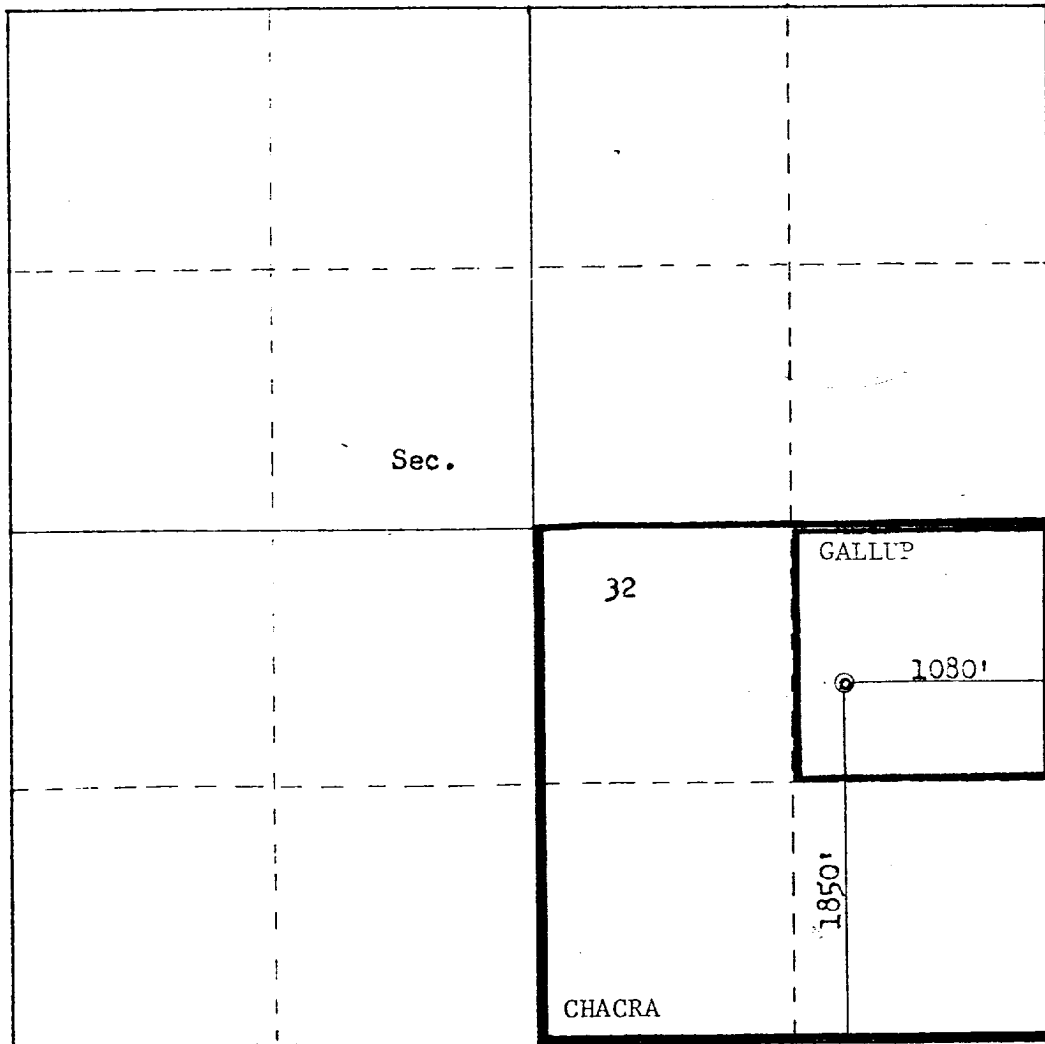
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>STATE GAS COM BZ</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>32</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1080</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5678</b>	Producing Formation <b>Chacra / Gallup</b>	Pool <b>Bloomfield Chacra/Armenta Gallup</b>	Dedicated Acreage: <b>160/40</b> 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 Communitization

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.



Scale: 1"=1000'

## CERTIFICATION

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

*D. H. Shoemaker*  
Name

D. H. SHOEMAKER

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

NOVEMBER 11, 1982

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

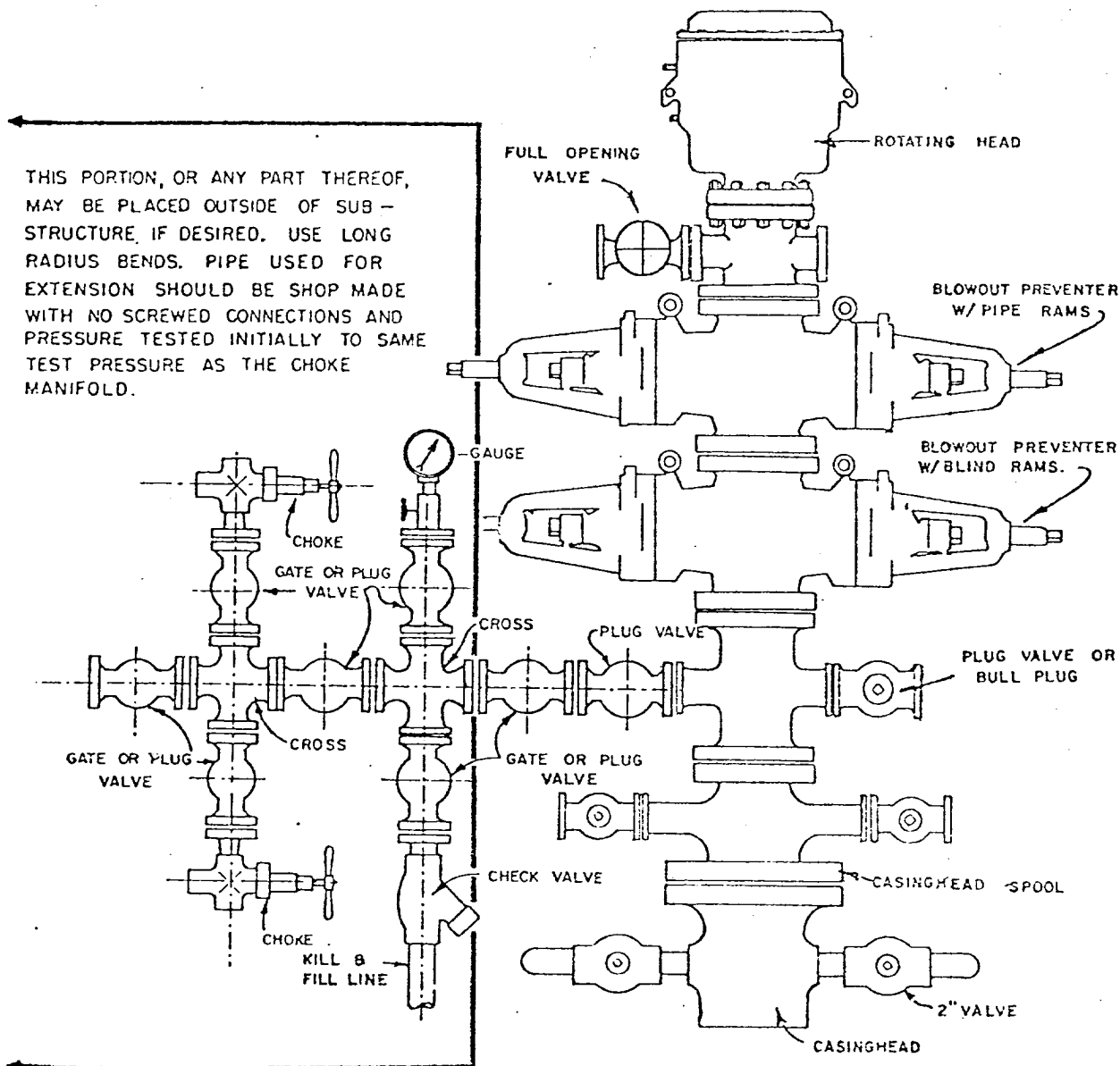
November 10, 1982

Registered Professional Engineer  
and Land Surveyor*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. 4222

3950

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.