

# OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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OPERATOR	

36-045-25521

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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"/>		7. Unit Agreement Name
2. Name of Operator Amoco Production Company		8. Firm or Lease Name Abrams "J"
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		9. Well No. 1
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1585</u> FEET FROM THE <u>south</u> LINE AND <u>1145</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>29</u> TWP. <u>29N</u> RGE. <u>10W</u> NMAPM		10. Field and Pool or Wildcat Bloomfield/Armenta Charca Ext./Gallup Ext. 160/40
21. Elevations (Show whether D.F., R.L., etc.) 5535' GL		12. County San Juan
21A. Kind & Status Plug. Bond Statewide	19. Proposed Depth 5811'	19A. Formation Chacra/Gallup
21B. Drilling Contractor Unknown	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start as soon as permitted		

## PROPOSED CASING AND CEMENT PROGRAM

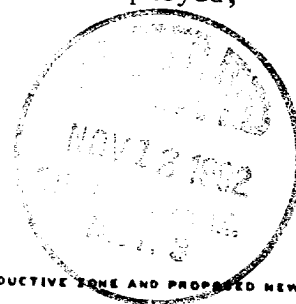
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48# H-40	300'	160	surface
12 1/4"	9 5/8"	36# K-55	3446'	1110	surface
8 1/2"	7" liner	23# K-55	5301'	370	3246'
6 1/4"	None	---	5900'	None	---

Amoco proposes to drill the above well to develop the Armenta Gallup/Bloomfield Chacra reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to 3446' 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.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES May 12/1983



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

(This space for State Use)  
APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE NOV 12 1982

CONDITIONS OF APPROVAL, IF ANY: Hold C104 for NSL Gallup

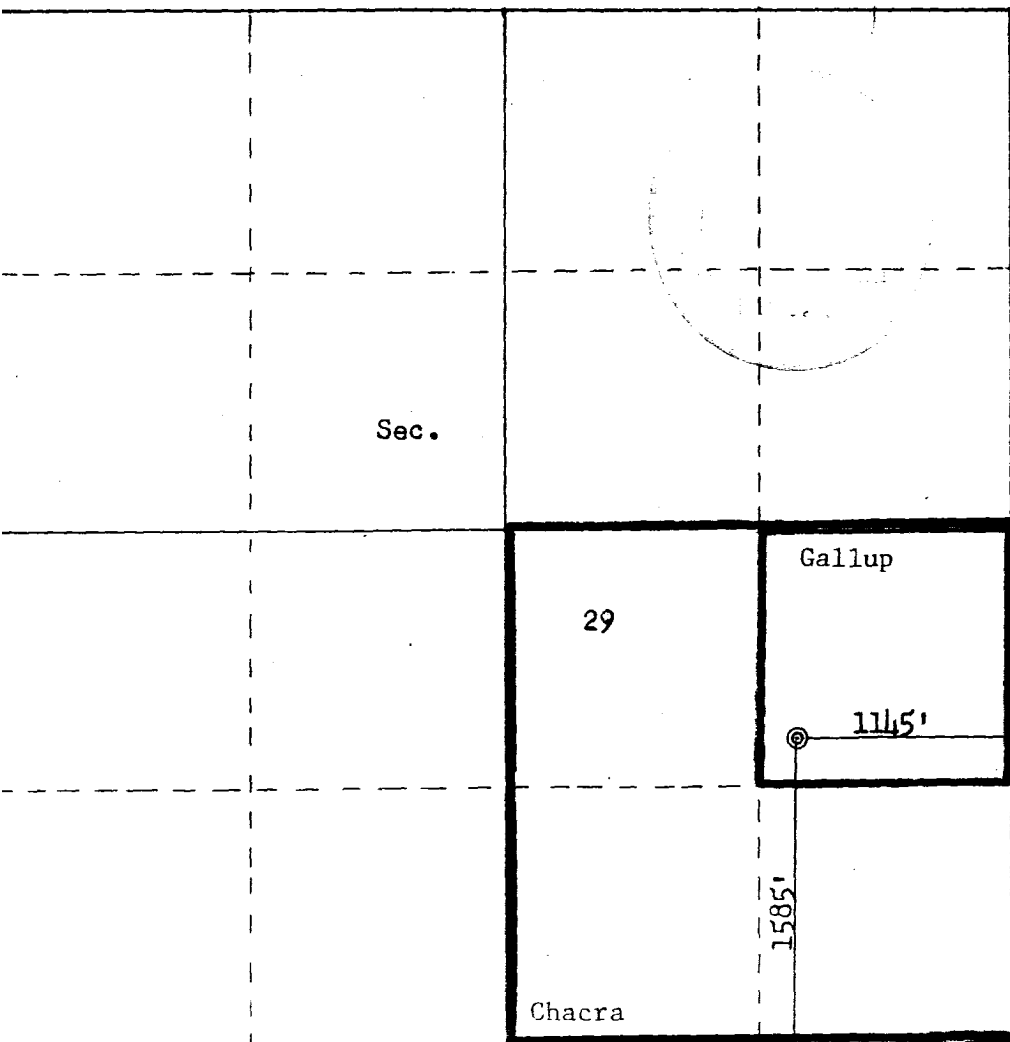
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <del>ABRAMS GAS COM "I"</del> <b>ABRAMS "J"</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>29</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1585</b> feet from the <b>South</b> line and <b>1145</b> feet from the <b>East</b> line				
Ground Level Elev: <b>5535</b>	Producing Formation <b>Chacra / Gallup</b>	Pool <b>Bloomfield</b>	Ext. <b>Chacra/Armenta</b>	Dedicated Acreage: <b>160/40</b> 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 Abrams Gas Com "I" No. 1 -- Communitization  
Abrams "J" No. 1 -- NO -- Gallup

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 12, 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.

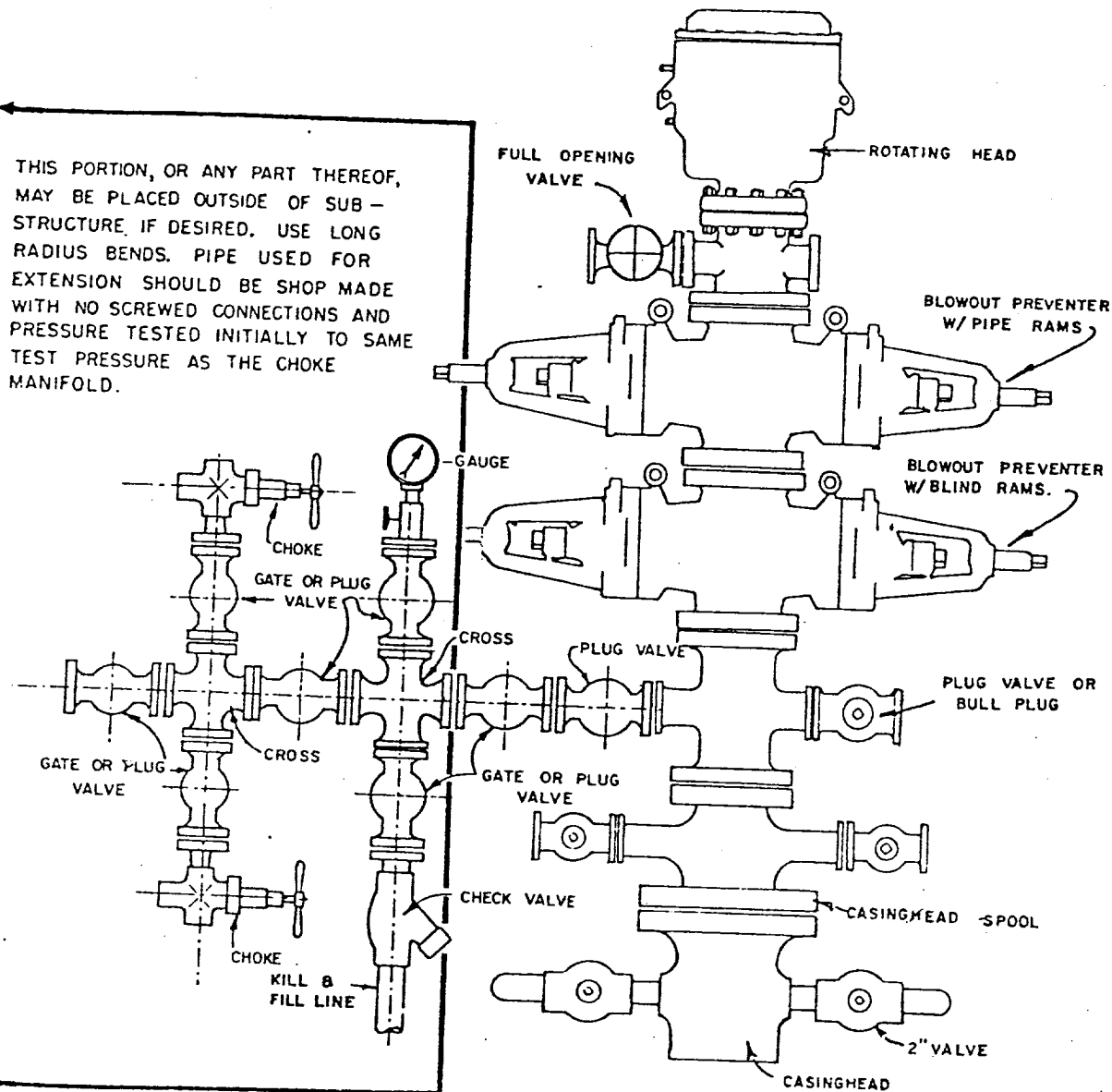
Date Surveyed  
**November 11, 1982**

Registered Professional Engineer  
and Land Surveyor

*Fred E. Kerr Jr.*  
**Fred E. Kerr Jr.**

Certification No.

1. B. 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.