

EXEMPTION FROM THE NATURAL GAS PRICING ACT  
PURSUANT TO SECTION 62-7-5, NMSA 1978, AND  
DIVISION ORDER NO. R-5436

OPERATOR Amoco Production Company WELL NAME AND NO. Gallegos Canyon Unit #110E

LOCATION: UNIT I SEC. 19 TWP. 29 North RGE. 12 West COUNTY San Juan

THE DIRECTOR OF THE DIVISION FINDS:

(1) That Section 5 of the Natural Gas Pricing Act (being Secs. 62-7-1 to 62-7-10, NMSA 1978) provides that the Natural Gas Pricing Act shall not apply to the production and sale of natural gas in intrastate commerce from a well the drilling of or first intrastate sale of which commenced on or after January 1, 1975, provided however, that the Act shall apply to such a well if it is drilled within an established proration unit which was producing or capable of producing natural gas prior to January 1, 1975, from the same reservoir unless the Oil Conservation Division exempts such well upon a finding that such new well was justified for reasons other than avoiding the application of the Natural Gas Pricing Act.

(2) That by Order No. R-5436, dated June 8, 1977, the Division established an administrative procedure whereby the Director of the Division is empowered to act for the Division and exempt gas wells from the provisions of Section 5 of the Natural Gas Pricing Act provided said wells were drilled on or after January 1, 1975, within established proration units which were producing or capable of producing natural gas from the same reservoir prior to January 1, 1975.

(3) That to qualify for such exemption, under said Order No. R-5436, a gas well must be classified either as a replacement well or as an infill well.

(4) That pursuant to Order No. R-5436, the Director of the Division may find that a replacement well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:

- (a) The well was necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage; or that
- (b) the well was necessary to replace a well producing at non-commercial rates; or that
- (c) the drilling of the well commenced prior to January 18, 1977.

(5) That pursuant to Order No. R-5436, the Director of the Division may find that an infill well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:

- (a) the well was drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in such pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool; or that
- (b) the well is necessary to protect the proration unit from uncompensated drainage or to protect correlative rights; or that
- (c) the drilling of the well commenced prior to January 18, 1977.

(6) That the applicant herein Amoco Production Company has requested exemption from the provisions of the Natural Gas Pricing Act pursuant to Section 62-7-5, NMSA 1978, and Division Order No. R-5436 for the above-named well.

(7) That all the requirements of said Order No. R-5436 have been complied with, and that said well is justified for exemption from the provisions of the Natural Gas Pricing Act inasmuch as said well was not drilled for the purpose of avoiding the application of said act, but was in fact:

( ) A Replacement Well

- ( ) necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage.
- ( ) necessary to replace a well producing at non-commercial rates.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

(x) An Infill Well

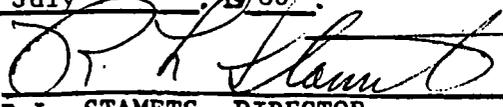
- (x) drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in the pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool, said pool being the Basin Dakota Gas Pool and the order being Division Order No. R-1670 V.
- ( ) necessary to protect the proration unit from uncompensated drainage or to protect correlative rights.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

IT IS THEREFORE ORDERED:

(1) That the above-named well is hereby exempted from Section 5 of the Natural Gas Pricing Act (Secs. 62-7-1 to 62-7-10, NMSA 1978). Retroactive to the date of first sale.

(2) That jurisdiction of this cause is hereby retained, and that this exemption is subject to rescission upon failure to comply with the provisions of Rule 6(d) or Rule 7(c) of Division Order No. R-5436 or for other good cause shown.

DONE at Santa Fe, New Mexico on this 23 day of July, 1986.

  
R.L. STAMETS, DIRECTOR

EXEMPTION FROM THE NATURAL GAS PRICING ACT  
PURSUANT TO SECTION 62-7-5, NMSA 1978, AND  
DIVISION ORDER NO. R-5436

OPERATOR Amoco Production Co WELL NAME AND NO. Gr. Hedges Canyon Unit 110 E  
LOCATION: UNIT I SEC. 19 TWP. 29 N RANG. 12 W COUNTY San Juan

THE DIRECTOR OF THE DIVISION FINDS:

- (1) That Section 5 of the Natural Gas Pricing Act (being Secs. 62-7-1 to 62-7-10, NMSA 1978) provides that the Natural Gas Pricing Act shall not apply to the production and sale of natural gas in intrastate commerce from a well the drilling of or first intrastate sale of which commenced on or after January 1, 1975, provided however, that the Act shall apply to such a well if it is drilled within an established proration unit which was producing or capable of producing natural gas prior to January 1, 1975, from the same reservoir unless the Oil Conservation Division exempts such well upon a finding that such new well was justified for reasons other than avoiding the application to the Natural Gas Pricing Act.
- (2) That by Order No. R-5436, dated June 8, 1977, the Division established an administrative procedure whereby the Director of the Division is empowered to act for the Division and exempt gas wells from the provisions of Section 5 of the Natural Gas Pricing Act provided said wells were drilled on or after January 1, 1975, within established proration units which were producing or capable of producing natural gas from the same reservoir prior to January 1, 1975.
- (3) That to qualify for such exemption, under said Order No. R-5436, a gas well must be classified either as a replacement well or as an infill well.
- (4) That pursuant to Order No. R-5436, the Director of the Division may find that a replacement well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:
- The well was necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage; or that
  - the well was necessary to replace a well producing at non-commercial rates; or that
  - the drilling of the well commenced prior to January 18, 1977.
- (5) That pursuant to Order No. R-5436, the Director of the Division may find that an infill well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:
- the well was drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in such pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool; or that
  - the well is necessary to protect the proration unit from uncompensated drainage or to protect correlative rights; or that
  - the drilling of the well commenced prior to January 18, 1977.
- (6) That the applicant herein Amoco Prod. Co has requested exemption from the provisions of the Natural Gas Pricing Act pursuant to Section 62-7-5, NMSA 1978, and Division Order No. R-5436 for the above-named well.
- (7) That all the requirements of said Order No. R-5436 have been complied with, and that said well is justified for exemption from the provisions of the Natural Gas Pricing Act inasmuch as said well was not drilled for the purpose of avoiding the application of said act, but was in fact:

( ) A Replacement Well

- ( ) necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage.
- ( ) necessary to replace a well producing at non-commercial rates.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

An Infill Well

- drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in the pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool, said pool being the Basin Dakota Gas Pool and the order being Division Order No. R-1670-U.
- ( ) necessary to protect the proration unit from uncompensated drainage or to protect correlative rights.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

IT IS THEREFORE ORDERED:

- (1) That the above-named well is hereby exempted from Section 5 of the Natural Gas Pricing Act (Secs. 62-7-1 to 62-7-10, NMSA 1978). retroactive to the date of first sale
- (2) That jurisdiction of this cause is hereby retained, and that this exemption is subject to rescission upon failure to comply with the provisions of Rule 6(d) or Rule 7(c) of Division Order No. R-5436 or for other good cause shown.

DONE at Santa Fe, New Mexico on this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

AMOCO PRODUCTION COMPANY'S )  
APPLICATION TO HAVE THE )  
FOLLOWING WELL EXEMPTED )  
FROM THE NEW MEXICO NATURAL )  
GAS PRICING ACT: WELL )  
NAME: Gallegos Canyon Unit #110E )  
(THE EXEMPTION SOUGHT IS: )  
 PROSPECTIVE )  
 RETROACTIVE )

Docket No. \_\_\_\_\_

FEB 29 1984

RECEIVED

APPLICATION FOR EXEMPTION

I. Introduction

In this application, Amoco Production Company ("Amoco") is requesting that the captioned well be exempted from the New Mexico Natural Gas Pricing Act ("the Act"), Sections 62-7-1 to 62-7-10, NMSA 1978. The application is made pursuant to Section 62-7-5 of that Act, and to the Oil Conservation Commission's Order No. R-5436.

II. Facts

1. Amoco is the operator of the captioned well.
2. The captioned well is an infill well, being the second well to be drilled on a proration unit comprising the E/2 of Section 19, Township 29N, Range 12W, in San Juan County, New Mexico. That proration unit and the location of the captioned well thereon is shown on the Form C-102 Plat attached hereto as Exhibit "A," submitted pursuant to Rule 5 of Order R-5436.
3. The first well to be drilled on the proration unit described in Paragraph 2 was the Gallegos Canyon Unit #110 well (the "First Well"); that well was producing or capable of producing natural gas prior to January 1, 1975.
4. The drilling of the captioned well was commenced on 1-12-80; that well is completed for production in the Basin Dakota Pool, as is indicated by the completion report attached hereto as Exhibit "B."

5. Pursuant to Rule 7(a) of Order R-5436, Amoco states that the drilling of the captioned well as an infill well in the Pool named in Paragraph 4 was permitted by Order No. R-1670-V of the Oil Conservation Commission (or of the Division). That infill order contains findings of the sort called for by Rule 7(a).

### III. Certification

Pursuant to Rule 7(c) of Order R-5436 the undersigned, speaking on behalf of Amoco, certifies that the ability of the First Well to produce into the pipeline has not been and will not be restricted by Amoco in any manner for the purpose of avoiding the application of the Act to sales of natural gas from that well.

### IV. Request

Amoco requests the Division to enter an order (i) finding that the captioned well was justified for reasons other than avoiding the application of the Act and (ii) exempting that well from the Act. Amoco further requests that the exemption have effect prospectively or retroactively, as is indicated immediately below:

- prospectively, from the date this application is received by the Division;
- retroactively, from the date of first production of natural gas from the captioned well up to and including the day before the date this application is received by the Division.

### V. Conclusion

By its submission of this application Amoco in no way surrenders its right to argue (i) that promulgation of the infill order cited above in Paragraph II.5 was sufficient, under Section 62-7-5 of the Act, to exempt the captioned well from the Act; or (ii) that the Division's determination that the captioned well qualifies as a New Onshore Production Well under Section 103 of the Natural Gas Policy Act of 1978 (if, in fact, such a determination has been made) was sufficient,

under Section 62-7-5 of the Act, to exempt that well from the Act; or (iii) that Order R-5436 is unenforceable.

Respectfully submitted,  
AMOCO PRODUCTION COMPANY

BY A. P. Payne

Typed name A. P. Payne

Title Regional Gas Sales Manager

Date: 2/21/84

CERTIFICATE OF MAILING

I certify that on the 29<sup>th</sup> day February, 1984 a copy of the foregoing Application for Exemption was mailed to the following persons at the indicated addresses:

District Office  
Oil Conservation Division

Purchaser: Amoco Gas Company  
P. O. Box 3092  
Houston, TX 77253

Working Interest Owners: See Attached Sheet

Signature: Stephen D. Ring

Typed name: Stephen D. Ring

Capacity: Attorney  
(Acting for Amoco Production  
Company)

SDR/mgb  
011084  
DATA863

WORKING INTEREST OWNERS

Union Texas Petroleum Company  
P. O. Box 2120  
Houston, TX 77252  
Attn: James Ulbricht  
Natural Gas Operations

Klinger, Maryan  
242 E. Downs  
Stockton, CA 95204

American Petrofina Co. of Texas  
Attn: Manager of Outside Operations  
P. O. Box 2159  
Dallas, TX 75221

Lear Petroleum Company  
950 One Energy Square  
4925 Greenville Ave.  
Dallas, TX 75206

Mesa Petroleum Company  
1660 Lincoln Street  
Denver, Co 80203

Texaco, Inc.  
P. O. Box 2100  
Denver, CO 80201  
Attn: Karen Boesel

Wood Oil Company  
320 South Boston, Suite 850  
Tulsa, OK 74103

Kalvestrand, Patricia  
115 Conifer Lane  
Walnut Creek, CA 94598

Hodges, L. B.  
P. O. Box 489  
Roswell, NM 88201

Pegg, A. C.  
P. O. Box 66067  
Chicago, IL 60666

Huve, Nichole, Trust  
The First National Bank Trustee  
Trust Department  
P. O. Box 1331  
Amarillo, TX 79180

Arco Oil and Gas Company  
P. O. Box 2819  
Dallas, TX 75221  
Attn: James W. Ciarroccki--22-094DAB

Southland Royalty Company  
1000 Ft. Worth Club Tower  
Fort Worth, TX 76102  
Attn: Janet Wilkinson

Sun Exploration and Production Company  
ATTN: Regulations/Marketing  
P. O. Box 2880  
Dallas, TX 75221-2880

Getty Oil Company  
P. O. Box 1404  
Houston, TX 77001  
Attn: Natural Gas Sales and Purchasing

Featherstone Farms, LTD  
A LTD Partnership  
1717 West Second Street  
Roswell, NM 88201

Texon Energy Corp.  
A/W A. W. Dugan  
1212 Main St., Suite 1400  
Houston, TX 77002

National Drilling Co., Inc.  
4810 North Kenneth, Ave.  
Chicago, IL 60630

Rydin, E. I.  
P. O. Box 66067  
Chicago, IL 60666

PURCHASER FROM A WORKING INTEREST OTHER THAN AMOCO:

Northwest Pipeline Corp.  
P. O. Box 1526  
Salt Lake City, UT 84110

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

SF080723

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

110E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NE/4 SE/4

Sec 19, T29N, R12W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY WELL  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1970 FSL x 640 FEL Sec 19, T29N, R12W

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 1-12-80 16. DATE T.D. REACHED 1-20-80 17. DATE COMPL. (Ready to prod.) 3-15-80 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)\* 5402 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6092 21. PLUG, BACK T.D., MD & TVD 6058 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
→ 10 → TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5924'-5949', 5848'-5858'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
compensated neutron, gamma ray, induction electrical

27. WAS WELL CORED  
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0#	310'	12-1/4"	315 sx	----
4-1/2"	11.6#	6093'	7-7/8"	1285 sx	----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5953	

31. PERFORATION RECORD (Interval, size and number)  
5924'-5949', 5848'-5858', with 2spf, a total of 70, .38" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5848'-5949'	106,000 gal of frac fluid x 212,000# of sand

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-3-80	3 hrs	.75	→		66		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
34 psig	367 psig	→		529		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
To be sold

TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED \_\_\_\_\_ TITLE Dist. Adm. Supvr. DATE 8-8-80

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	1295'		
Mesaverde	2285'		
Dakota	5915'		
TD	6165'		

## 38.

## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

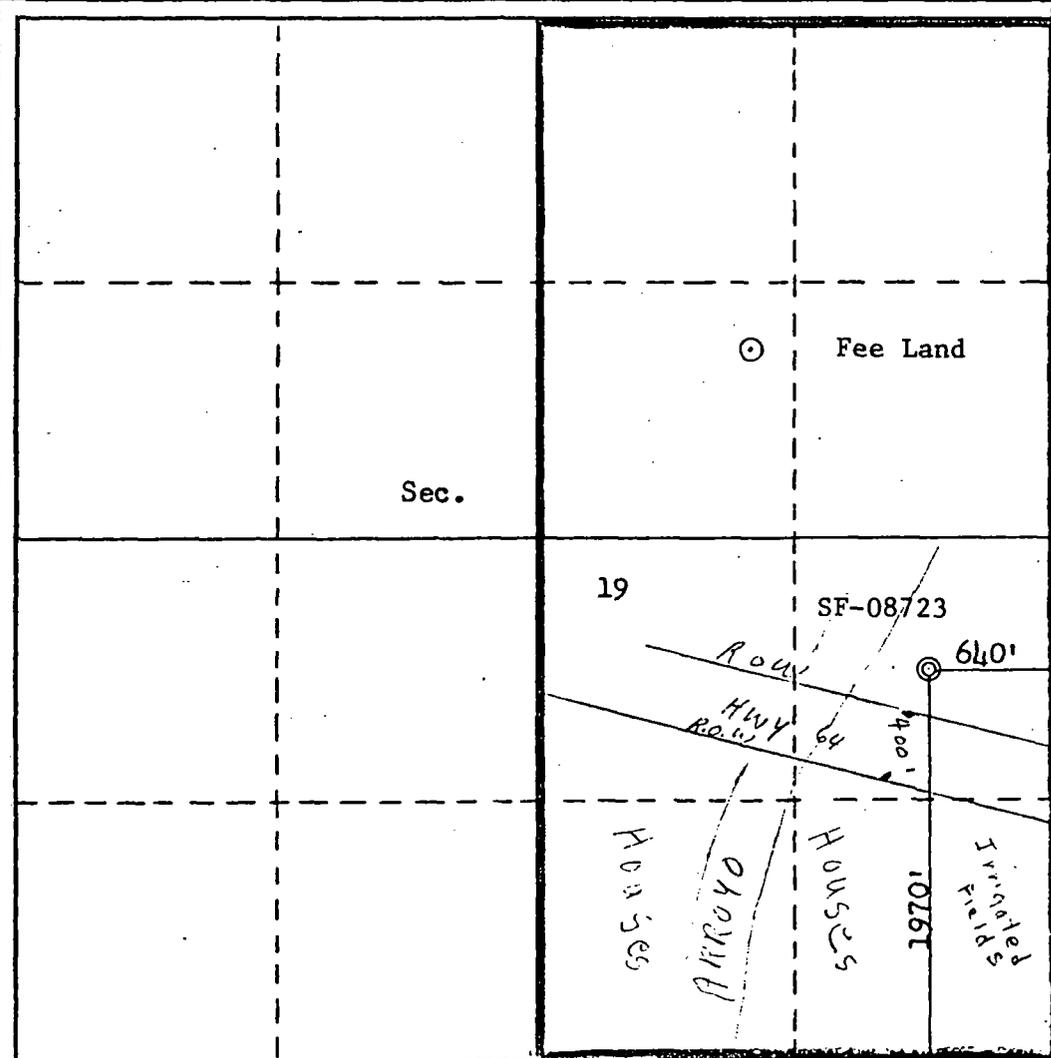
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>			Well No. <b>110-E</b>		
Unit Letter <b>I</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>				
Actual Footage Location of Well: <b>1970</b> feet from the <b>South</b> line and <b>640</b> feet from the <b>East</b> line								
Ground Level Elev. <b>5402'</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>			Dedicated Acreage: <b>320</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 Unitization

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.

*B. E. Fackrell*

Name  
**B. E. FACKRELL**  
Position  
**DISTRICT ENGINEER**  
Company  
**AMOCO PRODUCTION COMPANY**

Date  
**AUGUST 7, 1979**

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  
**August 7, 1979**  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kert Jr.*  
Certificate No. **3950**

