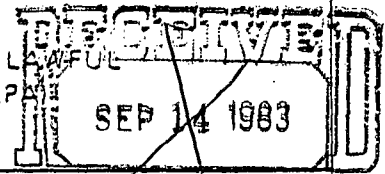


U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

OIL CONSERVATION DIVISION
SANTA FEGeneral Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer-Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well - 2.5 mile test
102	3	New onshore well - 1,000 feet deeper test
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:Contract Date
Mo. Day, Yr.BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

Buyer Code

CASE NO. 7898

EXHIBIT NO. 3-B

Remarks: The natural gas was _____ was not XX, committed and dedicated to interstate commerce on November 8, 1978. The maximum lawful price applicable to such gas on November 8, 1978 was \$ N/A. Rate Schedule's None.

* Price to be average of the three highest prices paid in the area.

Approved Contract No. 103727

Signed Date: 4/15/81

Approved Date

RECEIVED
SEP 14 1983
SIL CONSERVATION DIVISION
SANTA FE

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

BEFORE EXAMINER STOGNER
 NEW MEXICO OIL CONSERVATION COMMISSION
OIL CONSERVATION DIVISION

Amoco EXHIBIT NO. 4-B

CASE NO. 7898

Form C-101
 Revised 1-1-65

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		7. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name <u>Schneider Gas Com "B"</u>	
c. Name of Operator <u>AMOCO PRODUCTION COMPANY</u>		9. Well No. <u>2</u>	
3. Address of Operator <u>501 Airport Drive, Farmington NM 87401</u>		10. Field and Pool, or Wildcat <u>Undesignated Fruitland</u>	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>950</u> FEET FROM THE <u>South</u> LINE <u>AND 900</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>28</u> TWP. <u>32N</u> RGE. <u>10W</u> NMPM		12. County <u>San Juan</u>	
19. Proposed Depth <u>3175'</u>		19A. Formation <u>Fruitland</u>	
20. Rotary or C.T. <u>Rotary</u>		21. Elevations (Show whether DF, RT, etc.) <u>6063' GL</u>	
21A. Kind & Status Plug. Bond <u>statewide</u>		21B. Drilling Contractor <u>unknown</u>	
22. Approx. Date Work will start <u>as soon as permitted</u>			

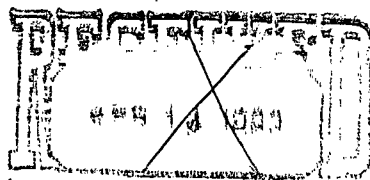
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	32.3#	300'	250	surface
8 3/4"	7"	20#	2847'	500	surface

Amoco proposes to drill the above well to further develop the Fruitland reservoir. 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 nondispersed mud system. 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 preventer design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled.

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



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 Original [Signature] Title District Engineer Date 3/31/81

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED
DISTRIBUTION
SANTA FE
FILE
J.S.G.S.
LAND OFFICE
OPERATOR

BEFORE EXAMINER SIGNATURE
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION RECORD REPORT AND LOG
Amoco EXHIBIT NO. 5B
CASE NO. 7898

Form O-105
Revised 10-64

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐
PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
Name of Operator

Amoco Production Company
Address of Operator
501 Airport Drive, Farmington, NM 87401
Location of Well

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
Schneider 302
8. Name of Leasee
Schneider Gas Com
"Fruitland" "B"
9. Well No.
1S
10. Field and Pool, or Wildcat
Mt. Nebo Fruitland
11. County
San Juan

12. LETTER M LOCATED 950 FEET FROM THE South LINE AND 900 FEET FROM
13. West LINE OF SEC. 28 TWP. 32N RGE. 10W NMPM
14. Date Spudded 4-15-81 16. Date T.D. Reached 4-20-81 17. Date Compl. (Ready to Prod.) 7-27-81 18. Elevations (DF, R&B, RT, GR, etc.) 6063' GL 19. Elev. Casinghead

20. Total Depth 2853' 21. Plug Back T.D. 2853' 22. If Multiple Compl., How Many
23. Intervals Drilled By 0-TD Rotary Tools Cable Tools
24. Producing Interval(s), at this completion - Top, Bottom, Name
None (Open hole from 2826-2853) 25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
DIL; GR; SP; CDL; CDN; Sonic; Coal Quality; Focused Electric Detailed Log; Mud Log; Coal Lithology Log;
27. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	299'	12 1/4"	350 sx	
7"	20#	2826'	8 3/4"	545 sx	

30. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	2821'	

31. Indicate Interval, size and number
None (Open Hole from 2826-2853)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
None
AMOUNT AND KIND MATERIAL USED
None

PRODUCTION
33. First Production
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping
Well Status (Prod. or Shut-in)
Shut-In
34. Test
Hours Tested
24 Hrs.
Choke Size
1"
Pressure For Test Performed
50 PSIG
35. Flowing Pressure
50 PSIG
36. Calculated 24-Hour Rate
694
37. Oil - Bbl.
694
38. Gas - MCF
694
39. Water - Bbl.
694
40. Oil Gravity - API (Corr.)
694
Disposition of Gas (sold, used for fuel, vented, etc.)
To be sold.
Test Witnessed by

* Seven day bottom hole pressure reading of 1315 PSIG, using an Amarada pressure gauge.
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Original Signed By
SIGNED E. E. SVOBODA TITLE Dist. Admin. Supvr. DATE AUG 13 1981

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

Operator AMOCO PRODUCTION COMPANY		Lease SCHNEIDER GAS. COM "B"		Well No. 2
Unit Letter M	Section 28	Township 32N	Range 10W	County San Juan
Actual Footage Location of Well: 950 feet from the South line and 900 feet from the West line				
Ground Level Elev: 6063	Producing Formation Fruitland	Pool Undesignated Fruitland	Dedicated Acreage: 160 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.

BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION <i>Amoco</i> EXHIBIT NO. <u>6-B</u> CASE NO. <u>7898</u>		Sec.
28		900' 950'

Scale: 1"=1000'

CERTIFICATION

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

W. L. Peterson

Name

W. L. PETERSON

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

3/31/81

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

March 30, 1981

Registered Professional Engineer
and/or Land Surveyor

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

Certification No.

3952

Schneider Gas Com "B" No. 1S

The Gamma Ray Log is shown as a part of the Stratigraphic Cross Section on the attached chart.

The lab report attached is for the Cahn Gas Com No. 1, however the results shown would be approximately the same for the Schneider Gas Com "B" No. 1S

BEFORE EXAMINER STOGNER	
OIL CONSERVATION DIVISION	
<i>Amoco</i>	EXHIBIT NO. <i>7898</i>
CASE NO.	<i>7-B</i>

Desorbed gas is the measured volume of gas emitted in a sealed container at approximately 70°F until measurements are below 0.05 cm³/gm/day for five consecutive days. As shown in Table 1, the amount of desorbed gas is greater in the Cahn well than in the Ealum well. The difference is believed due to less lost time (see Appendix 1 for measurements and Appendix 2 for calculations).

Table 1

AMOCO- EALUM GAS COM "B"-1

SAN JUAN CO., NEW MEXICO: FRUITLAND COAL

ADSORBED GAS CONTENT

Gas Measured	CYLINDER "A" 2785.7-2787.9'		CYLINDER "B" 2783.5-2784.5'	
	USBM Method	Surface Time Only	USBM Method	Surface Time Only
Lost Gas (cm ³)	30,000	9,500	10,000	4,100
Desorbed Gas (cm ³)	22,177	22,177	13,510	13,510
Residual Gas (cm ³)	<u>2,724</u>	<u>2,724</u>	<u>3,649</u>	<u>3,649</u>
Total Gas (cm ³)	54,901	34,401	27,159	21,259
Total Sample Wt. (g)	2145.0	2145.0	3296.4	3296.4
Gas Content (cm ³ /g)	25.595	16.038	8.239	6.449
Gas Content (ft ³ /ton)	819.	513.	{ 264. 505.* }	{ 206. 395.* }

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

Amoco EXHIBIT NO. 8-B

CASE NO. 7898

* WEIGHT CORRECTED FOR 47.8 PERCENT SHALE IN COAL SAMPLE.

AVERAGE (4 Samples - Both Wells) wt. corr.		USBM = 657 CF/ton Sur. Only = 551 CF/ton
---	--	---

AMOCO-CAHN GAS COM. NO. 1

SAN JUAN CO., NEW MEXICO: FRUITLAND COAL

ADSORBED GAS CONTENT

Gas Measured	CYLINDER "A" 2797.6-2800.5'		CYLINDER "B" 2808.1-2810.2'	
	USBM Method	Surface Time Only	USBM Method	Surface Time Only
Lost Gas (cm ³)	14,400	4,600	17,600	5,000
Desorbed Gas (cm ³)	31,682	31,682	36,587	36,587
Residual Gas (cm ³)	<u>1,122</u>	<u>1,122</u>	<u>3,469</u>	<u>3,469</u>
Total Gas (cm ³)	47,204	37,404	57,656	45,056
Total Sample Wt. (g)	3,340	3,340	2,765	2,765
Gas Content (cm ³ /g)	14.133	11.199	20.852	16.295
Gas Content (ft ³ /ton)	{ 452 637 }	{ 358 505 }	667	521

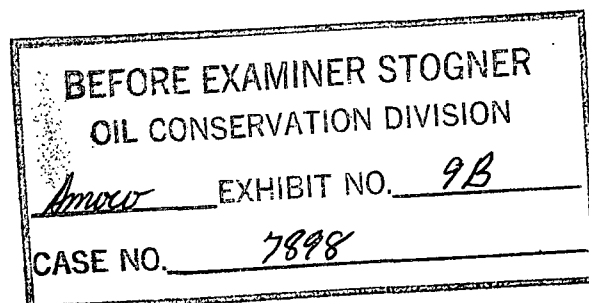
* WEIGHT CORRECTED FOR EXCESS WATER, CLAY, AND Ash CONTENT

CERTIFICATE OF MAILING

I hereby certify that a true and correct copy of the New Mexico Oil Conservation Division's Form C-132 and the Form FERC-121 for the Schneider Gas Com "B" No. 1S well was mailed, postage prepaid, to each working interest owner and each party to the gas purchase contract, as listed below.

PURCHASER: El Paso Natural Gas Company
P.O. Box 1492
El Paso, TX 79978

WORKING INTEREST OWNER: None



AMOCO PRODUCTION COMPANY

ORIGINAL SIGNED BY
BY: STEPHEN D. RING
Stephen D. Ring, Attorney
Amoco Building
Denver, Colorado 80202

APPLICANT'S SWORN STATEMENT

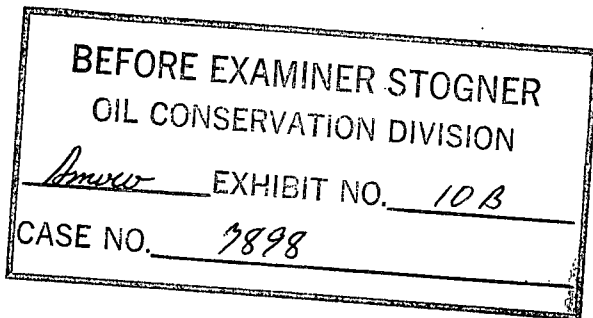
STATE OF COLORADO)
COUNTY OF DENVER) ss

John C. Burnside, having first been duly sworn,
states that he is a responsible official of the Applicant, Amoco Production
Company, and further states:

1. That the gas from the Schneider Gas Com "B" No. 1S is being
produced from a coal seam.

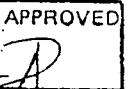
2. That there is no further information of which Applicant has
knowledge inconsistent with the conclusions stated herein.

DATED this 2nd day of December, 1982.



AMOCO PRODUCTION COMPANY, Applicant

BY: John C. Burnside



TITLE: Division Production Manager

ADDRESS: Amoco Production Company
Amoco Building
Denver, CO 80202

SUBSCRIBED, SWORN TO, AND ACKNOWLEDGED before me this 2nd day of

December, 1982.

Mary Ann Rawn
Notary Public

AMOCO BUILDING
1670 BROADWAY
DENVER, CO 80202

My Commission expires:

My Commission Expires Sept. 12, 1984

AMOCO PRODUCTION COMPANY
DENVER REGION
NMOCD HEARING
JUNE 8, 1983
CASE 7898

WELLBORE DIAGRAM
MOUNT NEBO FRUITLAND FIELD
SCHNEIDER GAS COM "B" NO. 1S
950' FSL X 900' FWL
SECTION 28-T32N-R10W
SAN JUAN COUNTY, NEW MEXICO

GL 6063'

12-1/4" HOLE

9-5/8" H-40 32.3#
CSA 299'

WITH 350 SX CMT
CIRC TO SURFACE

TOP OF FRUITLAND 2460'

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

Amoco EXHIBIT NO. 12B

CASE NO. 7898

8-3/4" HOLE

7" K-55 20# CSA 2826'
WITH 545 SX CMT

TOP OF MAIN BASAL
COAL 2835'

TD 2853'

OPEN HOLE UNDERREAMED
TO 9"

AMOCO PRODUCTION COMPANY
DENVER REGION

13B

NMOCD HEARING
JUNE 8, 1983
CASE 7898

DESORBED GAS CONTENT-CHIP ANALYSIS
Schneider Gas Com "B" No. 1S

<u>Sample</u>	<u>Interval</u>	Desorption (CF/TON) <u>TULSA</u>	Desorption (CF/TON) <u>UNM</u>
JL 11	2832-2834	306	320
JL 13	2836-2837	403	470
JL 20	2840-2842	451	490
JL 17	2847-2849	426	440

BEFORE EXAMINER STOGNER	
OIL CONSERVATION DIVISION	
<u>Amoco</u>	EXHIBIT NO. <u>13B</u>
CASE NO. <u>7898</u>	