

State of New Mexico


ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

2040 Paseo St.

Santa Fe, NM 87505

1220 South St. Francis Dr.

FOR DIVISION USE ONLY:		APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
APPROPRIATE FILING FEE(S) ENCLOSED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		- FILING FEE(S) - Effective October 1, 1986, a non-refundable filing fee of \$25.00 per category for each application is mandatory. (Rule 2, Order No. R-5878-8-3		5. State Oil & Gas Lease No.	
DATE COMPLETE APPLICATION FILED <u>Sept. 19, 2001</u>					
DATE DETERMINATION MADE <u>Nov. 19, 2002</u>					
WAS APPLICATION CONTESTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					
NAME(S) OF INTERVENORS(S), IF ANY: <u>NA</u>				7. Unit Agreement Name	
				8. Farm or Lease Name Heaton Gas Com LS	
2. Name of Operator Amoco Production Company				9. Well No. 9A	
3. Address of Operator P O Box 3092 Houston TX 77253				10. Field and Pool, or Wildcat Blanco Mesaverde	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1740</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>1080</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>32</u> TWS. <u>31N</u> RGE. <u>11W</u> NMPM				12. County San Juan	
11. Name and Address of Purchaser(s) El Paso Field Services					

Check appropriate box for category sought and information submitted. Enter required information on lines 1 and 2, below.

- Category(ies) sought (By NGPA Section No.)
- Filing Fee(s) Amount Enclosed \$ 25.00
- All applications must contain:
 - C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
 - C-105 WELL COMPLETION OR RECOMPLETION REPORT
 - DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
 - AFFIDAVITS OF MAILING OR DELIVERY
- In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Rules of Applications for Wellhead Price Ceiling Category Determinations" as follows:
 - NEW NATURAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile or 1000 Feet Deeper Test)
 ☐ All items required by Rule 14 (1) and/or Rule 14 (2)
 - NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)
 ☐ All items required by Rule 15
 - NEW ONSHORE PRODUCTION WELL UNDER SEC. 103
 ☐ All items required by Rule 16a OR Rule 16B
 - SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103
 ☒ All items required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule 17 (5)
 - STRIPPER WELL NATURAL GAS UNDER SEC. 108
 ☐ All items required by Rule 18

I, HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

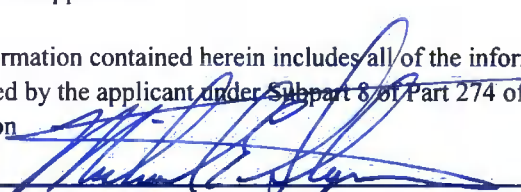
Mary Corley

NAME OF APPLICANT (TYPE OR PRINT)

SIGNATURE OF APPLICANT

Title **Senior Regulatory Analyst**Date **September 5, 2001**

API No. 30-045-24988

FOR DIVISION USE ONLY	
<input checked="" type="checkbox"/> Approved	
<input type="checkbox"/> Disapproved	
The information contained herein includes all of the information required to be filed by the applicant under Subpart 8 of Part 274 of the FERC regulation	
	
EXAMINER	



**San Juan Business Unit
Amoco Production Company**

A Part of the BP Amoco Group
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4491

August 29, 2001

State of New Mexico
Oil Conservation Division
2040 Pacheco St.
Santa Fe, New Mexico 87505

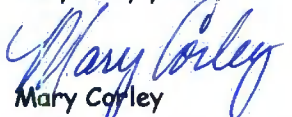
**Application For Well Category Determination
NGPA Section 107
Heaton Gas Com LS Well No. 9A
San Juan County, New Mexico**

Amoco Production Company is enclosing, for review and approval by the Oil Conservation Division, the original and one copy of an Application for Well Category Determination for the referenced well. Please hold the information in the filing confidential to the maximum extent allowed by law.

A copy of this letter and the FERC Form 121 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached copy of this letter and returning the copy for our records.

Very truly yours,


Mary Corley
Sr. Regulatory Analyst

Enclosures

Cc: Working Interest Owners

APPLICATION FOR WELL CATEGORY DETERMINATION
PUSUANT TO SECTION 270 OF
THE FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS IMPLEMENTING
THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

AFFIDAVIT
TIGHT FORMATION GAS

STATE OF TEXAS
COUNTY OF HARRIS

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared Mary Corley, who being by me first duly sworn, deposed and said:

That she is the Senior Regulatory Analyst for Amoco Production Company, the applicant for the well hereinafter described, and that capacity, she is requesting the appropriate Authorized Officer to make a determine that this well is producing from a coal seal formation pursuant to the rules and regulations of the Bureau of Land Management and the Federal Energy Regulatory Commission (FERC), as such rules relate to NGPA.

That production from the Heaton Com LS well # 9A, API No. 30-045-24988 is natural gas produced from a FERC designated tight formation, assigned State No. NM - 48 through:

___ a well the surface drilling of which began after December 31, 1979, but before January 1, 1993;

X a recompletion commenced after January 1, 1993, the surface drilling of which began after December 31, 1979, but before January 1, 1993; or


___ a recompletion commenced after December 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980; and

Said applicant has no knowledge of any information not described in the application that is inconsistent with her conclusion.



Mary Corley
Senior Regulatory Analyst

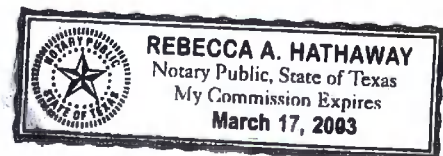
Subscribed in my presence and duly sworn to before me, this 29 day of August, 2001.



Notary Public

My Commission Expires:

BLM Affidavit



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
3004524988

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Heaton Corn LS

8. Well No.
9A

9. Pool name or Wildcat
Blanco Mesaverde

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER ☐
OIL CON. DIV. DIST. 3

2. Name of Operator
Amoco Production Company
Attention Dallas Kalahar

3. Address of Operator
P.O. Box 800 Denver Colorado 80201 (303) 830-5129

4. Well Location
Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East Line
Section 32 Township 31N Range 11W NMPM San Juan County

10. Date Spudded 02-28-82 11. Date T.D. Reached 03-08-82 12. Date Compl. (Ready to Prod.) 06-13-94 13. Elevations (DF & RKB, RT, GR, etc.) 5815' GR 14. Elev. Casinghead

15. Total Depth 6948' KB 16. Plug Back T.D. 6925' KB 17. If Multiple Compl. How Many Zones? 2 18. Intervals Drilled By Rotary Tools YES Cable Tools NO

19. Producing Interval(s), of this completion - Top, Bottom, Name
MV Point Lookout Top 4565' Bottom 4669' 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run NONE 22. Was Well Cored NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	308' KB	12 - 1/4"	305 sx CL B	
7"	23#	4481' KB	8 - 3/4"	1st: 95 sx CL-B, 150 sx	CL-B Neat
				2nd: 295 sx CL-B, 150 sx	CL-B

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 1/2"	4386' KB	6948' KB	290		2 3/8"	4648'
					1 1/4"	4584'

26. Perforation record (interval, size, and number)
see attached
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Slw/o 1st Deliv
Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) to be sold Test Witnessed By

30. List Attachments
Perf & Frac Sundry

31. 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

Signature Dallas Kalahar Printed Dallas Kalahar Title Staff Business Analyst Date 6/27/94

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 866'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 911'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 2300'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 3970'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 4130'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 4630'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 4899'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 5890'	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 6624'	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 6735'	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 6760' _____ to _____ 6860' _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____
No. 2, from _____ to _____ feet _____
No. 3, from _____ to _____ feet _____
No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	866'	866	San Jose				
866'	911'	45	Ojo Alamo				
911'	1946'	1035	Kirtland				
1946'	2300'	354	Fruitland				
2300'	2500'	200	Pictured Cliffs				
2500'	3970'	1470	Lewis				
3970'	4130'	160	Cliffhouse				
4130'	4630'	500	Menefee				
4630'	4899'	269	Point Lookout				
4899'	5890'	991	Mancos				
5890'	6624'	734	Gallup				
6624'	6680'	561	*Greenhorn				
6680'	6735'	55	Graneros				
6735'	TD	213	Dakota				

ALL DEPTHS EXPRESSES IN KB * logical marker bed

RECEIVED

MAR 21 1994

Form C-103
Revised 1-1-89

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CON. DIV
DIST. 3

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	3004524988
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Heaton Com LS
8. Well No.	9A
9. Pool name or Wildcat	BASIN DAK

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Amoco Production Company	
Attention: Dallas Kalahar	
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-5129	
4. Well Location Unit Letter <u>I</u> : <u>1740</u> Feet From The <u>South</u> Line and <u>1080</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐
 OTHER: Recomp to MV & FC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
 CASING TEST AND CEMENT JOB ☐
 OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company intends to recompleate the subject well into the Mesaverde and Fruitland Coal formations and dually produce the well per the attached procedures. The existing Dakota formation will be plugged and abandoned.

Amoco also requests approval to construct a temporary 15'x15'x5' blow pit for return fluids. This pit will be reclaimed upon completion of this operation. This Sundry Notice supercedes our Sundry dated August 8, 1993 previously submitted as the Yeager Com A1. This well has been renamed as the Heaton Com LS 9A.

NAME CHANGE TO : HEATON COM LS 9A
 FORMERLY: YEAGER COM A 1

If there any questions, please contact Dallas Kalahar at 303-830-5129.

RECEIVED

JAN 31 1994

OIL CON. DIV.
DIST. 3

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

SIGNATURE Dallas Kalahar TITLE Staff Business Analyst DATE 10-21-1993

TYPE OR PRINT NAME Dallas Kalahar DEPUTY OIL & GAS INSPECTOR, DIST. #3 TELEPHONE NO. 3-24-94

(This space for State Use)
 ORIGINAL SIGNED BY ERNIE BUSCH

**RECOMPLETION PROCEDURE
HEATON COM LS 9A MV, FT
(Formerly the YEAGER COM A 1 DK)**

JANUARY 25, 1994 (1st Version)

1. Record TP, SICP, and SIBIP.
2. MIRUSU.
3. TIH with retainer and set at 6700'.
4. Plug DK by pumping 200 sacks of cement through the retainer. Cap retainer with 100' of cement.
5. TIH with a CIBP and set at 5950', cap with 50' of cement.
6. Pressure test casing to 3500 psi.
7. Run a GR/CCL/CBL from 5900' to surface and determine TOC for both the 4 1/2" liner and the 7" casing. Relay CBL info to Paul Edwards in Denver, and verify whether squeeze work will be necessary and so he can pick perms.
8. Correlate the GR/CCL/CBL with Gearhart's Compensated Density Log dated 82/03/08. TIH with a 3 1/8" casing gun and perforate the following Point Lookout intervals with 2 JSPF, 120 deg. phasing and 15 g charges.

PERFORATE

4565' - 68' 4632' - 58' 4664' - 69'

9. Fracture stimulate according to the attached frac schedule for the Point Lookout.
10. TIH with RBP and set at 4550'. Cap with sand.
11. TIH with 4" casing gun and perforate the Cliffhouse intervals with 2 JSPF, 120 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
12. Fracture stimulate according to the attached frac schedule for the Cliffhouse.
13. Open well slowly 4 hours after the frac. Flow back overnight.
14. Reset RBP to 2800'.
15. If the CBL run in step 7 shows that the PC and Fruitland are in communication then TIH with RBP and perforate 2 squeeze holes at the base of the Fruitland and conduct a block squeeze to ensure isolation. If possible, circulate cement to surface.
16. TIH with 4" casing gun and perforate the Fruitland intervals with 8 JSPF, 120 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
17. Fill 11 400bbl tanks with produced coal water or fresh water, and pump that volume into the FT perms at 100 BPM. Do not pump sand. Use only 1 blender from the service company.
18. 4 hours later open well and flow back overnight.
19. Clean out with N2 to RBP at 2800', TOH with same.
20. Clean out with N2 to PBTD (5900').
21. TIH with 1 1/2" tubing and a permanent packer. Set packer at 2800' and land 1 1/2" tubing at 4384' with a seating nipple one joint off of bottom.
22. TIH with 1 1/4" tubing with a seating nipple one joint off bottom and land at 2300'.
23. Continue to flow back load until well is capable of producing against 350 psi.
24. Tie the MV string back into surface equipment and turn over to production.

NOTE: SINCE WORKING INTEREST IS DIFFERENT BETWEEN THE FT, MV AND DK, BE SURE TO LABEL ALL INVOICES AS PERTAINING TO A SPECIFIC HORIZON.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres S/2

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 interest 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 interest, has been approved by the Division.

RECEIVED
MAR 21 1994
OIL CON. DIV
DIST. 13

OPERATOR CERTIFICATION

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

Signature

Printed Name
Dallas Kalahar

Position
Business Analyst

Company
Amoco Prod. Co.

Date
March 16, 1994

SURVEYOR CERTIFICATION

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
"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>		
b. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	Yeager Com A	
DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>		
DIFF. RESVR. <input type="checkbox"/>			
OTHER <input type="checkbox"/>			

c. Name of Operator		9. Well No.	
Tenneco Oil Company		1	
d. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 3249, Englewood, CO 80155		Basin Dakota	
e. Location of Well			

NIT LETTER <u>I</u>		LOCATED <u>1740</u>		FEET FROM THE <u>South</u>		LINE AND <u>1080</u>		FEET FROM		12. County	
NE East		LINE OF SEC. <u>32</u>		TWP. <u>31N</u>		RGE. <u>11W</u>		NMPM		San Juan	

5. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
2/28/82	3/8/82	4/5/82	5815' GR	
0. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6948' KB	6925' KB			0' - TD
4. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
6760-6860' KB				No
6. Type Electric and Other Logs Run				27. Was Well Cored
None				No

8. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	308'KB	12-1/4"	305 sx C1-B	
7"	23#	4481'KB	8-3/4"	1st: 95sx C1-B, 150sx C1-B neat	
				2nd: 295sx C1-B, 150SX C1-B	

9. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	4386'KB	6948'KB	290		2-3/8"	6830'KB	

11. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6760-64'KB	2 JSPF (29' - 58 holes)	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6812-28'KB		6760-6860' KB	1200 gal 15% wtd HCL & 87 1.1 SG ball slrs. 60,000 gal 70% quality foam & 111,500# 20/40 sand
6851-60'KB			

12. PRODUCTION							
13. First Production		14. Production Method (Flowing, gas lift, pumping - Size and type pump)				15. Well Status (Prod. or Shut-in)	
3/23/82		Flowing				Shut-in	
16. Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/5/82	3	3/4"			296		
17. Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
162 psi	648 psi			2364			

18. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
To be sold			
19. List of Attachments			
None			

20. 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.			
SIGNED <u>Denise Wiles</u>		TITLE <u>Production Analyst</u>	
DATE <u>4/8/82</u>			

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

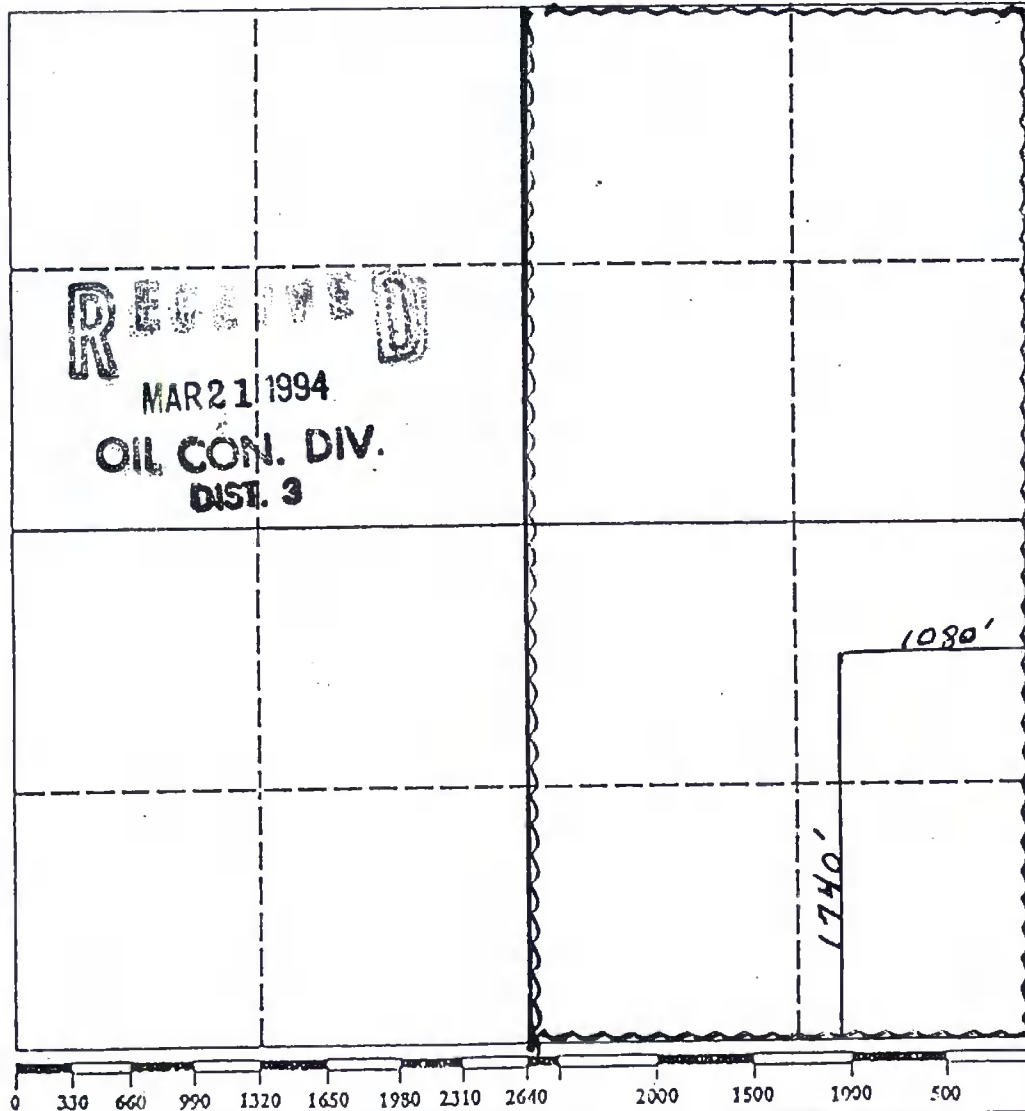
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Mesaverde		Pool Blanco Mesaverde		Dedicated Acreage: 320 Acres E/2

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 interest of all owners been consolidated by communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

30-045-24988

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				8. Farm or Lease Name	
2. Name of Operator Tenneco Oil Company				9. Well No. 1	
3. Address of Operator P.O. Box 3249, Englewood, CO 80155				10. Field and Pool, or Wildcat Basin Dakota	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1740</u> FEET FROM THE <u>S</u> LINE AND <u>1080</u> FEET FROM THE <u>E</u> LINE OF SEC. <u>32</u> TWP. <u>31N</u> RGE. <u>11W</u> NMPM				12. County San Juan	
19. Proposed Depth <u>±7000'</u>				19A. Formation Dakota	
20. Rotary or C.T. Rotary				21. Elevations (Show whether DF, RT, etc.) Ground 5815'	
21A. Kind & Status Plug. Bond Blanket				21B. Drilling Contractor Four Corners	
22. Approx. Date Work will start June, '81					

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" new	36#	+300'	Circulate to surface	
8 3/4"	7" new	23#	+3600'	Circulate to surface	
6 1/4"	4 1/2" new	10.5#	±7000'	Circulate to liner top	

See attached drilling procedure.

The gas is dedicated.

APPROVAL VALID
FOR 60 DAYS UNLESS
DRILLING COMMENCED.

EXPIRES 10-2-81



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 R. A. Mishler Title Senior Production Analyst Date March 23, 1981

(This space for State Use)

APPROVED BY Frank J. Chazy TITLE SUPERVISOR DISTRICT #3 DATE APR 9 1981

CONDITIONS OF APPROVAL, IF ANY:

STATE AND
ONLY



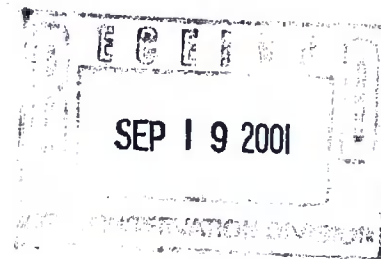
**San Juan Business Unit
Amoco Production Company**

A Part of the BP Amoco Group
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4491

August 29, 2001

State of New Mexico
Oil Conservation Division
2040 Pacheco St.
Santa Fe, New Mexico 87505



**Application For Well Category Determination
NGPA Section 107
San Juan County, New Mexico**

Attached please find a check in the amount of \$150.00 payable to the State of New Mexico for NGPA Section 107 Well Category Determinations for the below listed Amoco Production Company wells.

Bunce Com Well # 1	Mesaverde Pool	NM - 48
Gallegos Canyon Unit Well # 323	Pictured Cliffs Pool	NM - 55
Gallegos Canyon Unit Well # 323	Fruitland Coal	Coal Seam
Gallegos Canyon Unit Well # 506	Pictured Cliffs	NM - 55
Heaton Gas Com LS Well # 9A	Fruitland Coal	Coal Seam
Heaton Gas Com LS Well # 9A	Mesaverde	NM - 48

Also enclosed, for review and approval by the Oil Conservation Division, are the original and one copy of an Application for Well Category Determination for each of the referenced wells.

Very truly yours,

Mary Corley
Mary Corley
Sr. Regulatory Analyst

Enclosures

RECEIVED
SEP 19 2001
OIL CONSERVATION
DIVISION

ENERGY, MINERALS AND NATURAL RESOURCES DEPT.

-521

NO. 117303

Official Receipt

Received from:

RC - OCD/SF - Kathy Valdes

Date:

9/192001

Dollar Amount

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60	1893	0711	150.00		
60					
60					
60					

TOTAL

150.00

NGPA Filing Fee

By

M



Amoco Production Company
509 South Boston
Tulsa, OK 74103

62-20
311

CHECK NO. [REDACTED]

09/10/01

PAY TO THE
ORDER OF

STATE OF NEW MEXICO
2040 PACHEO ST
SANTA FE, NM 87505 US

*****\$150.00

NOT VALID AFTER 6 MONTHS

One hundred fifty and 00/100 Dollars

TRACE NUMBER: [REDACTED]

Authorized Signature

CITIBANK DELAWARE, A SUBSIDIARY OF CITICORP
ONE PENN'S WAY, NEW CASTLE, DE 19720

[REDACTED]

[REDACTED]

[REDACTED]



State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



January 4, 1995

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201

Attention: J. W. Hawkins

Administrative Order NSL-3449

Dear Mr. Hawkins:

Reference is made to your application dated November 6, 1994 for a non-standard Basin-Fruitland coal gas well location for your existing Heaton Com "LS" Well No. 9A (API No. 30-045-24988), which was drilled in 1982 and completed in the Basin-Dakota Pool at a standard gas well location 1740 feet from the South line and 1080 feet from the East line (Unit I) of Section 32, Township 31 North, Range 11 West, NMPM, San Juan County, New Mexico.

It is our understanding that the Dakota interval has been properly plugged off and that Amoco has dually completed said well up-hole into both the Blanco-Mesaverde Pool and Basin-Fruitland Coal (Gas) Pool. The Blanco-Mesaverde Pool underlying the E/2 of said Section 32 is currently dedicated to the Heaton Com "LS" Well No. 9 (API No. 30-045-10170), located at a standard gas well location in Unit "B". Pursuant to the *"General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool"*, as promulgated by Division Order No. R-8170, as amended, the infill gas well location for the subject Heaton Com "LS" Well No. 9A is considered to be standard; however, the location is unorthodox pursuant to the *"Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool, as promulgated by Division Order No. R-8768, as amended"*.

By the authority granted me under the provisions of Rule 8 of said Order No. R-8768, as amended, the above-described unorthodox coal gas well location is hereby approved. Further, the S/2 of said Section 32 shall be dedicated to the subject Heaton Com "LS" Well No. 9A thereby forming a standard 320-acre gas spacing and proration unit for the Basin-Fruitland Coal (Gas) Pool.

Sincerely,

Michael E. Stogner
Acting Director

MES/kv

cc: Oil Conservation Division - Aztec
New Mexico State Land Office - Santa Fe
US Bureau of Land Management - Farmington

VILLAGRA BUILDING - 408 Galisteo

Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830

Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco

Office of the Secretary
827-5950

Administrative Services
827-5925

Energy Conservation & Management
827-5900

Mining and Minerals
827-5970

Oil Conservation
827-7131

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO. 3004524988

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. Sale Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Heaton Com LS

8. Well No.

9A

9. Pool name or Wildcat
Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator

Attention:

Amoco Production Company

Lois Raeburn

3. Address of Operator

P.O. Box 800 Denver Colorado 80201

4. Well Location

Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The West Line

Section 32 Township 31N Range 11W NMPM San Juan County

10. Elevation (Show whether LF, RKB, RT, GR, etc.)

5815' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 5/25/94, MIRUSU, SET CMT RET @ 6690', PRESS TEST TO 1500 PSI, PMP 200 SKS CL B NEAT CMT, PMP 12 BBLS CMT
BELOW RET, PRESS TST TO 2500 PSI, ND BOP NU FRAC VLV & PRESS TO 3500 PSI, HELD OK, NUBOP
SEE COMPLETION FOR RDMO.

RECEIVED
MAY - 8 1995
OIL CON. DIV.
DIST. 3

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

SIGNATURE

Lois Raeburn

TITLE

Business Unit

DATE 05-04-1994

TYPE OR PRINT NAME

Lois Raeburn

TELEPHONE NO. (303) 830-5294

(This space for State Use)

APPROVED BY

Johnny Robinson

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

MAY - 8 1995

CONDITIONS OF APPROVAL, IF ANY:

PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Amoco Production Company P.O. Box 800 Denver, CO 80201		OGRID Number 95 FEB 27 8 AM '95
		Reason for Filing Code RC
API Number 30-0 45-24988	Pool Name Basin Fruitland Coal	Pool Code 71629
Property Code	Property Name Heaton Com LS	Well Number 9A

II. Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	32	31N	11W	---	1740	FSL	1080	FEL	San Juan

Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Loc Code P	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
007057	El Paso Natural Gas Co. P.O. Box 4990 Farmington, NM 87499		G	
014546	Meridian Oil Co. P.O. Box 4289 Farmington, NM 87499		O	

RECEIVED
FEB - 6 1995

OIL CON DIV



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

MEMORANDUM

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

TO: Frank Chaves, Supervisor District III
Ernie Busch, Geologist

FROM: William J. LeMay, Director *WJL*

SUBJECT: Request of Amoco Production Company for Exception to Division General Rule 112-A.F. to Conduct Packer Leakage Test Within 90 Days After First Delivery for Conventional Dually Completed Gas Wells in the San Juan Basin.

DATE: June 7, 1994

Reference is made to a letter from Mr. Dallas Kalahar of Amoco Production Company in Denver, Colorado dated May 23, 1994, subsequent to its review by the technical staff in the Santa Fe Office of the Division I hereby find that such request is acceptable in the conservation of natural gas and appears to be a sound engineering procedure. Further, the Aztec District Office is authorized to process any such application of Amoco's for dual completion of gas wells filed pursuant to General Rule 112.A.B. requesting such 90-day period.

However, either the Division Director or the Supervisor of the Aztec District Office of the Division may, should either deem it necessary in order to protect correlative rights or to prevent waste, deny or rescind such authority and require Amoco to follow the required 15-day period or such shorter time than the 90-day period as may be appropriate.

cc: Jim Morrow - Chief Engineer, Artesia
Michael E. Stogner - Chief Hearing Officer/Engineer
Dallas Kalahar - Amoco, Denver
Greg Nelson - Amoco, Farmington

Submit to Appropriate
District Office
State Lease - 4 copies
Federal Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815		Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	
				Dedicated Acreage: 320	S/2 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 interest 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 interest, has been approved by the Division.

RECEIVED
MAR 21 1994
OIL CON. DIV.
DIST. 3

OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

Energy, Minerals

NEW MEXICO
Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

94/JUN 25 AM 8 50

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Amoco Production Company P.O. Box 800 Denver, CO 80201		OGRID Number 778
		Reason for Filing Code RC
API Number 30-045-24988	Pool Name Blanco Mesaverde	Pool Code 72319
Property Code	Property Name Heaton Com LS	Well Number 9A

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	31N	11W	---	1740	FSL	1080	FEL	San Juan

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

" Loc Code	" Producing Method Code	" Gas Connection Date	" C-129 Permit Number	" C-129 Effective Date	" C-129 Expiration Date
P					

III. Oil and Gas Transporters

" Transporter OGRID	" Transporter Name and Address	" POD	" O/G	" POD ULSTR Location and Description
007057	El Paso Natural Gas Co. P.O. Box 4990 Farmington, NM 87499	45230	G	
014546	Meridian Oil Co. P.O. Box 4289 Farmington, NM 87499	45210	O	

RECEIVED
JUN 28 1994

OIL CON. DIV.
DIST. 3

RECEIVED

Submit to appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

3004524988

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Heaton Corn LS

8. Well No.

9A

9. Pool name or Wildcat
Basin Fruitland Coal

WELL COMPLETION OR RECOMPLETION

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒DIFF RESVR ☐

OIL CON. DIV.

2. Name of Operator
Amoco Production CompanyAttention DIST. 3
Dallas Kalahar3. Address of Operator
P.O. Box 800 Denver Colorado 80201 (303) 830-5129

4. Well Location

Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East Line

Section 32 Township 31N Range 11W NMPM San Juan County

10. Date Spudded 02-28-82 11. Date T.D. Reached 03-08-82 12. Date Compl. (Ready to Prod.) 06-13-94 13. Elevations (DF & RKB, RT, GR, etc.) 5815' GR 14. Elev. Casinghead

15. Total Depth 6948' KB 16. Plug Back T.D. 6925' KB 17. If Multiple Compl. How Many Zones? 2 18. Intervals Drilled By Rotary Tools YES Cable Tools NO

19. Producing Interval(s), of this completion - Top, Bottom, Name FT Top 2060' Bottom 2317' 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run

NONE

22. Was Well Cored NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	308' KB	12 - 1/4"	305 sx CL B	
7"	23#	4481' KB	8 - 3/4"	1st: 95 sx CL-B, 150 sx	CL-B Neat
				2nd: 295 sx CL-B, 150 sx	CL-B

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	4386' KB	6948' KB	290		2 3/8"	4848'	2800'
					1 1/2"	2306'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

see attached

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Slw/o 1st Deliv	
Date of Test	Hours Tested	Choke Size Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

to be sold

Test Witnessed By

30. List Attachments

Perf & Frac Sundry

31. 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

Signature

Dallas Kalahar

Printed
Name

Dallas Kalahar

Title

Staff Business Analyst

Date

6/27/94

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo 866'
 T. Kirtland-Fruitland 911'
 T. Pictured Cliffs 2300'
 T. Cliff House 3970'
 T. Menefee 4130'
 T. Point Lookout 4630'
 T. Mancos 4899'
 T. Gallup 5890'
 Base Greenhorn 6624'
 T. Dakota 6735'
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
Surf	866	866	San Jose				
866	911	45	Ojo Alamo				
911	1946	1035	Kirtland				
1946	2300	354	Fruitland				
2300	2500	200	Pictured Cliffs				
2500	3970	1470	Lewis				
3970	4130	160	Cliffhouse				
4130	4630	500	Menefee				
4630	4899	269	Point Lookout				
4899	5890	991	Mancos				
5890	6624	734	Gallup				
6624	6680	561	Greenhorn				
6680	6735	55	Graneros				
6735	TD	213	Dakota				

HEATON COM LS 9A

5/26/94 RU WLE & RIH W/CBL CCL GR & RAN LOG FROM CMT TOP @ 5913' TO SURF UNDER 1000 PSI. RIH W/3-1/8 HCG & PERF MV W/2 JSPF 120 DEG. PHASED 13 GRAM CHARGE FROM:

4664 - 4669, 4632 - 4658, 4565 - 4568

RD WLE.

FRAC MV INTERVAL 4565 - 4669 BY PUMPING 70 QUALITY FOAM & 12/20 BRADY SAND, STAGGED IN SAND FROM 1 PPG TO 5 PPG PUMPED 75000 LBS SAND, 536,000 SCF N₂, MAX PRESS 1586 PSI, AVG PRESS 1378, AVG RATE 28 BPM, TOTAL FLUID VOL 20612, GAL 491 BBLs, FLUID FLUSHED W/7209 GAL. RIH & SET RBP @ 4420 & PRESS TEST TO 2000 PSI, DUMPED 1 SXS SAND ON PLUG, RIH & PERF FRUITLAND COAL W/4 HCG W/4 JSPF 120 DEG. PHASED 23 GRM. CHARGE .46 HOLE FROM:

2314 - 2317, 2257 - 2276, 2238 - 2241, 2183 - 2186, 2172 - 2176, 2159 - 2162, 2153 - 2155,
2149 - 2151, 2145 - 2147, 2140 - 2142, 2134 - 2136, 2075 - 2082, 2068 - 2070, 2060 - 2065

FRAC FRUITLAND COAL INTERVAL 2060 - 2317 W/70 QUALITY FOAM & 20/40 BRADY SAND 172000 LBS W/1,271,750 SCF N₂ STAGGED SAND FROM 1 PPG TO 5 PPG, AVG RATE 75 BPM, BOTTOM HOLE - MAX PRESS 1778 PSI, AVG PRESS 1550 PSI, TOTAL FLUID PUMPED 36365, GAL = 866 BBLs.

FLOW BACK ^{part d} FRUITLAND FRAC 5/28/94. WELL FLOWING TO TANK ON 1/2 CHOKE. BLED OFF PRESS, TIH W/RET HEAD, TAGGED SAND @ 4241', PULLED UP 3 STAND PUT ON RET PKR & TIH & SET PKR & PRESS TEST, NDBOP & WELLHEAD, NU NEW DUAL WELLHEAD, NUBOP & PRESS TEST WELLHEAD TO 1550 PSI, BLED OFF PRESS ON TBG, RELEASED PKR & TOH W/SAME. RIGGED UP AIR EQUIP & CONT TO TIH W/RET HEAD. CLEANED OUT SAND FROM 4241 TO 4303. WELL FILLED FLOW BACK TANK W/FOAM.

BLED OFF PRESS, TIH W/RET HEAD & TAGGED SAND @ 4241, RU AIR EQUIP. CLEANED OUT TO RBP @ 4420', RELEASED RBP & TOH. TIH W/ 1/2 MULE 2 JTS, SN, TBG & TAGGED SAND @ 5770 & CLEANED OUT TO 5910'. PULLED UP TO 4560 & RIGGED UP TO FLOW BACK TO TANK. FLOW WELL TO TANK ON 1/4 CHOKE FOR 8 HRS THEN OPENED UP ON 1/2 CHOKE.

BLED OFF PRESS, PUMPED 6 BBLs DWN TBG. TIH & TAGGED @ 5905. TOH W/TBG LAID DWN 38 JTS. RU WLE & RIH & SET PKR @ 2800'. ROH & RD WLE, TIH W/ 1/2 MULE SHOE, 1 JT, SN, F COLLAR, 56 JTS. SEAL ASSY 86 JTS, TBG & 4 & 3', SUBS - STUNG INTO PKR @ 2800' LANDED TBG @ 4653', LANDED TBG @ 4653 W/6 K ON PKR, CHANGED OVER TO RUN 1-1/2 TBG. RDMOSU 6/7/94.

RIGGED UP COIL TBG UNIT & RIH W/1-1/4 TBG & LANDED @ 4584, RIGGED UP N₂ EQUIP & PUMPED 35,000 SCF N₂ & PUMPED OUT PLUG. RIGGED DWN COIL TBG UNIT. TURNED WELL OVER TO PRODUCTION 6/13/94.

NOTE: 2-3/8 @ 4584', 1-1/2 FRUITLAND COAL SHORT STRING LANDED @ 2306'.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copiesState of New Mexico
Energy, Minerals and Natural Resources DepartmentDISTRICT I OIL CONSERVATION DIVISION
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM, 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

3004524988

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Heaton Corn LS

8. Well No.

9A

9. Pool name or Wildcat

Blanco Mesaverde

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐GAS WELL ☒DRY ☐OTHER ☐

b. Type of Completion:

NEW
WELL ☐WORK
OVER ☐DEEPEN ☐PLUG
BACK ☒DIFF
RESVR ☐OTHER ☐

2. Name of Operator

Amoco Production Company

Attention

Dallas Kalahar

3. Address of Operator

P.O. Box 800 Denver

Colorado

80201

(303) 830-5129

4. Well Location

Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East LineSection 32Township 31NRange 11W

NMPM

San Juan

County

10. Date Spudded

02-28-82

11. Date T.D. Reached

03-08-82

12. Date Compl. (Ready to Prod.)

06-13-94

13. Elevations (DF & RKB, RT, GR, etc.)

5815' GR

14. Elev. Casinghead

15. Total Depth

6948' KB

16. Plug Back T.D.

6925' KB

17. If Multiple Compl. How
Many Zones?

2

18. Intervals
Drilled By

Rotary Tools

YES

Cable Tools

NO

19. Producing Interval(s), of this completion - Top, Bottom, Name

MV Point Lookout

Top 4565'

Bottom 4669'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

NONE

22. Was Well Cored

NO

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	308' KB	12 - 1/4"	305 sx CL B	
7"	23#	4481' KB	8 - 3/4"	1st: 95 sx CL-B, 150 sx 2nd: 295 sx CL-B, 150 sx	CL-B Neat CL-B

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	4386' KB	6948' KB	290	

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4648'	2800'
1 1/4"	4584'	

26. Perforation record (interval, size, and number)

see attached

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28.

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Slw/o 1st Deliv	
Date of Test	Hours Tested	Choke Size Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

to be sold

Test Witnessed By

30. List Attachments

Perf & Frac Sundry

31. 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

Signature

Dallas Kalahar

Printed
Name

Dallas Kalahar

Title Staff Business Analyst

Date

6/27/94

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo 866'
 T. Kirtland-Fruitland 911'
 T. Pictured Cliffs 2300'
 T. Cliff House 3970'
 T. Menefee 4130'
 T. Point Lookout 4630'
 T. Mancos 4899'
 T. Gallup 5890'
 Base Greenhorn 6624'
 T. Dakota 6735'
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
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RIGGED UP COIL TBG UNIT & RIH W/1-1/4 TBG & LANDED @ 4584, RIGGED UP N₂ EQUIP & PUMPED 35,000 SCF N₂ & PUMPED OUT PLUG. RIGGED DWN COIL TBG UNIT. TURNED WELL OVER TO PRODUCTION 6/13/94.

NOTE: 2-3/8 @ 4584', 1-1/2 FRUITLAND COAL SHORT STRING LANDED @ 2306'.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

RECEIVED
JUN 29 1994
AM 8 30

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	3004524988
5. Indicate Type of Lease	STATE <input type="checkbox"/> FREE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name Heaton Com LS (FORMERLY YCAGER Com/A/#1)
2. Name of Operator Amoco Production Company	8. Well No. 9A
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-5129	9. Pool name or Wildcat Basin Dakota
4. Well Location Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East Line Section 32 Township 31N Range 11W NMPM San Juan County	10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: PLUG BACK <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MIRUSU 5/24/94. TIH W/1 JT NO TAG. TOH W/6809' TBG, 212 JTS. TIH W/CMT RET & SET @ 6990'. PRESS TEST TBG TO 1500 PSI. STUNG OUT OF RET. CIRC HOLE W/KCL WATER, STUNG INTO RET, EST INJ RATE 2 BPM @ 600 PSI W/11 BBLs. RU CMT EQUIP, MIXED & PUMPED 200 SXS CMT CLASS B NEAT. PUMPED 12 BBLs BELOW RET & PRESS UP TO 2500 PSI. STUNG OUT OF RET & SPOTTED REMAINING CMT TOTALLING 25 BBLs IN CSG. PULLED TBG TO 5912'. REV OUT 14 BBLs CMT. CIRC 2 TBG VOL, TOH W/SETTING TOOL. LOADED HOLE W/WATER. NDBOP - NU FRAC VALVE & PRESS UP TO 3500 PSI, HELD OK. NUBOP 5/25/94 TO COMMENCE RECOMPLETION TO MESAVERDE & FRUITLAND COAL.

RECEIVED
JUN 29 1994

OIL CON. DIV.

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

SIGNATURE Dallas Kalahar TITLE Staff Business Analyst DATE 6/27/94
TYPE OR PRINT NAME Dallas Kalahar TELEPHONE NO. (303) 830-5129

(This space for State Use)

APPROVED BY Charles Gholan DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 29 1994

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0711

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
RECEIVED
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-107
Revised 4-1-91

ms

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Amoco Production Company P.O. Box 800, Denver, CO 80201

Operator Heaton Com LS 9A I 32-31N-R11W San Juan
Lense Well No. Unit Ltr. - Sec - Twp - Rge County

All applicants for multiple completion must complete items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Basin Fruitland Coal		Blanco Mesaverde
b. Top and Bottom of Pay Section (Perforations)	2060' - 2317'		4565' - 4669'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls.	Oil - 0 Gas - 90 MCFD Water - 0	RECEIVED JUN 2 9 1994 OIL CON. DIV. DIST. 3	Oil - 1 Gas - 180 MCFD Water - 0

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature Dallas Kalahar
Printed Name & Title Dallas Kalahar Analyst
Date 6/27/94 Telephone 303-830-5129

OIL CONSERVATION DIVISION

Approved by: Ernie Busch
Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3
Date: JUN 2 9 1994

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.



HALLIBURTON

ACOUSTIC
CEMENT BOND
LOG

COMP. : AMOCO PRODUCTION COMPAN

WELL : HEATON COM LS #9A

FIELD : BLANCO MESAVERDE

COUNTY: SAN JUAN ST. NM

COMPANY AMOCO PRODUCTION COMPANY

WELL HEATON COM LS #9A

FIELD BLANCO MESAVERDE

COUNTY SAN JUAN STATE NM

API NO.

LOCATION :

1740'FSL / 1080'FEL

OTHER SERVICES

PERFORATE

SEC. 32

TWP. 31N

RGE. 11W

PERMANENT DATUM

LOG MEASURED FROM K.B.

12 FT. ABOVE PERM. DATUM

ELEV. 5815

DRILLING MEAS FROM K.B.

DATE @ TIME LOGGED 05/25/94 @ 09:30

TYPE OF FLUID IN HOLE WATER

RUN No.

ONE

DENSITY OF FLUID

N/A

DEPTH - DRILLER

5912

FLUID LEVEL

SURFACE

DEPTH - LOGGER

5913

CEMENT TOP EST/LOGGED N/A

BTM LOGGED INTERVAL

5902

EQUIPMENT : LOCATION 50623/FARM

TOP LOGGED INTERVAL

150

RECORDED BY GILLINGHAM

MAX RECORDED TEMP.

N/A

WITNESSED BY LARRY HUMPHREY

CEMENTING DATA

SURF. STRING

INT. STRING

PROD. STRING LINER

DATE/TIME CEMENTED

/

/

/

PRIMARY/SQUEEZE

COMPRESSIVE STR.

EXPECTED @

:

Hrs

:

CEMENT VOLUME

CEMENT TYPE/WEIGHT

MUD TYPE/MUD WGT.

FORMULATION

RUN BOREHOLE RECORD

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

CASING AND TUBING RECORD

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

No.

BIT SZ.

FROM

TO

SIZE

WGT.

FROM

TO

SERVICE TICKET NO. 652591

API SERIAL NO.

PGM VERSION: 6.02B

THE WELL NAME, LOCATION, BOREHOLE DESCRIPTION AND/OR CEMENTING DATA FURNISHED BY CLIENT

EQUIPMENT DATA

ACOUSTIC		GAMMA		CCL	
RUN NO.	ONE	RUN NO.	ONE	RUN NO.	ONE
SERIAL NUMBER	0111	SERIAL NUMBER	011	SERIAL NUMBER	011
MODEL NUMBER	M271	MODEL NUMBER	307	MODEL NUMBER	307
DIAMETER	3.375	DIAMETER	3.375	DIAMETER	3.25

LOGGING DATA

PASS NO.	ACOUSTIC SCALE		GAMMA SCALE		CCL SCALE		SCALE		SCALE		SCALE
	L	R	L	R	L	R	L	R	L	R	
1	0	100	0	200	0	100					R

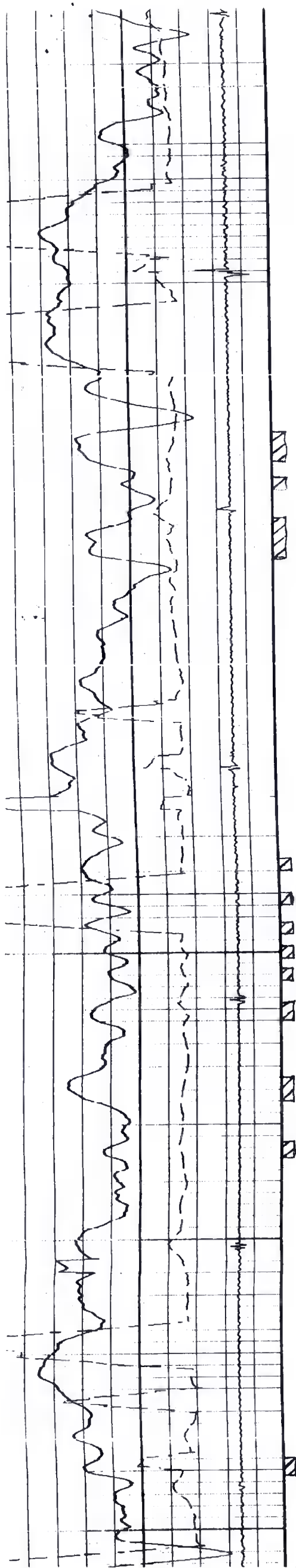
GENERAL DATA

PASS NO.	DEPTHS		WELL HEAD PRESSURE	SPEED FT./MIN.	LOGGING RUN COMMENTS :
	FROM	TO			
1	5913	150F	1500#	40	

Remarks: DEPTH CORRELATED TO GEARHART CDL DATED 3-8-82.

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS, OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL WHICH MAY APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE, EXCEPT WHERE DUE GROSS NEGLIGENCE OR WILFUL MISCONDUCT FOR ANY LOSS, DAMAGE, OR EXPENSES RESULTING FROM USE THEREOF.

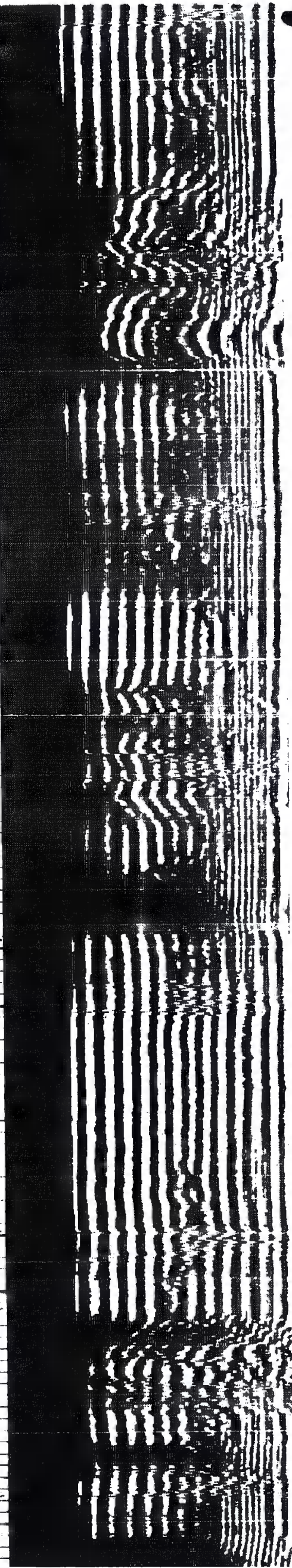
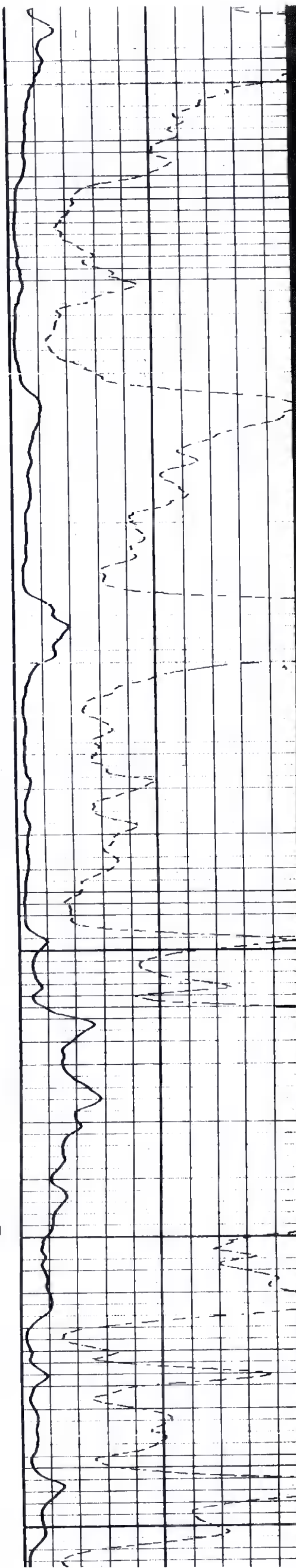
HALLIBURTON

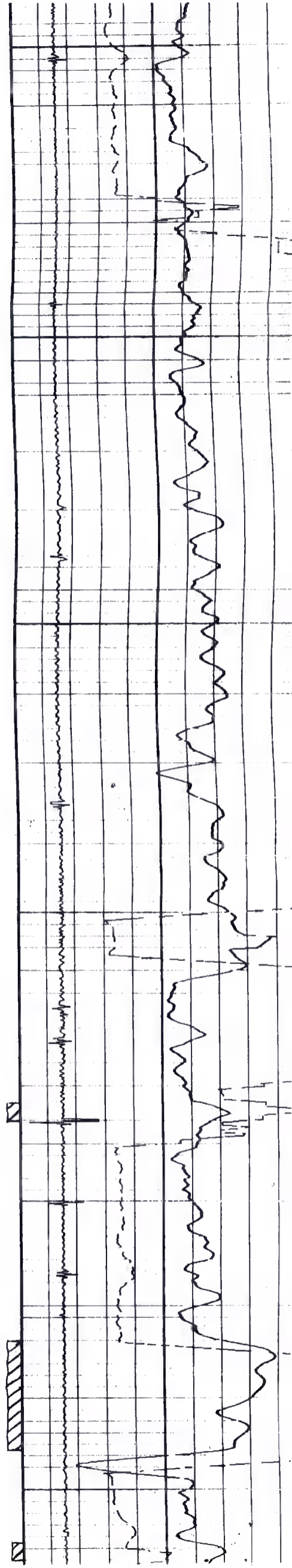


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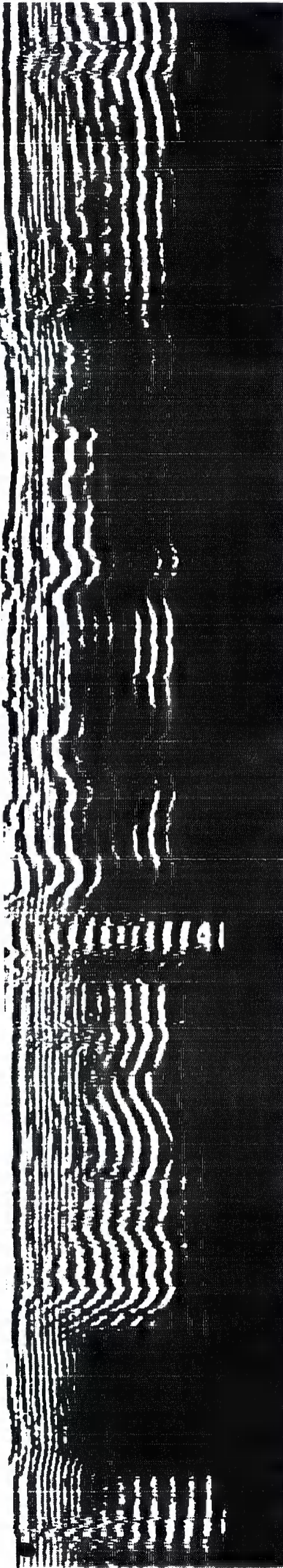
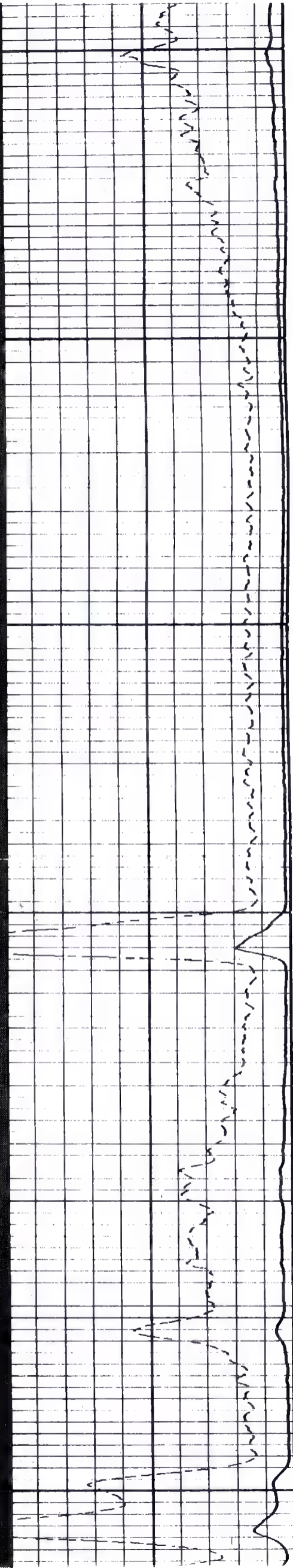
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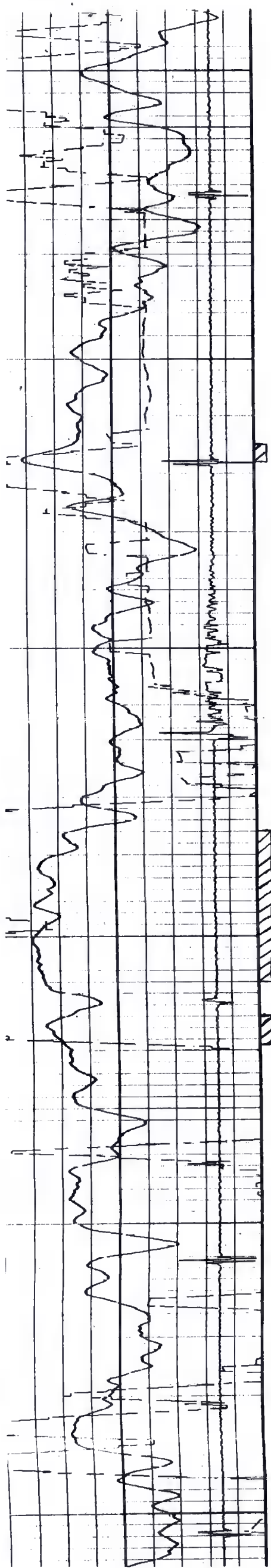
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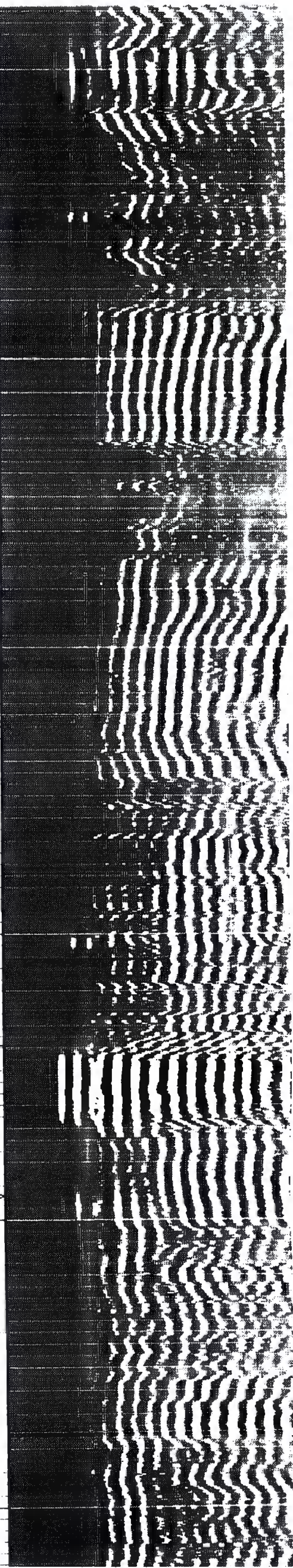
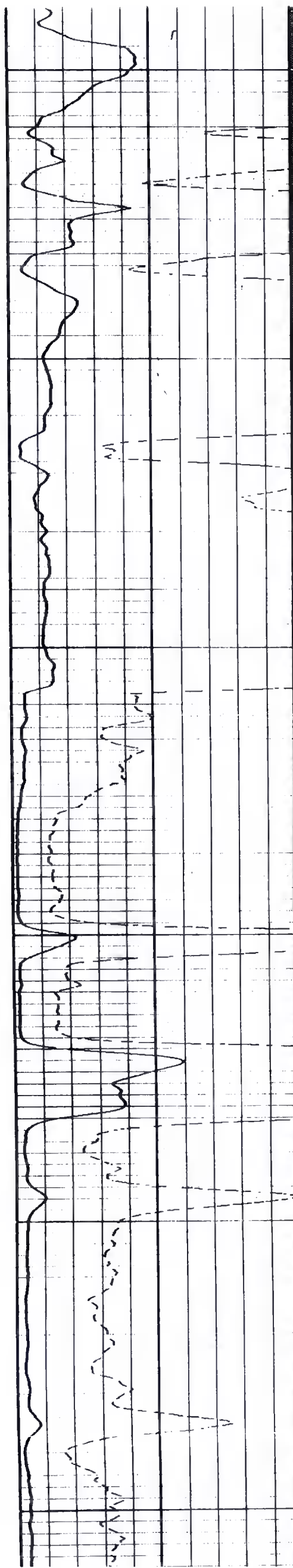




4500

4600

4700



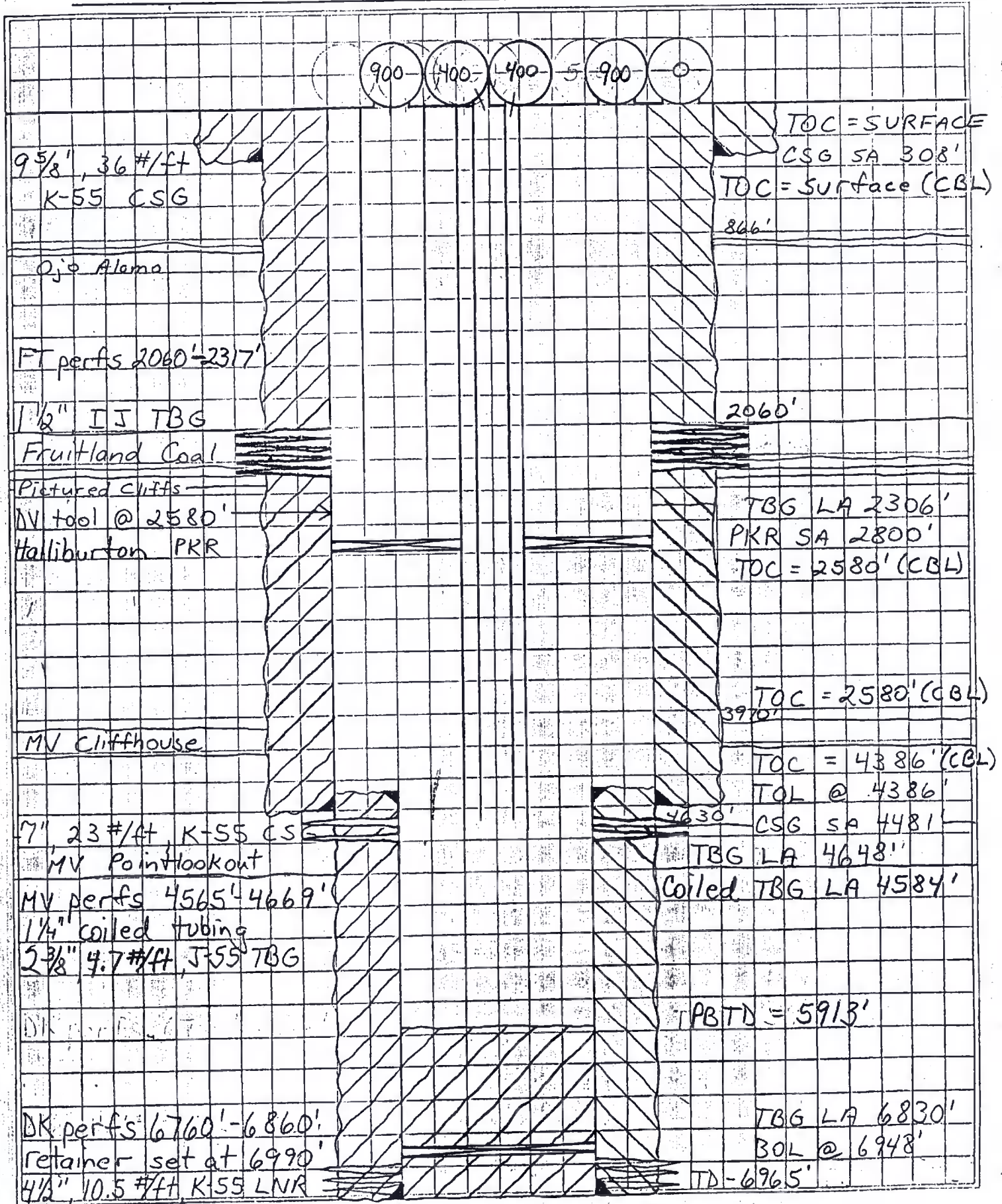
ENGINEERING CHART

File

Appn

Date

By PAE

SUBJECT Heaton Com L5 9A

to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
RECEIVED Santa Fe, New Mexico 87504-2088

94 JUL 25 AM 8 50

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM	San Juan
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Mesaverde		Pool Blanco Mesaverde		Dedicated Acreage: 320 Acres E/2

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 interest 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 interest, has been approved by the Division.

RECEIVED
MAR 21 1994

OIL CON. DIV.
DIST. 3

RECEIVED
JUN 29 1994

OIL CON. DIV.
DIST. 3

OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

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

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Hrazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
RECEIVED

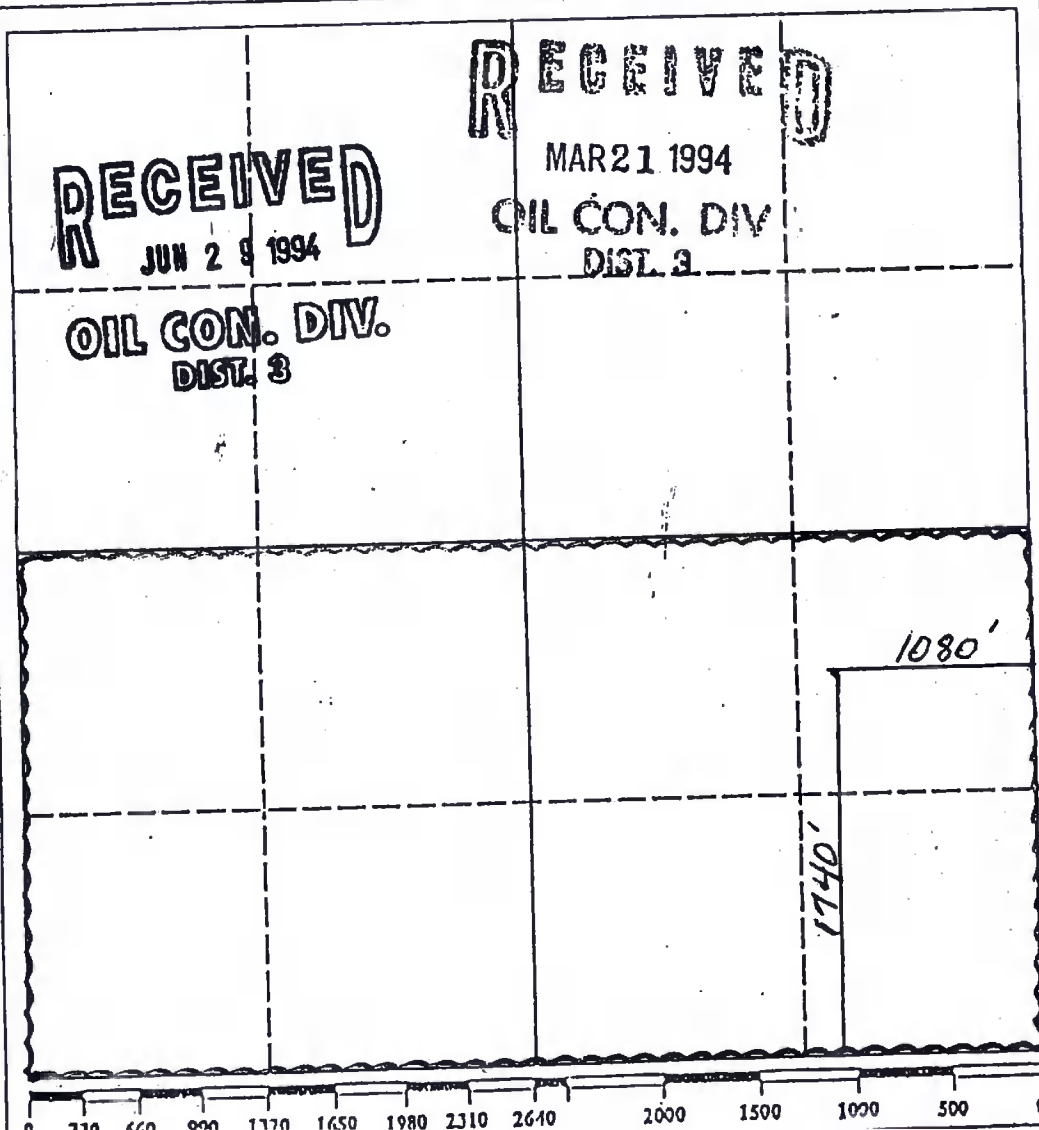
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised 1-1-89

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres S/2

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

Submit 3 Copies,
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
RECEIVED P.O. Box 2088
Santa Fe, New Mexico 87504-2088
MAR 21 1994

OIL CON. DIV
DIST. 3

WELL API NO. 3004524988
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Heaton Com LS
8. Well No. 9A
9. Pool name or Wildcat BASIN DAK.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Amoco Production Company	Attention: Dallas Kalahar
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-5129	9. Pool name or Wildcat BASIN DAK.	
4. Well Location Unit Letter <u>I</u> : <u>1740</u> Feet From The <u>South</u> Line and <u>1080</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County		
10. Elevation (Show whether DF, RKB, RT, GR, etc.)		

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <u>Recomp to MV & FC</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company intends to recompleate the subject well into the Mesaverde and Fruitland Coal formations and dually produce the well per the attached procedures. The existing Dakota formation will be plugged and abandoned.

Amoco also requests approval to construct a temporary 15'x15'x5' blow pit for return fluids. This pit will be reclaimed upon completion of this operation. This Sundry Notice supercedes our Sundry dated August 8, 1993 previously submitted as the Yeager Com A1. This well has been renamed as the Heaton Com LS 9A.

NAME CHANGE TO : HEATON COM LS 9A
FORMERLY: YEAGER COM A1.

If there any questions, please contact Dallas Kalahar at 303-830-5129.

RECEIVED
JAN 31 1994
OIL CON. DIV
DIST. 3

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

SIGNATURE Dallas Kalahar TITLE Staff Business Analyst DATE 10-21-1993
TYPE OR PRINT NAME Dallas Kalahar TELEPHONE NO.

(This space for State Use)

APPROVED BY Samie Bussell TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE 3-24-94

CONDITIONS OF APPROVAL, IF ANY:

**RECOMPLETION PROCEDURE
HEATON COM LS 9A MV, FT
(Formerly the YEAGER COM A 1 DK)**

JANUARY 25, 1994 (1st Version)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. TIH with retainer and set at 6700'.
4. Plug DK by pumping 200 sacks of cement through the retainer. Cap retainer with 100' of cement.
5. TIH with a CIBP and set at 5950', cap with 50' of cement.
6. Pressure test casing to 3500 psi.
7. Run a GR/CCL/CBL from 5900' to surface and determine TOC for both the 4 1/2" liner and the 7" casing. Relay CBL info to Paul Edwards in Denver, and verify whether squeeze work will be necessary and so he can pick perms.
8. Correlate the GR/CCL/CBL with Gearhart's Compensated Density Log dated 82/03/08. TIH with a 3 1/8" casing gun and perforate the following Point Lookout intervals with 2 JSPF, 120 deg. phasing and 15 g charges.

PERFORATE

4565' - 68' 4632' - 58' 4664' - 69'

9. Fracture stimulate according to the attached frac schedule for the Point Lookout.
10. TIH with RBP and set at 4550'. Cap with sand.
11. TIH with 4" casing gun and perforate the Cliffhouse intervals with 2 JSPF, 120 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
12. Fracture stimulate according to the attached frac schedule for the Cliffhouse.
13. Open well slowly 4 hours after the frac. Flow back overnight.
14. Reset RBP to 2800'.
15. If the CBL run in step 7 shows that the PC and Fruitland are in communication then TIH with RBP and perforate 2 squeeze holes at the base of the Fruitland and conduct a block squeeze to ensure isolation. If possible, circulate cement to surface.
16. TIH with 4" casing gun and perforate the Fruitland intervals with 8 JSPF, 120 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
17. Fill 11 400bbl tanks with produced coal water or fresh water, and pump that volume into the FT perms at 100 BPM. Do not pump sand. Use only 1 blender from the service company.
18. 4 hours later open well and flow back overnight.
19. Clean out with N2 to RBP at 2800', TOH with same.
20. Clean out with N2 to PBTD (5900').
21. TIH with 1 1/2" tubing and a permanent packer. Set packer at 2800' and land 1 1/2" tubing at 4384' with a seating nipple one joint off of bottom.
22. TIH with 1 1/4" tubing with a seating nipple one joint off bottom and land at 2300'.
23. Continue to flow back load until well is capable of producing against 350 psi.
24. Tie the MV string back into surface equipment and turn over to production.

NOTE: SINCE WORKING INTEREST IS DIFFERENT BETWEEN THE FT, MV AND DK, BE SURE TO LABEL ALL INVOICES AS PERTAINING TO A SPECIFIC HORIZON.

RECEIVED
JAN 31 1994
OIL CON. L
DIST 3

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Mesaverde		Pool Blanco Mesaverde		Dedicated Acreage: 320 Acres E/2

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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

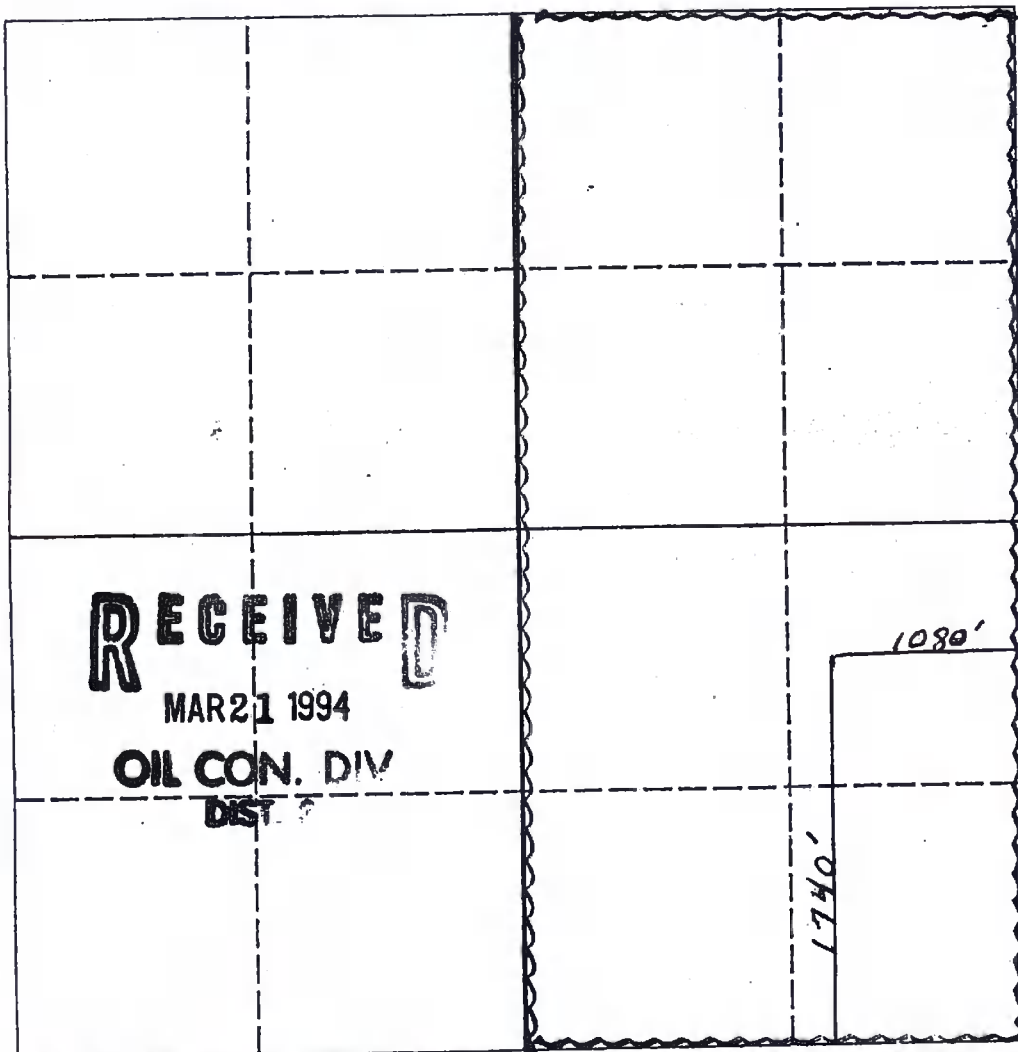
☐ Yes

☐ 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

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

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Heaton Com LS		Well No. 9A
Unit Letter I	Section 32	Township 31N	Range 11W	County NMPM San Juan	
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line					
Ground level Elev. 5815	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres S/2

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 interest 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 interest, has been approved by the Division.

RECEIVED
MAR 21 1994
OIL CON. DIV.
DIST. 2

OPERATOR CERTIFICATION

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

Signature

Printed Name

Dallas Kalahar

Position

Business Analyst

Company

Amoco Prod. Co.

Date

March 16, 1994

SURVEYOR CERTIFICATION

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

"on file"

Signature & Seal of
Professional Surveyor

Certificate No.

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

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	3004524988
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Yeager Corn A
8. Well No.	1
9. Pool name or Wildcat	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. 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 P.O. Box 800 Denver Colorado 80201 (303) 830-6003	Attention: Julie L Acevedo
4. Well Location Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East Line Section 32 Township 31N Range 11W NMPM San Juan County	10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Recompletion to MV ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company intends to recomplate the subject well into the Mesaverde formation and dually produce the well with the existing Dakota zone per the attached procedures.

Amoco also requests approval to construct a temporary 15'X 15'X5' (maximum size) blow pit for return fluids. This pit will be reclaimed upon completion of this operation.

If there are any questions, please contact Julie Acevedo @ 303-830-6003.

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

SIGNATURE Julie L Acevedo TITLE Sr. Staff Assistant DATE 08-23-1993
TYPE OR PRINT NAME Julie L Acevedo TELEPHONE NO. _____

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE AUG 25 1993

CONDITIONS OF APPROVAL, IF ANY: Run Breakdown test prior to work
Notify OCO after of CAC results. Run Breakdown test prior to work.

RECOMPLETION PROCEDURE
YEAGER COM A 1

JULY 07, 1993 (1st VERSION)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. TIH with RBP, set at 5950' and cap with sand.
4. Pressure test casing to 3500 psi.
5. Run a GR/CCL/CBL from 5950' to surface and determine TOC for both the 4 1/2" liner and the 7" casing. Relay CBL info to Paul Edwards in Denver, and verify whether squeeze work will be necessary and so he can pick perfs.
6. Correlate the GR/CCL/CBL with Gearhart's Compensated Density Log dated 82/03/08. TIH with a 3 1/8" casing gun and perforate the following Point Lookout intervals with 2 JSPF, 120 deg. phasing and 15 g charges.

PERFORATE

4565' - 68' 4632' - 58' 4664' - 69'

7. Fracture stimulate according to the attached frac schedule for the Point Lookout.
8. TIH with RBP and set at 4550'. Cap with sand.
9. TIH with 4" casing gun and perforate the Cliff House intervals with 2 JSPF, 120 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
10. Fracture stimulate according to the attached frac schedule for the Cliff House.
11. Open well slowly 4 hours after the frac. Flow back overnight.
12. If the CBL run in step 5 shows that the PC and Fruitland are in communication then TIH with RBP and perforate 2 squeeze holes at the base of the Fruitland and conduct a block squeeze to ensure isolation.
13. Drill out cement, pressure test squeeze perfs, resqueeze if necessary and TOH with RBP.
14. Clean out with N2 to RBP's at 4550' and 5950', TOH with same.
15. Clean out with N2 to PBTD (6925').
16. TIH with 2 3/8" tubing and a permanent packer. Set packer at 5200', and land 2 3/8" tubing at 6830' with a seating nipple one joint off of bottom.
17. TIH with 1 1/2" tubing with a seating nipple one joint off bottom and land at 4384'.
18. TIH with 1" coiled tubing inside 2 3/8" tubing and land at 6830'.
19. Modify wellhead to accomodate coiled tubing.
20. Continue to flow back load until well is capable of producing against 350 psi.
21. Tie the DK string back into surface equipment and turn over to production.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION
RECEIVED

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

90 OCT 29 AM 11 11

Operator AMOCO PRODUCTION COMPANY		Well API No. 300452498800
Address P.O. BOX 800, DENVER, COLORADO 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name YEAGER COM A	Well No. 1	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter I : 1740 Feet From The FSL Line and 1080 Feet From The FEL Line Section 32 Township 31N Range 11W, NMPM, SAN JUAN County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
MERIDIAN OIL INC.	3535 EAST 30TH STREET, FARMINGTON, NM 87401					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
EL PASO NATURAL GAS COMPANY	P.O. BOX 1492, EL PASO, TX 79978					
If well produces oil or liquids, give location of tanks.	Unit	Soc.	Twp.	Rge.	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
					RECEIVED			
					AUG 23 1990			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable rate for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature D. W. Whaley
Doug W. Whaley, Staff Admin. Supervisor
Printed Name
Date July 5, 1990
Telephone No. 303-830-4280

OIL CONSERVATION DIVISION

Date Approved AUG 23 1990
By [Signature]
Title SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company		Well APN No. 3004524988
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201		
Reason(s) for filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155		

II. DESCRIPTION OF WELL AND LEASE

Lease Name YEAGER COM A	Well No. 1	Pool Name, Including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 480560920
Location				
Unit Letter I	1740	Feet From The FSL	Line and 1080	Feet From The FEL
Section 32	Township 31N	Range 11W	NMPM, SAN JUAN	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 1429, BLOOMFIELD, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Unit Soc. Twp. Rge. Is gas actually connected? When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MMCF

GAS WELL

Actual Prod. Test - MMCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. L. Hampton
Signature
J. L. Hampton Sr. Staff Admin. Suprv.
Printed Name Title
Janaury 16, 1989 303-830-5025
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**
By *[Signature]*
SUPERVISION DISTRICT # 3
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO



NOTICE OF GAS CONNECTION

DATE June 30, 1983

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Tenneco Oil Company Yeager Com A #1
Operator Well Name

94-637-01 27333-3-01 I 32-31-11
Meter Code Site Code Well Unit S-T-R

Basin Dakota El Paso Natural Gas Company
Pool Name of Purchaser

WAS MADE ON March 22, 1983 FIRST DELIVERY June 2, 1983
Date Date

AOF 2364

CHOKE 1966

F
043
CST

El Paso Natural Gas Company
Purchaser

Salvatore Patterson
Representative

Coordinator Production San Juan
Title

cc: Operator Houston & Englewood
Oil Conservation Commission - 2
~~Production~~ El Paso Production Control
Contract Administration
File

RECEIVED
JUL 12 1983
OIL CON. DIV.
DIST. 3

San Juan

*Renew
Yeager Co #1*

I-32-31-11

August 19, 1982

Memorandum

To: Assistant Deputy Minerals Manager, Field Operations, MS 410
From: District Supervisor, Oil & Gas, Farmington, NM
Subject: Termination of Communitization Agreement, SRM-1557

Communitization Agreement SRM-1557 covering the S¹/₄ sec. 32, T. 31 N., R. 11 W., comprised of 80 acres of Federal lease Santa Fe 078097, and 240 acres of Fee land was approved on August 18, 1980 for production from the Dakota formation effective December 10, 1979. The term of the Communitization Agreement was for two years. No Dakota well was drilled on the Communitization Agreement prior to December 10, 1981 and the Agreement should be considered to have terminated on its own terms as of that date.

James F. Sims

For James F. Sims

cc: BLM, Santa Fe
NMOC



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PERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Yeager Com A	
9. Well No. 1	
10. Field and Pool, or Wildcat Basin Dakota	
12. County San Juan	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Tenneco Oil Company (303) 740-2584		
Address of Operator Box 3249, Englewood, CO 80155		
Location of Well UNIT LETTER I, 1740 FEET FROM THE South LINE AND 1080 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 31N RANGE 11W NMPM.		

15. Elevation (Show whether DF, RT, GR, etc.)

5815' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:


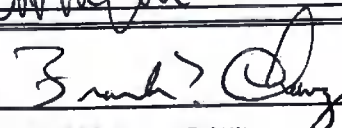
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CULL OR ALTER CASING <input type="checkbox"/>	OTHER Notice of Production <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was put on production 6/2/83. Nature of production is natural gas.

RECEIVED
JUN 13 1983
OIL CON. DIV.
DIST. 3

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

SIGNED 	John Orr	TITLE Production Analyst	DATE June 6, 1983
APPROVED BY 		TITLE SUPERVISOR DISTRICT # 9	DATE JUN 13 1983
CONDITIONS OF APPROVAL, IF ANY:			

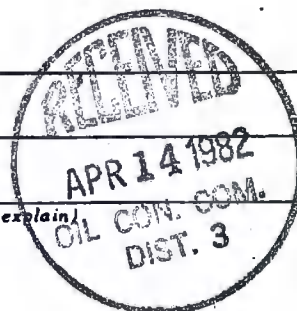
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TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

MAY 18 1982



I.

Operator
Tenneco Oil Company

Address
P. O. Box 3249, Englewood, CO 80155 SANTA FE

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/> Condensate <input type="checkbox"/>

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Yeager Com A	Well No. 1	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location					
Unit Letter <u>I</u> ; <u>1740</u> Feet From The <u>South</u> Line and <u>1080</u> Feet From The <u>East</u>					
Line of Section <u>32</u> Township <u>31N</u> Range <u>11W</u> , NMPM, San Juan County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco	Box 460, Hobbs, New Mexico 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas	Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	I 32 31N 11W No ASAP

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 2/28/82	Date Compl. Ready to Prod. 4/5/82	Total Depth 6948' KB	P.B.T.D. 6925' KB					
Elevations (DF, RKB, RT, CR, etc.) 5815' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 6760' KB	Tubing Depth 6830' KB					
Perforations 6760-64', 6812-28', 6851-60' KB			Depth Casing Shoe					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	9-5/8" 36#	308' KB	305
8-3/4"	7" 23#	4481' KB	254
6-1/4"	4-1/2" 10.5#	6948' KB	290
	2-3/8"	6830' KB	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

SANTA FE

GAS WELL

Actual Prod. Test-MCF/D 2364	Length of Test 3 hrs.	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (shut-in) 1910 psi	Casing Pressure (shut-in) 1910 psi	Choke Size 3/4"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Denise Wilson
(Signature)

Production Analyst

(Title)

April 8, 1982

(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 14 1982, 19

BY John P. Chang
SUPERVISOR DISTRICT # 3

TITLE

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiple completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Yeager Com A

9. Well No.
1

10. Field and Pool, or Wildcat Basin
Basin Dakota

Name of Operator
Tenneco Oil Company

Address of Operator
P. O. Box 3249, Englewood, CO 80155

Location of Well

LETTER I LOCATED 1740 FEET FROM THE South LINE AND 1080 FEET FROM East LINE OF SEC. 32 TWP. 31N RGE. 11W NMPM

12. County
San Juan

Date Spudded 2/28/82	16. Date T.D. Reached 3/8/82	17. Date Compl. (Ready to Prod.) 4/5/82	18. Elevations (DF, RKB, RT, GR, etc.) 5815' GR	19. Elev. Casinghead
Total Depth 6948' KB	21. Plug Back T.D. 6925' KB	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0' - TD	Cable Tools
Producing Interval(s), of this completion - Top, Bottom, Name 6760-6860' KB				25. Was Directional Survey Made No
Type Electric and Other Logs Run None				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"	36#	308'KB	12-1/4"	305 sx Cl-B	
7"	23#	4481'KB	8-3/4"	1st: 95sx Cl-B, 150sx Cl-B neat 2nd: 295sx Cl-B, 150SX Cl-B	

LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	4386'KB	6948'KB	290		2-3/8"	6830'KB	

Perforation Record (Interval, size and number)

6760-64'KB 2 JSPF (29" - 58 holes)
6812-28'KB
6851-60'KB

MAY 18 1982

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6760-6860' KB	1200 gal 15% wtd HCL & 87 l.l SG ball slrs. 60,000 gal 70% quality foam & 111,500# 20/40 sand

PRODUCTION

First Production 3/23/82	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-in
Date of Test 4/5/82	Hours Tested 3	Choke Size 3/4"
Prod'n. For Test Period	Oil - Bbl. 296	Gas - MCF 2364
Water - Bbl.	Gas - Oil Ratio	
Tubing Press. 162 psi	Casing Pressure 648 psi	Calculated 24-Hour Rate
Oil - Bbl.	Gas - MCF 2364	Water - Bbl.
Oil Gravity - API (Corr.)		
Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold		Test Witnessed By

List of Attachments
None

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.

SIGNED Denise Wilson TITLE Production Analyst DATE 4/8/82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 866'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 911'	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 2300'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 3970'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 4130'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 4630'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 4899'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 5890'	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 6624'	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 6735'	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 6760' to 6860' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	866'	866	San Jose				
866'	911'	45	Ojo Alamo				
911'	1946'	1035	Kirtland				
1946'	2300'	354	Fruitland				
2300'	2500'	200	Pictured Cliffs				
2500'	3970'	1470	Lewis				
3970'	4130'	160	Cliffhouse				
4130'	4630'	500	Menefee				
4630'	4899'	269	Point Lookout				
4899'	5890'	991	Mancos				
5890'	6624'	734	Gallup				
6624'	6680'	561	**Greenhorn				
6680'	6735'	55	Graneros				
6735'	TD	213	Dakota				

ALL DEPTHS EXPRESSED IN KB **Geological marker bed

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PERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator
Tenneco Oil Company

Address of Operator
P. O. Box 3249, Englewood, CO 80155

Location of Well

UNIT LETTER I 1740 FEET FROM THE South LINE AND 1080 FEET FROM
THE East LINE, SECTION 32 TOWNSHIP 31N RANGE 11W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
Yeager Com A

9. Well No.
1

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation (Show whether DF, RT, GR, etc.)
5815' ground

12. County
San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☒
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/6/82 - TD 8-3/4" hole @ 10:15 A.M. on 3/5/82. SHT trip, no fill, circ 1 1/2 hrs. Lay down drill pipe and DC. RU and run 106 jts 7" 23# K-55 csg (4498') w/float (equ) and stage tool @ 4481', FC @ 4434', stage tool @ 2580'. Circ 30 min. Cmt 1st stage w/95 sx Cl-B + 2% D-79 and 150 sx Cl-B neat, all preceded by 20 bbl CW-100. PD @ 1400 psi. Good Circ, no excess cmt. Open stage tool, circ 4 hrs. Cmt 2nd stage w/295 sx B + 2" D-79 + 1/4#/sx D-29 and 150 sx B + 1/4#/sx D-29, all preceded by 20 bbl CW-100. PD w/3000 psi @ 3 A.M. 3/6/82. Circ 10 bbl excess cmt. Set slips, cutt off. NUBOP.

3/7/82 - Press blinds and manifold 1000 psi, ok. TIH. Drill stage tool, test to 1500 psi, ok. TIH, drill float and cmt, blow hole dry, drill 5'. Blow well, dusting @ 4:15 P.M. on 3/6/82.

3/8/82 - Drilling.

APR 20 1982
OIL CONSERVATION DIVISION
SANTA FE



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

SIGNED Denise Wilson
Denise Wilson

TITLE Production Analyst

DATE 4/5/82

APPROVED BY Sam T. Lang
CONDITIONS OF APPROVAL, IF ANY:

TITLE SUPERVISOR DISTRICT #3

DATE APR 9 1982

75
50
50
50
90

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

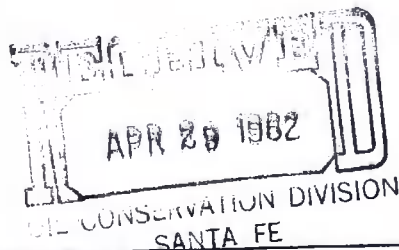
Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator Tenneco Oil Company		7. Unit Agreement Name
3. Address of Operator P. O. Box 3249, Englewood, CO 80155		8. Farm or Lease Name Yeager Com A
4. Location of Well UNIT LETTER <u>I</u> <u>1740</u> FEET FROM THE <u>South</u> LINE AND <u>1080</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>31N</u> RANGE <u>11W</u> NMPM.		9. Well No. <u>1</u>
15. Elevation (Show whether DF, RT, GR, etc.) 5815' ground		10. Field and Pool, or Wildcat Basin Dakota
		12. County San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Perforate, acidize, fracture treat	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/20/82 - RIH w/balance of tbq. Drilled to PBTD @ 6925'. Pressure test cst to 3500 psi. Circ hoel w/1% KCL water. Pulled up 1 stand. Bottom of tbq @ 6860'.
 3/23/82 - Spotted 500 gals 7% DI-HCL @ 5860'. POOH w/tbg. RU wireline unit. Ran GR/CCL Perf'd Dakota @ 2 JSFP: 6760-64', 6812-28', 6851-60' (29' - 58 holes). Break down perfs @ 1700 psi. Estab rate: 20 BPM @ 1700 psi. ISIP: 750 psi. Acidized w/1200 gals 15% weighted HCL and 87 1.1 spec grav ball sealers. Acid away: 20 BPM @ 1300 psi. Ball off complete. Round tripped junk basket to PBTD. Recovered 87 balls. Frac'd Dakota w/60,000 gals 70% quality foam and 111,500# 20/40 sand. AIR: 24 BPM, AIP: 3100 psi. Shut in 2 hrs. Flowed back thru 1/2" choke. Left flowing overnight.
 3/24/82 - RIH w/tbg, seating nipple and pump out plug. Tagged sand fill @ 6862'. Clean out to PBTD w/foam. Killed and landed tbq @ 6830'. NDBOP. NUWH. RDMOSU. Kicked well around w/N2. Left flowing.



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

SIGNED Don H. Harrison TITLE Production Analyst DATE 3/29/82
 APPROVED BY 3-27-82 SUPERVISOR DISTRICT # 3 DATE APR 1 1982
 CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
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U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Yeager Com "A"	
9. Well No. I	
10. Field and Pool, or Wildcat Basin Dakota	
12. County San Juan	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Tenneco Oil Company
3. Address of Operator P. O. Box 3249, Englewood, CO 80155
4. Location of Well UNIT LETTER <u>I</u> <u>1740</u> FEET FROM THE <u>South</u> LINE AND <u>1080</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>31N</u> RANGE <u>11W</u> NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5815' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/1/82 - MIRURT. Spud 2/28/82 w/4 Corners rig #7. RU and run 7 jts 9-5/8" 36# K-55 ST&C. Landed @ 308'.

3/2/82 - Cmt w/305sx B and 2% CACL2 and 1/4# sx celoflake. Circ 10 bbl cmt. NUBOP.

3/9/82 - Reached T.D. 3/8/82. RU and run 61 jts 4-1/2" 10.5# K-55 ST&C. Set @ 6948'. TOL 4386', LC @ 6908'. Cmt w/140sx Econolite + .4% retarder + .6% D-19. Tail w/150sx B. Reverse out 12 bbl cmt.

3/10/82 - Rig released 3/9/82.



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

SIGNED Don H. Harrison TITLE Production Analyst DATE 3/19/82
APPROVED BY Paul J. Day TITLE SUPERVISOR DISTRICT #3 DATE MAR 25 1982
CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

30-045-24988

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		7. Unit Agreement Name	
2. Name of Operator Tenneco Oil Company		8. Farm or Lease Name Yeager Com "A"	
3. Address of Operator P. O. Box 3249, Englewood, CO 80155		9. Well No. 1	
4. Location of Well UNIT LETTER <u>I</u> , <u>1740</u> FEET FROM THE <u>South</u> LINE AND <u>1080</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>31N</u> RANGE <u>11W</u> NMPM.		10. Field and Pool, or Wildcat Basin Dakota	
15. Elevation (Show whether DF, RT, GR, etc.) 5815' ground		12. County San Juan	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

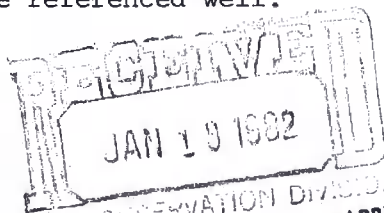
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Request extension of approval</u> <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Tenneco respectfully requests an extension of approval on the Application for Permit to Drill the above referenced well.



APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 4-2-82



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

SIGNED <u>Don H. Morrison</u> DON H. MORRISON	TITLE <u>Production Analyst</u>	DATE <u>12/1/81</u>
APPROVED BY <u>John T. Chay</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>DEC 7 1981</u>
CONDITIONS OF APPROVAL, IF ANY:		

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

20-045-24988

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

Tenneco Oil Company

3. Address of Operator

P.O. Box 3249, Englewood, CO 80155

4. Location of Well

UNIT LETTER I LOCATED 1740 FEET FROM THE S LINE

AND 1080 FEET FROM THE E LINE OF SEC. 32 TWP. 31N RGE. 11W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Yeager Com "A"

9. Well No.

1

10. Field and Pool, or Wildcat

Basin Dakota

12. County

San Juan

19. Proposed Depth

±7000'

19A. Formation

Dakota

20. Rotary or C.T.

Rotary

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

Ground 5815'

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Four Corners

22. Approx. Date Work will start

June, '81

23.

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" new	36#	+300'	Circulate to surface	
8 3/4"	7" new	23#	+3600'	Circulate to surface	
6 1/4"	4 1/2" new	10.5#	±7000'	Circulate to liner top	

See attached drilling procedure.

The gas is dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
SAND DRILLING COMMENCED.

EXPIRES 10-2-81



4 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.

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

Signed R. A. Michler Title Senior Production Analyst Date March 23, 1981

(This space for State Use)

APPROVED BY 3rd 3rd TITLE SUPERVISOR DISTRICT # 9 DATE APR 2 1981

CONDITIONS OF APPROVAL, IF ANY:

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

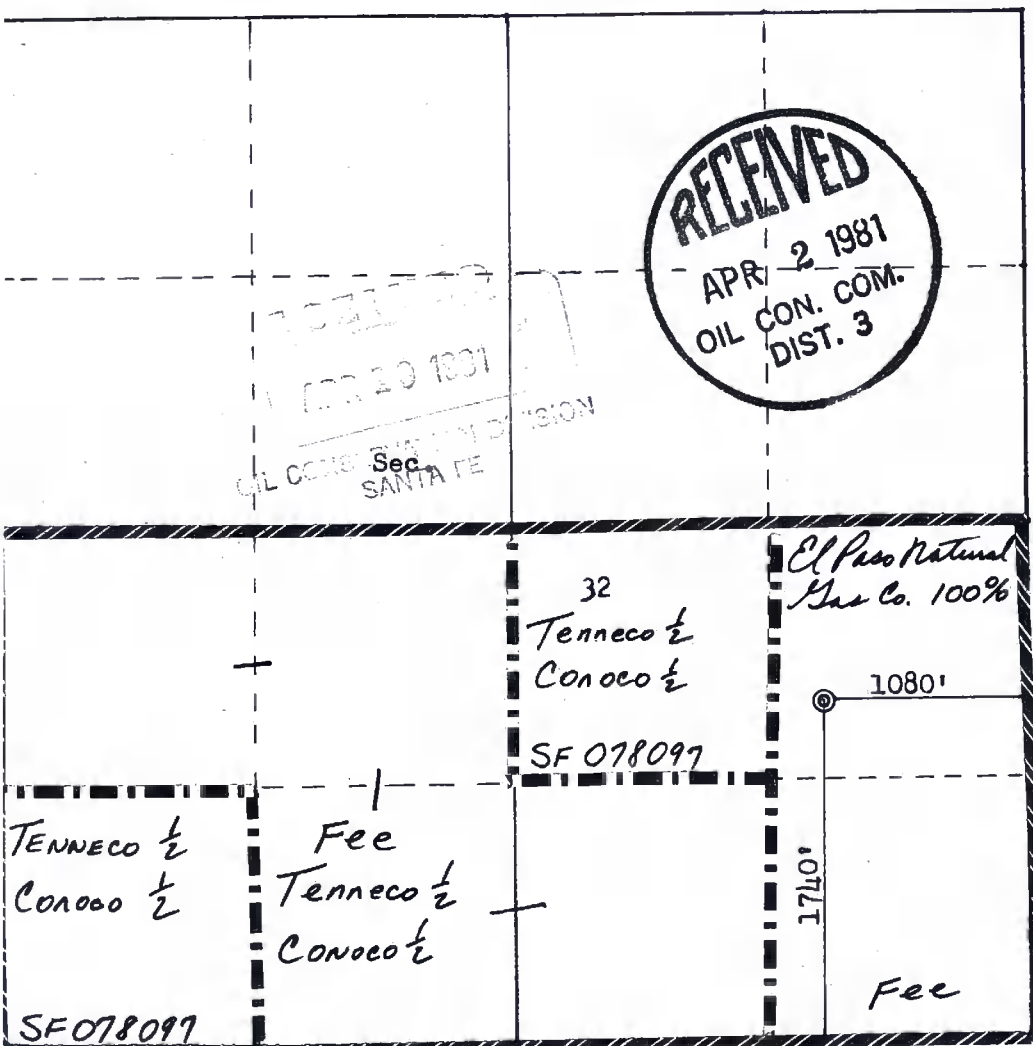
Operator TENNECO OIL COMPANY		Lease YEAGER COM "A"		Well No. 1
Unit Letter I	Section 32	Township 31N	Range 11W	County San Juan
Actual Footage Location of Well: 1740 feet from the South line and 1080 feet from the East line				
Ground Level Elev. 5815	Producing Formation DAKOTA		Pool BASIN DAKOTA	Dedicated Acreage: 320 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.

R. A. Fisher
Name

Position

Company

Date

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

December 14, 1980
Registered Professional Engineer
and Land Surveyor

John H. Kerr, Jr.
No. *1000*
KERR, JR.

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/19/02 09:03:05
OGOMES -TPEY
PAGE NO: 1

Sec : 32 Twp : 31N Rng : 11W Section Type : NORMAL

D 40.00 Fee owned	C 40.00 Fee owned	B 40.00 Fee owned C A	A 40.00 CS E00397 0002 SOUTHLAND ROYALTY C 06/11/55
E 40.00 Fee owned	F 40.00 Fee owned A A	G 40.00 Federal owned C A	H 40.00 CS E00397 0002 SOUTHLAND ROYALTY C 06/11/55

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/19/02 09:03:10
OGOMES -TPEY
PAGE NO: 2

Sec : 32 Twp : 31N Rng : 11W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Fee owned	Fee owned	Federal owned C A	Fee owned C A
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned A	Fee owned	Fee owned C	Fee owned C

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD : ONGARD 11/19/02 09:03:25
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEY

API Well No : 30 45 24988 Eff Date : 07-17-1994 WC Status : P
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 669 HEATON COM LS

Well No : 009A
GL Elevation: 5815

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: I	32	31N	11W	FTG 1740 F S	FTG 1080 F E	P
Lot Identifier:							
Dedicated Acre:							
Lease Type	: P						
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O)	:						

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 11/19/02 09:03:38
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY
Page No : 1

API Well No : 30 45 24988 Eff Date :
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
Prop Idn : Well No :
Spacing Unit : OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : Acreage : Revised C102? (Y/N) :
Dedicated Land:

S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn

E6914: WC has been plugged & abandoned

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 11/19/02 09:03:51
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prodn. MM/YY	Days Prod	Production Volumes			Well Stat
						Gas	Oil	Water	
30	45	24988	YEAGER COM A	01 93	27	343	2	1	F
30	45	24988	YEAGER COM A	02 93	26	442	2	1	F
30	45	24988	YEAGER COM A	03 93	31	676	3	1	F
30	45	24988	YEAGER COM A	04 93	30	805	7	2	F
30	45	24988	YEAGER COM A	05 93	31	812	5	2	F
30	45	24988	YEAGER COM A	06 93	30	613	6	2	F
30	45	24988	YEAGER COM A	07 93	31	915	5	2	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

```
PF01 HELP      PF02      PF03 EXIT      PF04 GoTo      PF05      PF06 CONFIRM
PF07 BKWD      PF08 FWD    PF09      PF10 NXTPOOL PF11 NXTOGD PF12
```

CMD : ONGARD 11/19/02 09:03:54
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes		Well
				MM/YY	Prod	Gas	Oil	Water Stat
30	45	24988	YEAGER COM A	08 93	31	479	4	1 F
30	45	24988	YEAGER COM A	09 93	30	546	5	2 F
30	45	24988	YEAGER COM A	10 93	31	719		3 F
30	45	24988	YEAGER COM A	11 93	30	553	15	5 F
30	45	24988	YEAGER COM A	12 93	28	426	8	3 F
30	45	24988	YEAGER COM A	01 94	31	323		3 F
30	45	24988	YEAGER COM A	02 94	28	378	7	2 F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:03:56
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes		Well
				MM/YY	Prod	Gas	Oil	Water Stat
30	45	24988	YEAGER COM A	03	94	27	615	1 F
30	45	24988	YEAGER COM A	04	94	26	157	2 1 F
30	45	24988	YEAGER COM A	05	94	12	153	3 1 F
30	45	24988	YEAGER COM A	06	94			S
30	45	24988	YEAGER COM A	07	94		57	S
30	45	24988	HEATON COM LS	01	95			S
30	45	24988	HEATON COM LS	02	95			S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

Reporting Period Total (Gas, Oil) :	9012	75	32
-------------------------------------	------	----	----

```
PF01 HELP      PF02          PF03 EXIT      PF04 GoTo      PF05
PF07 BKWD      PF08 FWD      PF09          PF10 NXTPOOL PF11 NXTOGD  PF12
```

CMD : ONGARD 11/19/02 09:03:58
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	10 95		S

Reporting Period Total (Gas, Oil) : 9012 75 32

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:07
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPEY

API Well No : 30 45 24988 Eff Date : 04-02-1981 WC Status : A
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 669 HEATON COM LS

Well No : 009A
GL Elevation: 5815

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : I	32	31N	11W	FTG 1740	F S	FTG 1080	F E P

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : P
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 11/19/02 09:04:11
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY
Page No : 1

API Well No : 30 45 24988 Eff Date : 04-02-1981
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
Prop Idn : 669 HEATON COM LS Well No : 009A
Spacing Unit : 45884 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : 32 31N 11W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I			32	31N	11W	40.00	N	FE		
J			32	31N	11W	40.00	N	FD		
K			32	31N	11W	40.00	N	FE		
L			32	31N	11W	40.00	N	FE		
M			32	31N	11W	40.00	N	FD		
N			32	31N	11W	40.00	N	FE		
O			32	31N	11W	40.00	N	FE		
P			32	31N	11W	40.00	N	FE		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD : ONGARD 11/19/02 09:04:23
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	09 94		A
30 45 24988	HEATON COM LS	10 94		A
30 45 24988	HEATON COM LS	11 94		A
30 45 24988	HEATON COM LS	12 94		A
30 45 24988	HEATON COM LS	03 95 25		S
30 45 24988	HEATON COM LS	04 95		S
30 45 24988	HEATON COM LS	05 95		S

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:26
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes			Well
				MM/YY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON COM LS	06	95				S
30	45	24988	HEATON COM LS	07	95				S
30	45	24988	HEATON COM LS	08	95				S
30	45	24988	HEATON COM LS	09	95				S
30	45	24988	HEATON COM LS	10	95				S
30	45	24988	HEATON COM LS	11	95				S
30	45	24988	HEATON COM LS	12	95				S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:27
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	01 96		S
30 45 24988	HEATON COM LS	02 96		S
30 45 24988	HEATON COM LS	03 96		S
30 45 24988	HEATON COM LS	04 96		S
30 45 24988	HEATON COM LS	05 96		S
30 45 24988	HEATON COM LS	06 96		S
30 45 24988	HEATON COM LS	07 96		S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:28
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	08 96		S
30 45 24988	HEATON COM LS	09 96		S
30 45 24988	HEATON COM LS	10 96		S
30 45 24988	HEATON COM LS	11 96		S
30 45 24988	HEATON COM LS	12 96		S
30 45 24988	HEATON COM LS	01 97 31	4193	S
30 45 24988	HEATON COM LS	02 97 28	1930	S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:29
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	03 97	31	3592			S
30 45 24988	HEATON COM LS	04 97	30	2375			S
30 45 24988	HEATON COM LS	05 97	31	2309			S
30 45 24988	HEATON COM LS	06 97	30	1764			F
30 45 24988	HEATON COM LS	07 97	26	1550			F
30 45 24988	HEATON COM LS	08 97	31	2135	7		F
30 45 24988	HEATON COM LS	09 97	30	2402			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:31
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 6

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	10 97 31	2572	F
30 45 24988	HEATON COM LS	11 97 30	2379 5	F
30 45 24988	HEATON COM LS	12 97		S
30 45 24988	HEATON COM LS	01 98		S
30 45 24988	HEATON COM LS	02 98		S
30 45 24988	HEATON COM LS	03 98		S
30 45 24988	HEATON COM LS	04 98		S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:32
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 7

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes			Well
				MM/YY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON COM LS	05	98				S
30	45	24988	HEATON COM LS	06	98				S
30	45	24988	HEATON COM LS	07	98				S
30	45	24988	HEATON COM LS	08	98				S
30	45	24988	HEATON COM LS	09	98				S
30	45	24988	HEATON COM LS	10	98				S
30	45	24988	HEATON COM LS	11	98				S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:33
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 8

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	12 98		S
30 45 24988	HEATON COM LS	01 99		S
30 45 24988	HEATON COM LS	02 99		S
30 45 24988	HEATON COM LS	03 99		S
30 45 24988	HEATON COM LS	04 99		S
30 45 24988	HEATON COM LS	05 99		S
30 45 24988	HEATON COM LS	06 99		S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:34
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 9

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes			Well
				MM/YY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON COM LS	07	99				S
30	45	24988	HEATON COM LS	08	99				S
30	45	24988	HEATON COM LS	09	99				S
30	45	24988	HEATON COM LS	10	99				S
30	45	24988	HEATON COM LS	11	99				S
30	45	24988	HEATON COM LS	12	99				S
30	45	24988	HEATON COM LS	01	00				S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:04:35
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 10

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	02	00				S
30 45 24988	HEATON COM LS	03	00				S
30 45 24988	HEATON COM LS	08	00				S
30 45 24988	HEATON COM LS	09	00				S

Reporting Period Total (Gas, Oil) : 27201 12

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:11
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEY

API Well No : 30 45 24988 Eff Date : 07-17-1994 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 669 HEATON COM LS

Well No : 009A
GL Elevation: 5815

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : I	32	31N	11W	FTG 1740	F S	FTG 1080	F E P

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : P
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 11/19/02 09:05:14
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY
 Page No : 1

API Well No : 30 45 24988 Eff Date : 04-30-1991
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 669 HEATON COM LS Well No : 009A
 Spacing Unit : 33165 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : 32 31N 11W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	32	31N	11W	40.00	N	ST				
B	32	31N	11W	40.00	N	FE				
G	32	31N	11W	40.00	N	FD				
H	32	31N	11W	40.00	N	ST				
I	32	31N	11W	40.00	N	FE				
J	32	31N	11W	40.00	N	FD				
O	32	31N	11W	40.00	N	FE				
P	32	31N	11W	40.00	N	FE				

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 11/19/02 09:05:24
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	08 94	21				F
30 45 24988	HEATON COM LS	09 94	25		102		F
30 45 24988	HEATON COM LS	10 94	31	8757	56		F
30 45 24988	HEATON COM LS	11 94	30	6334	40		F
30 45 24988	HEATON COM LS	12 94	31	5552	4		F
30 45 24988	HEATON COM LS	01 95	31	4195	31		F
30 45 24988	HEATON COM LS	02 95	28	4853	23		F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:27
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	03 95	26	2677	14		F
30 45 24988	HEATON COM LS	04 95	30	1029	5		F
30 45 24988	HEATON COM LS	05 95	31	5108	22		F
30 45 24988	HEATON COM LS	06 95	30	2515	10		F
30 45 24988	HEATON COM LS	07 95	31	4061	12		F
30 45 24988	HEATON COM LS	08 95	31	2995	10		F
30 45 24988	HEATON COM LS	09 95	30	4409	18		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:28
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	10 95 25	3665 26	F
30 45 24988	HEATON COM LS	11 95 30	2787	F
30 45 24988	HEATON COM LS	12 95 31	821	F
30 45 24988	HEATON COM LS	01 96 31		F
30 45 24988	HEATON COM LS	02 96 29	33	F
30 45 24988	HEATON COM LS	03 96 31	3053	F
30 45 24988	HEATON COM LS	04 96 30	6723 19	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:30
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes			Well
				MM/YY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON COM LS	05 96	31	4519			F
30	45	24988	HEATON COM LS	06 96	30	3856			F
30	45	24988	HEATON COM LS	07 96	31	3581			F
30	45	24988	HEATON COM LS	08 96	31	3249			F
30	45	24988	HEATON COM LS	09 96	25	2873			F
30	45	24988	HEATON COM LS	10 96	31	3013			F
30	45	24988	HEATON COM LS	11 96	30	2609			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:31
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod. Days		Production Volumes		Well
				MM/YY	Prod	Gas	Oil	Water Stat
30	45	24988	HEATON COM LS	12	96 31	2694		F
30	45	24988	HEATON COM LS	12	97 31	2668		F
30	45	24988	HEATON COM LS	01	98 31	4792		F
30	45	24988	HEATON COM LS	02	98 28	2705	3	F
30	45	24988	HEATON COM LS	03	98 31	2057		F
30	45	24988	HEATON COM LS	04	98 30	1943		F
30	45	24988	HEATON COM LS	05	98 31	2383		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:32
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 6

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod.	Days	Production Volumes	Well
		MM/YY	Prod	Gas Oil Water	Stat
30 45 24988	HEATON COM LS	06 98	30	1951	F
30 45 24988	HEATON COM LS	07 98	29	2354	F
30 45 24988	HEATON COM LS	08 98	25	2509	F
30 45 24988	HEATON COM LS	09 98	30	2859	F
30 45 24988	HEATON COM LS	10 98	31	2977	F
30 45 24988	HEATON COM LS	11 98	30	2501	F
30 45 24988	HEATON COM LS	12 98	31	2600	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:34
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 7

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	01 99 31	2710 25	F
30 45 24988	HEATON COM LS	02 99 28	2401 2	F
30 45 24988	HEATON COM LS	03 99 31	2604 2	F
30 45 24988	HEATON COM LS	04 99 30	2550 11	F
30 45 24988	HEATON COM LS	05 99 31	2606 5	F
30 45 24988	HEATON COM LS	06 99 30	2420 4	F
30 45 24988	HEATON COM LS	07 99 11	2197 10	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:35
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 8

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	08 99 31	2758 5	F
30 45 24988	HEATON COM LS	09 99 30	2399 8	F
30 45 24988	HEATON COM LS	10 99 31	2421	F
30 45 24988	HEATON COM LS	11 99 27	2339	F
30 45 24988	HEATON COM LS	12 99 31	2317	F
30 45 24988	HEATON COM LS	01 00 31	2125 5	F
30 45 24988	HEATON COM LS	02 00 29	2033 9	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:36
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 9

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24988	HEATON COM LS	03 00 31	2200 8	F
30 45 24988	HEATON COM LS	04 00 30	2160 8	F
30 45 24988	HEATON COM LS	05 00 31	2285 1	F
30 45 24988	HEATON COM LS	06 00 30	2201 8	F
30 45 24988	HEATON COM LS	07 00 31	2283 3	F
30 45 24988	HEATON COM LS	08 00 31	2277	F
30 45 24988	HEATON COM LS	09 00 30	2181 10	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:37
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 10

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes		Well
		MM/YY	Prod	Gas	Oil	
30 45 24988	HEATON COM LS	10 00	31	2154	4	F
30 45 24988	HEATON COM LS	11 00	30	2031	5	F
30 45 24988	HEATON COM LS	12 00	31	2016	5	F
30 45 24988	HEATON COM LS	01 01	31	2012	5	F
30 45 24988	HEATON COM LS	02 01	28	1029	5	F
30 45 24988	HEATON COM LS	03 01	31	1859		F
30 45 24988	HEATON COM LS	04 01	30	1743		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:39
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 11

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	05 01	31	2203			F
30 45 24988	HEATON COM LS	06 01	30	2090			F
30 45 24988	HEATON COM LS	07 01	31	2546	2		F
30 45 24988	HEATON COM LS	08 01	27	2341			F
30 45 24988	HEATON COM LS	09 01	30	2529	13		F
30 45 24988	HEATON COM LS	10 01	31	2403	2		F
30 45 24988	HEATON COM LS	11 01	30	2231	5		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:40
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 12

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No			Property Name	Prod.	Days	Production Volumes	Well
				MM/YY	Prod	Gas Oil Water	Stat
30	45	24988	HEATON COM LS	12 01	31	2258 5	F
30	45	24988	HEATON COM LS	01 02	31	2165 3	F
30	45	24988	HEATON COM LS	02 02	28	1988	F
30	45	24988	HEATON COM LS	03 02	31	2072 4	F
30	45	24988	HEATON COM LS	04 02	30	2019	F
30	45	24988	HEATON COM LS	05 02	31	2123 3	F
30	45	24988	HEATON COM LS	06 02	30	2076 1	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/19/02 09:05:41
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
 Page No: 13

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 45 24988	HEATON COM LS	07 02	31	2140			F
30 45 24988	HEATON COM LS	08 02	31	2073			F

Reporting Period Total (Gas, Oil) : 227795 614

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

on non-Federal residential buildings are also relevant to a building energy standard for Federal residences because the comments address issues of feasibility and cost-effectiveness. These and any future comments on the non-Federal residential standards will be given serious consideration for potential applicability to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington, DC August 5, 1993.

Robert L. San Martin,

Acting Assistant Secretary, Energy Efficiency and Renewable Energy.

[FR Doc. 93-19409 Filed 8-11-93; 8:45 am]

BILLING CODE 6340-01-P

Federal Energy Regulatory Commission

[Docket No. JD93-13529T New Mexico-48]

United States Department of the Interior, Bureau of Land Management; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

August 6, 1993.

Take notice that on July 30, 1993, the United States Department of the Interior's Bureau of Land Management (BLM) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Mesaverde Group underlying certain lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application covers approximately 480,076 acres, more or less, and consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands. The recommended area is described on the attached appendix.

The notice of determination also contains BLM's and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Mesaverde Group meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and

275.204, within 20 days after the date this notice is issued by the Commission. Linwood A. Watson, Jr.,
Acting Secretary.

Appendix

TOWNSHIP 27 NORTH, RANGE 7 WEST

Sections 1-12: All

Section 15: W/2

Sections 16-21: All

Section 22: W/2

Section 27: NW/4

Section 28: N/2

Sections 29-30: All

TOWNSHIP 27 NORTH, RANGE 8 WEST

Sections 1-36: All

TOWNSHIP 28 NORTH, RANGE 7 WEST

TOWNSHIP 28 NORTH, RANGE 8 WEST

TOWNSHIP 28 NORTH, RANGE 9 WEST

TOWNSHIP 28 NORTH, RANGE 10 WEST

Sections 7-36: All (Irregular Township)

TOWNSHIP 29 NORTH, RANGE 7 WEST

TOWNSHIP 29 NORTH, RANGE 8 WEST

TOWNSHIP 29 NORTH, RANGE 9 WEST

TOWNSHIP 29 NORTH, RANGE 10 WEST

TOWNSHIP 29 NORTH, RANGE 11 WEST

TOWNSHIP 30 NORTH, RANGE 7 WEST

TOWNSHIP 30 NORTH, RANGE 8 WEST

TOWNSHIP 30 NORTH, RANGE 9 WEST

TOWNSHIP 30 NORTH, RANGE 10 WEST

TOWNSHIP 30 NORTH, RANGE 11 WEST

Sections 1-36: All

TOWNSHIP 31 NORTH, RANGE 6 WEST

Sections 6-7: All

Sections 18-19: All

Section 30: All

TOWNSHIP 31 NORTH, RANGE 7 WEST

TOWNSHIP 31 NORTH, RANGE 8 WEST

TOWNSHIP 31 NORTH, RANGE 9 WEST

TOWNSHIP 31 NORTH, RANGE 10 WEST

TOWNSHIP 31 NORTH, RANGE 11 WEST

Sections 1-36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST

TOWNSHIP 32 NORTH, RANGE 11 WEST

Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93; 8:45 am]

BILLING CODE 6717-01-M

NM-48
Final on 13 Sep 93
OK

480,076 acres.
MU Group

NM-1813-92

energy, DOE.

Oil Energy of
gives notice
granting
(NGC)
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to Canada
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to import a
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to 130 Bcf of
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inspection
of Fuels
-056,
dependence
DC 20585,
room is



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

New Mexico State Office

1474 Rodeo Rd.

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

3160 (921)

NGPA Location: 435 Montano Road NE, Albuquerque, NM 87107-4935

CERTIFIED MAIL NO. P 071 878 823
RETURN RECEIPT REQUESTED

July 26, 1993

Marilyn L. Rand, Director
Division of Producer Regulation
Federal Energy Regulatory Commission
825 North Capitol Street NE
Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Mesaverde formation underlying the following described lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool located in San Juan and Rio Arriba Counties, New Mexico, as a tight formation, BLM Docket No. NM-1813-92, under Section 107 of the NGPA:

Township 27 North, Range 7 West, NMPM

Sections 1 through 12: All
Section 15: W 1/2
Sections 16 through 21: All
Section 22: W 1/2
Section 27: NW 1/4
Section 28: N 1/2
Sections 29 and 30: All

Township 27 North, Range 8 West, NMPM

Sections 1 through 36: All

Township 28 North, Range 7 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 8 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 9 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 10 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 29 North, Range 7 West, NMPM

Sections 1 through 36: All

Township 29 North, Range 8 West, NMPM

Sections 1 through 36: All

Township 29 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 29 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 29 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 7 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 8 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 6 West, NMPM
Sections 6 and 7: All
Sections 18, 19 and 30: All

Township 31 North, Range 7 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 8 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 32 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 32 North, Range 11 West, NMPM
Sections 1 through 36: All

The total area encompasses 480,076 acres, more or less, occupying 750 square miles of the north central San Juan Basin located in San Juan and Rio Arriba Counties, New Mexico. The designated area consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands.

The applicant is Amoco Production Company, Southern Rockies Business Unit, P. O. Box 800, Denver, Colorado 80201. The application was prepared by Rose Exploration, Inc., 518 17th Street, Suite 740, Denver, Colorado 80202.

Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Mesaverde formation will not adversely affect or impair any fresh water aquifers.

The estimated average in-situ gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Mesaverde formation, without stimulation, is not expected to exceed the maximum production rate contained in the FERC tight formation guidelines.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. This incentive no longer applies as the purpose of this tight formation area designation is to obtain IRS Section 29 tax credits.

The applicant does not seek to qualify gas produced from the tight formation for the incentive price.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division. The exhibits and other documentation are enclosed. The BLM Tight Formation Review and Technical Report is enclosed.

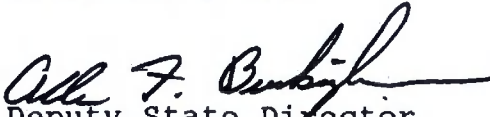
Included with this designation is a letter dated July 26, 1993, from the Chief Hearing Officer/Engineer, New Mexico Oil Conservation Division signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC State No. (NM-__) assigned to this tight formation be included.

Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765 or FAX (505) 761-8911.

Sincerely yours,


for Deputy State Director
Lands and Minerals

Enclosures

cc:

Amoco Production Company (J. W. Hawkins) (w/BLM Tech Rept)
Rose Exploration, Inc. (Mike Wynne) (w/BLM Tech Rept)
New Mexico Oil Conservation Div. (Michael Stogner) (w/BLM Tech Rept)
NM-921 (Steve Salzman)
NM-011 (Tom Hewitt/NGPA Liaison)

Stogner, Michael

To: Mary Corley (E-mail); Marilyn Rand (E-mail); Marilyn Rand (FERC-DC) (E-mail)
Subject: NGPA Well Determinations

November 25, 2002

Re: Applications for NGPA Section 107 well category determinations: (i) Bunce Com. Well No. 1 (API No. 30-045-24431) filed September 19, 2001 for tight formation gas, approved by the Division on November 18, 2002 as TF-02-004; (ii) Gallegos Canyon Unit Well No. 506 (API No. 30-045-28067) filed September 19, 2001 for tight formation gas, approved by the Division on November 18, 2002 as TF-02-005; (iii) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed September 19, 2001 for occluded coal seam gas, approved by the Division on November 19, 2002 as CS-02-002; (iv) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed September 19, 2001 for tight formation gas, approved by the Division on November 19, 2002 as TF-02-006; and (v) Gallegos Canyon Unit Well No. 323 (API No. 30-045-24615) filed on September 19, 2001 for occluded coal seam gas, approved by the Division on November 20, 2002 as CS-02-003.

Ms. Corley,

The five above-described NGPA well determination filings were recently processed by the Division and subsequently submitted to the FERC for final review. I however just realized that these applications did not contain the required FERC Form-121 (see attachment). I suggest you complete and submit them to Ms. Marilyn Rand with the FERC in Washington directly (see address below). Please provide me a xeric copy so that my copy of these applications will also be complete. I apologize for this inconvenience.

I am also sending you a hard copy of this e-mail in case there is a problem in its transmission.

Office of the Secretary
Federal Energy Regulatory Commission
Attention: Marilyn Rand
888 First Street, N.E.
Washington, DC 20426



FERC Form-121.pdf

A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 ___ occluded natural gas from coal seams.
A2 ___ natural gas from Devonian shale.
A3 ___ natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.*
2. Completed in (Name of Reservoir) *
3. Field *
4. County *
5. State *
6. API Well No. (14 digits maximum. If not assigned, leave blank.)

9. Measured Depth of the Completed Interval (in feet)
TOP _____ BASE _____

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

1. Applicant's Name *
2. Street *
3. City *
4. State* 5. Zip Code
6. Name of Person Responsible *
7. Title of Such Person *
8. Signature _____ and Phone No. ()

* SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

Attachment 2-2 _

(1/2000)

FERC Form-121 Federal Energy Regulatory Commission Form Approved
Washington D.C. **OMB No. 1902-0038**
(Expires 9/30/03)

APPLICATION FOR DETERMINATION

GENERAL INSTRUCTIONS

- 1. Purpose:** This form is to be used to provide basic data on each application for a well category determination that is filed with a Jurisdictional Agency to qualify the natural gas produced from such well as (a) occluded natural gas produced from coal seams, under section 107(c)(3) of the Natural Gas Policy Act of 1978 [15 U.S.C. 3301] (NGPA), (b) natural gas produced from Devonian shale, under section 107(c)(4) of the NGPA, or (c) natural gas produced from a designated tight formation, under section 107(c)(5) of the NGPA, in order to substantiate the eligibility of such natural gas for a tax credit under Section 29 of the Internal Revenue Code. The Commission will use this data, together with the other information contained in the Jurisdictional Agency's notice of determination, to evaluate whether substantial evidence exists to support the determination.
- 2. Who must submit:** Anyone who files an application with a Jurisdictional Agency identified under Section 270.401 of the Commission's Regulations for a well category determination.
- 3. What and where to submit:** The original of this form, and all of the information required by Section 270.302, 270.303, 270.304, or 270.306 of the Commission's Regulations must be filed with the Jurisdictional Agency. The Jurisdictional Agency making a determination must file the original of this form, with all of the other information required under the applicable Commission Regulations, with the **Office of the Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426.** Applicants should retain one copy of each completed form for their files for 4 years.
- 4. These are mandatory filing requirements.**
- 5. The data on this form are not considered confidential and will not be treated as such.**
- 6. Where to send comments on the public reporting burden:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any aspect of this collection of information, including suggestions for reducing this burden, to the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426 (Attention: Mr. Michael Miller, CI-1) and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). Persons subject to providing this information will not be penalized for failing to respond to these collections of information unless the collection of information displays a valid OMB control number.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
BETTY RIVERA
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

November 20, 2002

Office of the Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426
Attn: Marilyn Rand

RE: Amoco Production Company
Heaton Gas Com LS No. 9A – Coal Seam Formation Gas
Heaton Gas Com LS No. 9A – Tight Formation Gas

Ms. Rand:

Enclosed are your copies of the approved NGPA applications for the above applicant.

Sincerely,

A handwritten signature in cursive script that reads "Kathy Valdes".

Kathy Valdes

Enclosures

TF-02-006

Form C-132 - Revised 10/1/86

State of New Mexico

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

2040 Boonville St.

Santa Fe, NM 87505

1220 South St. Francis Dr.

FOR DIVISION USE ONLY:		APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
APPROPRIATE FILING FEE(S) ENCLOSED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		- FILING FEE(S) - Effective October 1, 1986, a non-refundable filing fee of \$25.00 per category for each application is mandatory. (Rule 2, Order No. R-5878-8-3)		5. State Oil & Gas Lease No.	
DATE COMPLETE APPLICATION FILED <u>Sept. 19, 2001</u>					
DATE DETERMINATION MADE <u>Nov. 19, 2002</u>				7. Unit Agreement Name	
WAS APPLICATION CONTESTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				8. Farm or Lease Name Heaton Gas Com LS	
NAME(S) OF INTERVENORS(S), IF ANY: <u>NA</u>				9. Well No. 9A	
2. Name of Operator Amoco Production Company				10. Field and Pool, or Wildcat Blanco Mesaverde	
3. Address of Operator P.O. Box 3092 Houston TX 77253				12. County San Juan	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1740</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>1080</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>32</u> TWS. <u>31N</u> RGE. <u>11W</u> NMPM					
11. Name and Address of Purchaser(s) El Paso Field Services					

Check appropriate box for category sought and information submitted. Enter required information on lines 1 and 2, below.

1. Category(ies) sought (By NGPA Section No.)
2. Filing Fee(s) Amount Enclosed \$ 25.00
3. All applications must contain:
 - a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
 - b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
 - c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
 - d. AFFIDAVITS OF MAILING OR DELIVERY
4. In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Rules of Applications for Wellhead Price Ceiling Category Determinations" as follows:
 - A. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile or 1000 Feet Deeper Test)
 ☐ All items required by Rule 14 (1) and/or Rule 14 (2)
 - B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)
 ☐ All items required by Rule 15
 - C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103
 ☐ All items required by Rule 16a OR Rule 16B
 - D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103
 ☒ All items required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule 17 (5)
 - E. STRIPPER WELL NATURAL GAS UNDER SEC. 108
 ☐ All items required by Rule 18

I, HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

Mary Corley

NAME OF APPLICANT (TYPE OR PRINT)

SIGNATURE OF APPLICANT

Title **Senior Regulatory Analyst**Date **September 5, 2001**

FOR DIVISION USE ONLY

- ☒ Approved
☐ Disapproved

The information contained herein includes all of the information required
to be filed by the applicant under Subpart 8 of Part 274 of the FERC
regulation

EXAMINER

API No. 30-045-24988

Stogner, Michael*TF-02-006*

From: Marc Poole [Marc.Poole@ferc.gov]
Sent: Tuesday, December 10, 2002 7:38 AM
To: mstogner@state.nm.us
Subject: Five NGPA determinations without Form 121s...

Some time ago, we received 19 filings from your office, including the five filings listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
(1) Gallegos Canyon Unit #323	Fruitland Coal	A1 coal seam gas
(2) Heaton Gas Com LS #9A	Fruitland Coal	A1 coal seam gas
(3) Heaton Gas Com LS #9A	Mesaverde	A3 tight formation gas
(4) Bunce Com #1	Mesaverde	A3 tight formation gas
(5) Gallegos Canyon Unit #506	Pictured Cliffs	A3 tight formation gas

However, none of them have the required Form 121. In view of this, we did not assign FERC JD numbers to them; so, they have not (as yet) been officially received and docketed.

Recently, we received a copy of your letter to Amoco Production Company notifying Amoco that you cannot approve their Gallegos Canyon Unit #323 tight formation gas application because the well is not located within the designated tight formation area. There is a hand-written note (on your letter to Amoco) dated 12/02/02, and signed by a Ms. Cherry Hlava. Ms. Hlava requests the withdrawal of the GCU #323 tight formation gas application. Also attached are four Form 121s, for the two wells listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
Gallegos Canyon Unit #506	Pictured Cliffs	A3 tight formation gas ...2 copies
Gallegos Canyon Unit #323	Fruitland Coal	A1 coal seam gas ...2 copies

Thus, at this point in time, we have received the required Form 121s for filings (1) and (5) above, but we are still missing the Form 121s for filings (2), (3), and (4) above. In view of this, we will consider filings (1) and (5) above to be officially received and assign an FERC JD number to each. However, for filings (2), (3), and (4) above, we will not assign FERC JD numbers to them and they will not be considered to be officially received until we receive the required Form 121s for those three filings. If you have any questions, please call me at (202) 502-8482.

Marc F. Poole

12/10/2002

Stogner, Michael

TF-02-006

From: Stogner, Michael
Sent: Tuesday, December 10, 2002 9:01 AM
To: Mary Corley (E-mail)
Subject: FW: Five NGPA determinations without Form 121s...

Ms. Corley,

I am forwarding the following e-mail message from Marc Poole to you as it relates to Amoco's: (i) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed Sept. 19, 2001 for occluded coal seam gas, approved by the Division on Nov. 19, 2002 as CS-02-002; (ii) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed Sept. 19, 2001 for tight formation gas, approved by the Division on Nov. 19, 2002 as TF-02-006; and (iii) Bunce Com. Well No. 1 (API No. 30-045-24431) filed Sept. 19, 2001 for tight formation gas, approved by the Division on Nov. 18, 2002 as TF-02-004.

I again request that you provide me a copy of the Form 121 for each well so that my copies will be complete. Thank you.

-----Original Message-----

From: Marc Poole [mailto:Marc.Poole@ferc.gov]
Sent: Tuesday, December 10, 2002 7:38 AM
To: mstogner@state.nm.us
Subject: Five NGPA determinations without Form 121s...

Some time ago, we received 19 filings from your office, including the five filings listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
(1) Gallegos Canyon Unit #323	Fruitland Coal	A1 coal seam gas
(2) Heaton Gas Com LS #9A	Fruitland Coal	A1 coal seam gas
(3) Heaton Gas Com LS #9A	Mesaverde	A3 tight formation gas
(4) Bunce Com #1	Mesaverde	A3 tight formation gas
(5) Gallegos Canyon Unit #506	Pictured Cliffs	A3 tight formation gas

However, none of them have the required Form 121. In view of this, we did not assign FERC JD numbers to them; so, they have not (as yet) been officially received and docketed.

Recently, we received a copy of your letter to Amoco Production Company notifying Amoco that you cannot approve their Gallegos Canyon Unit #323 tight formation gas application because the well is not located within the designated tight formation area. There is a hand-written note (on your letter to Amoco) dated 12/02/02, and signed by a Ms. Cherry Hlava. Ms. Hlava requests the withdrawal of the GCU #323 tight formation gas application. Also attached are four Form 121s, for the two wells listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
-------------	------------------	-----------------

12/10/2002

Gallegos Canyon Unit #506 Pictured Cliffs A3 tight formation gas ...2 copies

Gallegos Canyon Unit #323 Fruitland Coal A1 coal seam gas ...2 copies

Thus, at this point in time, we have received the required Form 121s for filings **(1)** and **(5)** above, but we are still missing the Form 121s for filings **(2)**, **(3)**, and **(4)** above. In view of this, we will consider filings **(1)** and **(5)** above to be officially received and assign an FERC JD number to each. However, for filings **(2)**, **(3)**, and **(4)** above, we will not assign FERC JD numbers to them and they will not be considered to be officially received until we receive the required Form 121s for those three filings. If you have any questions, please call me at (202) 502-8482.

Marc F. Poole

Stogner, Michael

From: Marc Poole [Marc.Poole@ferc.gov]
Sent: Friday, December 13, 2002 8:03 AM
To: mstogner@state.nm.us
Cc: corleym1@bp.com
Subject: Determinations without Form 121s...

Consistent with my earlier e-mail message, and in light of the fact that BP America Company has supplied two of the five missing Form 121s, I wanted to inform you that I have assigned a JD number to and added the Gallegos Canyon Unit #323 well's coal seam gas determination and the Gallegos Canyon Unit #506 tight formation gas determination to the Form 121 database, as part of Batch #40. As for the other three filings (the two filings for the Heaton Gas Com LS #9A well and the one filing for the Bunce Com #1 well), we are still waiting for the Form 121s.

Unrelated to the matter above, we received a tight formation gas determination for BP's Johnson Gas Com C #1E well. It has a Form 121. So, it has been assigned a JD number and added to the Form 121 database, as part of Batch #40.

3 wells without Form 121s...

Page 1 of 1

Stogner, Michael

From: Marc Poole [Marc.Poole@ferc.gov]
Sent: Tuesday, December 17, 2002 11:00 AM
To: mstogner@state.nm.us
Subject: 3 wells without Form 121s...

I wanted to let you know that we received the Form 121s for the Heaton Gas Com LS #9, Heaton Gas Com LS #9A and Bunce Com #1 wells from BP America Production Company's Mary Corley. Accordingly, I have assigned FERC JD numbers to these filings and they will become a part of the batch notice for Batch #40, which we will probably issue some time this week.

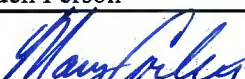
A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 ☐ occluded natural gas from coal seams.
 A2 ☐ natural gas from Devonian shale.
 A3 ☒ natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

- | | |
|--|-----------------------|
| 1. Well Name and No.* | Heaton Gas Com LS #9A |
| 2. Completed in (Name of Reservoir) * | Mesaverde |
| 3. Field * | Blanco Mesaverde |
| 4. County * | San Juan |
| 5. State * | New Mexico |
| 6. API Well No. (14 digits maximum. If not assigned, leave blank.) | 30-045-24988 |
| 9. Measured Depth of the Completed Interval (in feet) | |
| TOP 4565' | BASE 5669' |

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

- | | | |
|--|----------------------------------|-------------------|
| 1. Applicant's Name * | BP America Production Company | |
| 2. Street * | 501 Westlake Park BLVD | |
| 3. City * | Houston | |
| 4. State* | Texas | 5. Zip Code 77079 |
| 6. Name of Person Responsible * | Mary Corley | p |
| 7. Title of Such Person * | Senior Regulatory Analyst | |
| 8. Signature  | and Phone No. (281) 366 - 4491 | |

* SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

Stogner, Michael

TF-02-006

From: Corley, Mary L [corleyml@bp.com]
Sent: Tuesday, December 10, 2002 9:30 AM
To: 'Stogner, Michael'
Subject: RE: Five NGPA determinations without Form 121s...

Michael, attached for your reference are copies of the Forms for the ~~Heaton Gas Com~~
~~LS 9A - Mesaverde~~ and Fruitland Coal and the Bunce Com 1 - Mesaverde.

A copy of the signed Forms are being put in the mail today. Copies have already been forwarded to the attention of Marilyn Rand in Washington DC.

Thank you for your consideration in this matter.

Mary Corley
Senior Regulatory Analyst
San Juan Performance Unit
281-366-4491

-----Original Message-----

From: Stogner, Michael [mailto:MSTOGNER@state.nm.us]
Sent: Tuesday, December 10, 2002 10:01 AM
To: Corley, Mary L
Subject: FW: Five NGPA determinations without Form 121s...

Ms. Corley,

I am forwarding the following e-mail message from Marc Poole to you as it relates to Amoco's: (i) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed Sept. 19, 2001 for occluded coal seam gas, approved by the Division on Nov. 19, 2002 as CS-02-002; (ii) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed Sept. 19, 2001 for tight formation gas, approved by the Division on Nov. 19, 2002 as TF-02-006; and (iii) Bunce Com. Well No. 1 (API No. 30-045-24431) filed Sept. 19, 2001 for tight formation gas, approved by the Division on Nov. 18, 2002 as TF-02-004.

I again request that you provide me a copy of the Form 121 for each well so that my copies will be complete. Thank you.

-----Original Message-----

From: Marc Poole [mailto:Marc.Poole@ferc.gov]
Sent: Tuesday, December 10, 2002 7:38 AM
To: mstogner@state.nm.us
Subject: Five NGPA determinations without Form 121s...

Some time ago, we received 19 filings from your office, including the five filings listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
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- (1) Gallegos Canyon Unit #323 Fruitland Coal A1 coal seam gas
- (2) Heaton Gas Com LS #9A Fruitland Coal A1 coal seam gas
- (3) Heaton Gas Com LS #9A Mesaverde A3 tight formation gas
- (4) Bunce Com #1 Mesaverde A3 tight formation gas
- (5) Gallegos Canyon Unit #506 Pictured Cliffs A3 tight formation gas

However, none of them have the required Form 121. In view of this, we did not assign FERC JD numbers to them; so, they have not (as yet) been officially received and docketed.

Recently, we received a copy of your letter to Amoco Production Company notifying Amoco that you cannot approve their Gallegos Canyon Unit #323 tight formation gas application because the well is not located within the designated tight formation area. There is a hand-written note (on your letter to Amoco) dated 12/02/02, and signed by a Ms. Cherry Hlava. Ms. Hlava requests the withdrawal of the GCU #323 tight formation gas application. Also attached are four Form 121s, for the two wells listed below:

<u>Well</u>	<u>Reservoir</u>	<u>Category</u>
Gallegos Canyon Unit #506	Pictured Cliffs A3	tight formation gas ...2 copies
Gallegos Canyon Unit #323	Fruitland Coal	A1 coal seam gas ...2 copies

Thus, at this point in time, we have received the required Form 121s for filings (1) and (5) above, but we are still missing the Form 121s for filings (2), (3), and (4) above. In view of this, we will consider filings (1) and (5) above to be officially received and assign an FERC JD number to each. However, for filings (2), (3), and (4) above, we will not assign FERC JD numbers to them and they will not be considered to be officially received until we receive the required Form 121s for those three filings. If you have any questions, please call me at (202) 502-8482.

Marc F. Poole