



30-045-24615
NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
BETTY RIVERA
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 21, 2002

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

RE: **Amoco Production Company**
Gallegos Canyon Unit No. 323

Burlington Resources Oil & Gas Company
Johnston A No. 16
Magnum No. 1E
New Mexico B Com No. 1E
San Juan 29-5 Unit No. 218
Sategna No. 2E

Ms. Rand:

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

Sincerely,

Kathy Valdes

Enclosures

State of New Mexico

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

2040 Pacheco St. 1220 South St. Francis Dr.

Santa Fe, NM 87505

FOR DIVISION USE ONLY:

APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION

APPROPRIATE FILING FEE(S) ENCLOSED? YES [checked] NO
DATE COMPLETE APPLICATION FILED Sept. 19, 2001
DATE DETERMINATION MADE November 20, 2002
WAS APPLICATION CONTESTED? YES NO [checked]
NAME(S) OF INTERVENORS(S), IF ANY: NA

- 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)

5A. Indicate Type of Lease STATE [X] FEE []
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Gallegos Canyon Unit
9. Well No. 323
10. Field and Pool, or Wildcat Basin Fruitland Coal
12. County San Juan

2. Name of Operator Amoco Production Company
3. Address of Operator P.O. Box 3092 Houston TX 77253
4. Location of Well UNIT LETTER M LOCATED 1030 FEET FROM THE SOUTH LINE AND 860 FEET FROM THE WEST LINE OF SEC. 32 TWS. 29N RGE. 12W 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 Reules 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)
B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)
C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103
D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103
E. STRIPPER WELL NATURAL GAS UNDER SEC. 108

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)

Mary Corley SIGNATURE OF APPLICANT

Title Senior Regulatory Analyst

Date September 5, 2001

FOR DIVISION USE ONLY
[checked] 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. 30-045-24615

bp



**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 ~~Field Extension~~ *Coal Seam*
Gallegos Canyon Unit Well No. 323
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
COAL SEAM 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.

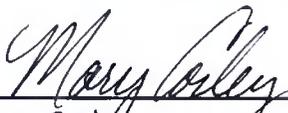
That production from the Gallegos Canyon Unit # 323 well, API No. 30-045-24615 is natural gas produced from a FERC designated coai seam formation through:

___ 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

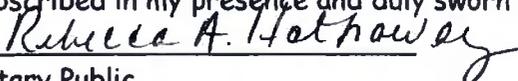
___ a recompletion commenced after December 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980; and

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



Mary Corley
Senior Regulatory Analyst

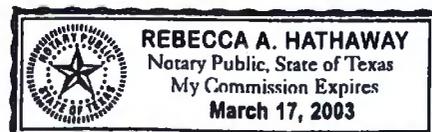
Subscribed in my presence and duly sworn to before me, this 29 day of August, 2001.



Notary Public

My Commission Expires:

BLM Affidavit



CHROMATOGRAPHIC GAS ANALYSIS REPORT GALLEGOS CANYON UNIT 323

	DRY BTU	SAT BTU	CO2 MOLE PERCENT	CO MOLE PERCENT	HE MOLE PERCENT	H2 MOLE PERCENT	H2S MOLE PERCENT	C1 MOLE PERCENT	C2 MOLE PERCENT	C3 MOLE PERCENT
1	1017	0	0.710	0	0	0	0	98.560	0.000	0.290
2	1010	992	0.779	0	0	0	0	98.648	0.432	0.044
3	1009	991	0.829	0	0	0	0	98.017	0.611	0.100
4	1020	1002	0.669	0	0	0	0	97.048	1.409	0.195

	IC4 MOLE PERCENT	NC4 MOLE PERCENT	IC5 MOLE PERCENT	NC5 MOLE PERCENT	C6 MOLE PERCENT	C7 MOLE PERCENT	C8 MOLE PERCENT	C9 MOLE PERCENT	C10 MOLE PERCENT	C11 MOLE PERCENT
1	0.050	0.080	0.030	0.020	0.070	0.000	0	0	0	0
2	0.000	0.000	0.000	0.000	0.004	0.000	0	0	0	0
3	0.000	0.016	0.000	0.000	0.014	0.000	0	0	0	0
4	0.037	0.042	0.017	0.010	0.044	0.000	0	0	0	0

	C12 MOLE PERCENT	N2 MOLE PERCENT	O2 MOLE PERCENT	WATER MOLE PERCENT	ARGON MOLE PERCENT	ANALYSIS ID	SAMPLE DATE	LAB ANALYSIS DATE	SPECIFIC GRAVITY	SAMPLE PRESSURE
1		0.190	0	0					0.5700	
2		0.093	0	0		970711703	24-Jul-97	25-Jul-97	0.5653	55
3		0.413	0	0		980700203	30-Jun-98	01-Jul-98	0.5690	48
4		0.529	0	0		900000610	01-Jun-99	02-Jun-99	0.5751	28

	SAMPLE TEMPT	TESTER USER ID
1		adacs
2	93	LR
3	98	dc
4	91	MM

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

27/1994

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION
 P.O. Box 10888
 Santa Fe, New Mexico 87504-2088
 NOV - 8 1994

WELL API NO. 30-045-24615

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.
 B11318

7. Lease Name or Unit Agreement Name
 Gallegos Canyon Unit

8. Well No.
 GCU 323

9. Pool name or Wildcat
 BASIN FRUITLAND COAL

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 DUFF RESVR OTHER _____

2. Name of Operator
 BHP PETROLEUM (AMERICAS) INC.

3. Address of Operator
 P.O. BOX 977 FARMINGTON, NM 87499

4. Well Location
 Unit Letter M : 1030 Feet From The SOUTH Line and 860 Feet From The WEST Line

Section 32 Township 29N Range 12W NMPM SAN JUAN County

10. Date Spudded 3-14-81	11. Date T.D. Reached 3-14-81	12. Date Compt. (Ready to Prod.) 5-14-94	13. Elevations (DF & RKB, RT, GR, etc.) 5622 GR	14. Elev. Casinghead
15. Total Depth 1630' KB	16. Plug Back T.D. 1497'	17. If Multiple Compt. How Many Zones?	18. Intervals Drilled By Rotary Tools 0 - 1630'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 1472' - 1490'				20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run GR/CNL			22. 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
7"	17#	125'	9-7/8"	65 sx "B" w/2% CACL 2 1/4# sx celloflake	
4-1/2"	10.5#	1622'	6-1/4"	200 sx 50/50poz W/2% del, 1/4#sx Flocele + 5% CFR-2	

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1475'	NO

26. Perforation record (interval, size, and number)
 1469' TO 1486' 90 deg. PHASING
 4 JSPF SHOOTING A .39" HOLE
 TOTAL 68 HOLES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1472' to 1490'	500 gal 15% HCL acid 25# CROSSLINK GEL, 55,000# 20/40 BRADY SAND

PRODUCTION

28. Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) SHUT IN

PUMPING

Date of Test 5-14-94	Hours Tested 24	Choke Size 3/8"	Prod'n For Test Period	Oil - Bbl. N/A	Gas - MCF 95	Water - Bbl. 40	Gas - Oil Ratio N/A
Flow Tubing Press. PUMPING	Casing Pressure 29 psi	Calculated 24-Hour Rate	Oil - Bbl. N/A	Gas - MCF 95	Water - Bbl. 40	Oil Gravity - API - (Corr.) N/A	

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

Test Witnessed By
 J.C. HARRIS

30. List Attachments

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 [Signature] Printed Name EPED LOWERY Title MGR. FIELD OPNG Date 11-1-94

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

OIL CONSERVATION DIVISION
 310 Old Santa Fe Trail, Room 206
 Santa Fe, New Mexico 87503

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 BHP Petroleum (Americas) Inc.			Lease Gallegos Canyon Unit		Well No. 323
Unit Letter M	Section 32	Township 29 N	Range 12 W	County NMPM San Juan	

Actual Footage Location of Well:
1030 feet from the **South** line and **860** feet from the **West** line

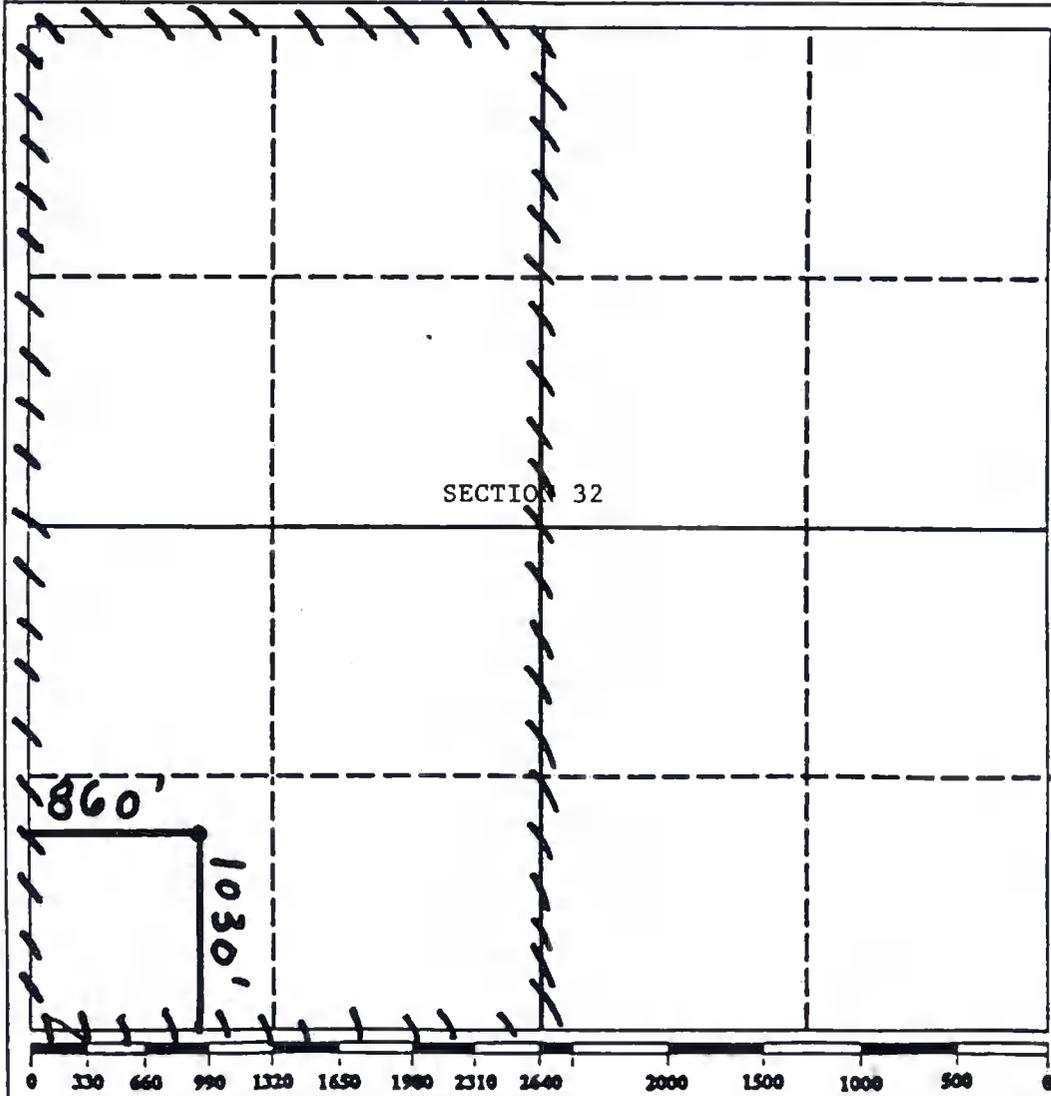
Ground level Elev. 5622'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres
------------------------------------	--	-------------------------------------	--

- 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: *Carl Kolbe*

Printed Name: **Carl Kolbe**

Position: **Regulatory Affairs Rep.**

Company: **BHP Petr. (Americas) Inc.**

Date: **6/8/93**

SURVEYOR CERTIFICATION
 I hereby certify that the well location on this plat was plotted from field notes, 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: _____

Signature & Seal of Professional Surveyor: _____

Original on file: _____

Certificate No.: _____

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

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

C-103
Revised 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-11318

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name
Gallegos Canyon Unit

8. Farm or Lease Name

2. Name of Operator
Energy Reserves Group, Inc.

9. Well No.
323

3. Address of Operator
P.O. Box 3280 - Casper, Wyoming 82602

10. Field and Pool, or Wildcat
West Kutz Pictured Cliffs

4. Location of Well
UNIT LETTER **M** LOCATED **1030** FEET FROM THE **South** LINE AND **860** FEET FROM

12. County
San Juan

THE **West** LINE OF SEC. **32** TWP. **29N** RGE. **12W** NMPM

15. Date Spudded **3-14-81** 16. Date T.D. Reached **3-16-81** 17. Date Compl. (Ready to Prod.) **5-02-81** 18. Elevations (DF, RKB, RT, GR, etc.) **G.L. 5,622'; K.B. 5,624'** 19. Elev. Casinghead _____

20. Total Depth **1,630' K.B.** 21. Plug Back T.D. **1,583' K.B.** 22. If Multiple Compl., How Many **NA** 23. Intervals Drilled By Rotary Tools **0-1,630'** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
Pictured Cliffs 1,508'-1,520' K.B. 25. Was Directional Survey Made **NO**

26. Type Electric and Other Logs Run
Induction Electric Log - Density & Neutron Borehole Compensated 27. Was Well Cored **NO**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	17#	125'	9-7/8"	65 sx "B" w/2% CaCl ₂ + 1/4# Celloflake/sx	-0-
4-1/2"	10.5#	1,622'	6-1/4"	200 sx 50-50 Pozmix w/2% Gel, 1/4# Flocele/sx + .5% CFR-2	-0-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1,520' KB	None

31. Perforation Record (Interval, size and number)
1,508'-10' w/1 JSPF
1,514'-20'
10 perfs

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1,508'-1,520'	Brokedown w/500 gal 7 1/2% acid + additives + 15 ball sealers.
	Frac'd w/20,000 gal 70% Quality Foam w/22,500# 10-20 sand.

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) **SI**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-2-81	24	3/8"		0	250	282	NA
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
85	190		0	250	282	NA	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
VENTED DURING TEST Test Witnessed By **T.C. DURHAM**

35. List of Attachments
SAMPLE DESCRIPTION ATTACHED

36. 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 T.C. Durham TITLE **Production Engineer-RMD** DATE **5-06-81**

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
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 Fee
5. State Oil & Gas Lease No.
B-11318

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- 2. Name of Operator Energy Reserves Group, Inc. 3. Address of Operator P.O. Box 3280 - Casper, Wyoming 82602 4. Location of Well UNIT LETTER <u>M</u> , <u>1030</u> FEET FROM THE <u>South</u> LINE AND <u>860</u> FEET FROM THE <u>West</u> LINE, SECTION <u>32</u> TOWNSHIP <u>29N</u> RANGE <u>12W</u> NMPM.	7. Unit Agreement Name Gallegos Canyon Unit 8. Farm or Lease Name 9. Well No. 323 10. Field and Pool, or Wildcat West Kutz Pictured Cliffs
15. Elevation (Show whether DF, RT, GR, etc.) G.L. 5,622' - K.B. 5,624'	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"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> OTHER _____ <input type="checkbox"/>
	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> Well History <input checked="" 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.

The above referenced well was spudded @ 3:00 AM 3-14-81.

Drilled 9-7/8" hole to 125'. Ran 3 jts 7" O.D., 17#, H-40, R-3, ST&C new casing set @ 125'. Cemented w/65 sx of Class "B" cement w/2% CaCl₂ & 1/4# Celloflake/sx. Plug down @ 6:45 AM 3-14-81. Good cement returns.

Nippled up and pressure tested BOPE to 500 psi--held o.k.

Drilled 6-1/4" hole to 1,630' and ran logs.

Ran 40 jts 4-1/2" O.D., 10.5#, K-55, R-3, ST&C new casing set @ 1,622'. Cemented w/200 sx of 50-50 Pozmix w/2% Gel & 1/4# Flocele/sx & 0.5% CFR-2. Plug down @ 5:30 PM 3-16-81. Good cement returns.

M.O.R.T. & W.O.C.T.

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

SIGNED Ronnie C. Hillman TITLE Drlg Supt - RMD DATE 3-17-81

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SANTA FE, NEW MEXICO 87501

OCT 2 1980

RMD CASPER

5A. Indicate Type of Lease
STATE FFC

5. State Oil & Gas Lease No.

B-11318

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name Gallegos Canyon Unit	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Term of Lease Name	
2. Name of Operator Energy Reserves Group, Inc.		9. Well No. 323	
3. Address of Operator P.O. Box 3280, Casper, Wyoming 82602 1030		10. Field and Pool, or Wildcat West Kutz Pictured Cliff	
4. Location of Well UNIT LETTER M LOCATED 1100' FEET FROM THE FSL LINE AND 880' FEET FROM THE FWL LINE OF SEC. 32 TWP. T29N RGE. R12W NMPM		12. County San Juan	
15. Proposed Depth 1,655'		19A. Formation Pictured Cliffs	20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, KI, etc.) 5,622 GR	21A. Kind & Status Plug. Bond Blanket 3881464	21B. Drilling Contractor Unknown	22. Approx. Date Work will start Nov.-Dec., 1980

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"	8-5/8"	24#	120'	Cmt to surface	
6-3/4"	4-1/2"	9.5#	1,655'	Cmt to surface	

Energy Reserves Group, Inc. proposes to drill the above referenced well with rotary tools from the surface to T.D.

Gas is dedicated to El Paso Natural Gas Company.

The Ojo Alamo Formation is located between 100'-700' depending on the area. The Ojo Alamo is fresh water bearing sand.

Fruitland @ 1120' may be gas productive. Pictured Cliffs @ 1405' is expected to be gas productive.

8-5/8", 24#, K-55, ST&C, New Casing
4-1/2", 9.5#, K-55, ST&C, New Casing
(4-1/2" will be cemented to the surface)

BOE will consist of an 8" series 900, 3000psi double ram BOP.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-8-81

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 William J. ... Title Field Services Administrator Date 10-6-80

(This space for State Use)

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE **OCT 10 1980**

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

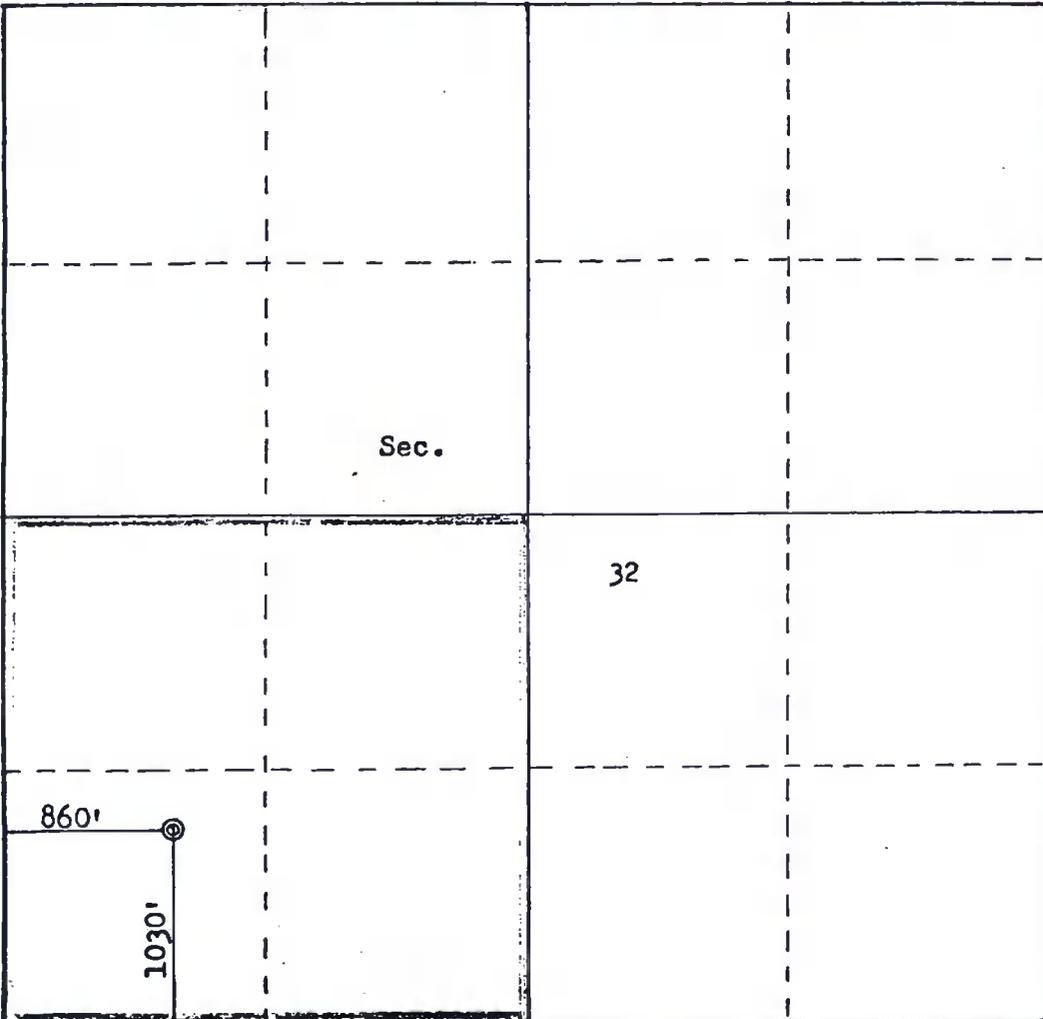
Operator ENERGY RESERVES GROUP		Lease GALLEGOS CANYON UNIT		Well No. 323
Unit Letter M	Section 32	Township 29N	Range 12W	County San Juan
Actual Footage Location of Well: 1030 feet from the South line and 860 feet from the West line				
Ground Level Elev: 5622	Producing Formation Pictured Cliffs	Pool West Kutz Pictured Cliffs	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes," type of consolidation _____

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.

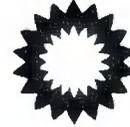


Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>William J. Fua</i>	
Name	Field Services Administrator
Position	Energy Reserves Group, Inc.
Company	9-18-80
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	September 9, 1980
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950

bp

CS

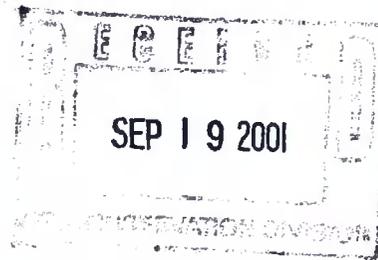


**San Juan Business Unit
Amoco Production Company**
A Part of the BP Amoco Group
501 WestLake Park Blvd.
Houston, TX 77079-3092

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



ENERGY, MINERALS AND NATURAL RESOURCES DEPT.

-521

NO. 117303

Official Receipt

Date: 9/19 ~~2001~~

Received from: RC - OCD/SF - Kathy Valdes 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	<u>1893</u>	<u>0711</u>	<u>150.00</u>		
60					
60					
60					

TOTAL

150.00

NGPA Filing Fee

By W



Amoco Production Company
509 South Boston
Tulsa, OK 74103

82-20
311

CHECK NO. 0800316676

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: 2000087672

Authorized Signature

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

⑈0800316676⑈ ⑆031100209⑆

39116481⑈

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-24615
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B11318
7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit
8. Well No. 323
9. Pool name or Wildcat Basin Fruitland Coal & Kutz PC, West

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
 BP America Production Company

3. Address of Operator
 P.O. Box 3092 Houston, Tx 77253

4. Well Location
 Unit Letter M 1030 feet from the South line and 860 feet from the West line
 Section 32 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5622' GR



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"/>	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"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Re-enter PC & DHC w/FC <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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

BP America Production Company requested permission to re-enter the Kutz Picture Cliffs, West pool and commingle production down hole with the existing Basin Fruitland Coal Pool. Approval was granted 12/24/2001.

This subsequent report is to show that the cast iron bridge plug was drilled out on July 11, 2002 and well is currently downhole commingling the Fruitland Coal & the Kutz Pictured Cliffs.

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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 08/01/02

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 05 DATE AUG - 5 2002
 Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-24615
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B11318
7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit
8. Well No. 323
9. Pool name or Wildcat Basin Fruitland Coal & Kutz PC, West



SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR ALTER A WELL OR 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
Amoco Production Company

3. Address of Operator
P.O. Box 3092 Houston, Tx 77253

4. Well Location
 Unit Letter M 1030 feet from the South line and 860 feet from the West line
 Section 32 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5622' 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 MULTIPLE COMPLETION
 OTHER: **Re-enter PC & DHC w/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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Amoco Production Company requests permission to re-enter the Kutz Picture Cliffs, West pool and commingle production down hole with the existing Basin Fruitland Coal Pool as per the attached procedure.

The Basin Fruitland Coal (71629) & Kutz Picture Cliffs, West (79680) Pools are Pre-Approved for Down hole Commingling per NMOCD CASE NO.12520, ORDER NO. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for the down hole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to down hole commingling approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Basin Fruitland Coal. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Kutz Picture Cliffs. Attached is the future production decline estimates for the Basin Fruitland Coal. Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

DHC 605AZ

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

SIGNATURE *Cherry Hlava* TITLE Permitting Analyst DATE 12/19/01

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)
 APPROVED BY *[Signature]* TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 03 DATE DEC 24 2001

Conditions of approval, if any:
SNH 0136235584



District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

District II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

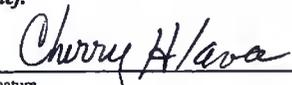
¹ API Number 30-045-24615		² Pool Code 79680		³ Pool Name Kutz Pictured Cliffs, West	
⁴ Property Code 000570		⁵ Property Name Gallegos Canyon Unit			⁶ Well Number 323
⁷ OGRID No. 000778		⁸ Operator Name Amoco Production Company			⁹ Elevation 5622'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit M	32	29N	12W		1030'	South	860'	West	San Juan

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 160 Ac.	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature
					Printed Name Cherry Hlava Title Regulatory Analyst Date 12/19/2001
860'					¹⁸ SURVEYOR CERTIFICATION <i>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 belief.</i>
					Date of Survey Signature and Seal of Professional Surveyor: ORIGINAL ON FILE Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-24615	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 323
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5622'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit M	32	29N	12W		1030'	South	860'	West	San Juan

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320 Ac.	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Printed Name Cherry Hlava Title Regulatory Analyst Date 12/19/2001
					¹⁸ SURVEYOR CERTIFICATION <i>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 belief.</i> Date of Survey Signature and Seal of Professional Surveyor.
					ORIGINAL ON FILE Certificate Number

GCU 323
Basin Fruitland Coal
San Juan County, NM
Unit M Sec 32 T29N-R12W
API 30-045-24615

Reason for work:

This Fruitland Coal producer is to be down hole commingled with the Pictured Cliffs. Tubing will be changed out to polyethylene lined pipe to eliminate rod cutting.

Procedure:

1. MIRU SU. Record TP and CP.
2. POOH with rods and pump. ND WH, NU BOP.
3. POOH with 2-3/8" production tbg.
4. RIH with bit, float valve, and drill collars.
5. D/O CIBP at 1497' circulating with air. Clean out to 1583' PBTB.
6. PU 30' above Fruitland Coal perfs and flow well back 30 minutes. RIH to PBTB, cleaning out again if necessary. Repeat step until sand feed-in stabilizes.
7. POOH, laying down 2-3/8" tubing.
8. PU x RIH with new 2-7/8" NUE polyethylene lined tbg with turned down collars:
 - a) Cut off joint
 - b) SN
 - c) 2-7/8" tbg to surface
 - d) 2-7/8" x 2-3/8" crossover
 - e) 2-3/8" hanger jointLand tbg at +/- 1545'.
9. ND BOP. NU tree.
10. RIH with rods and redressed pump. Hang well off and check pump action.
11. RDMO SU.

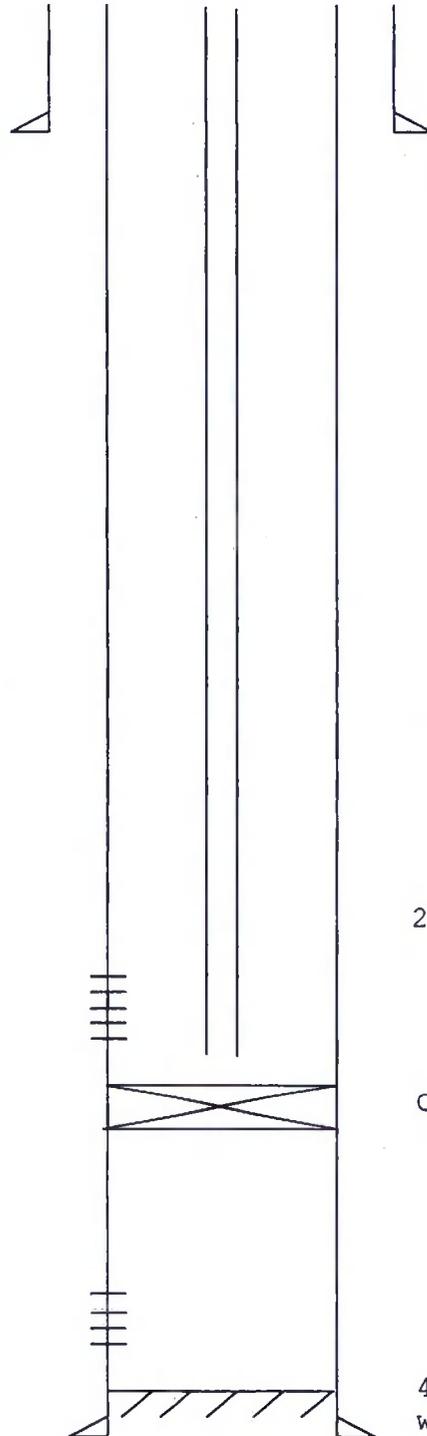
Allen Kutch

281-366-7955 office
281-366-0700 fax

GCU 323
San Juan County, NM
Unit M Section 32 of R29W - T12N
Run 25

12-18-2001
ATK

KB: 4' above GL



7" 17# H40 @ 125' w/
65 sxs

FC perfs:

1469' - 1486'
4 SPF

2-3/8" tbg @ ?

CIBP @ 1497'

PC perfs:

1508' - 1510' 1 SPF
1514' - 1520'

4-1/2" 10.5# K55 @ 1622'
w/ 200 sxs

PBTD: 1583'
TD: 1630'

CDGAS GCU 323 Fruitland Coal Forecast

Date	(Mcf/d)
1/1/2002	46
2/1/2002	46
3/1/2002	46
4/1/2002	46
5/1/2002	46
6/1/2002	45
7/1/2002	45
8/1/2002	45
9/1/2002	45
10/1/2002	45
11/1/2002	44
12/1/2002	44
1/1/2003	44
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3/1/2003	44
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5/1/2005	39
6/1/2005	39
7/1/2005	39
8/1/2005	39
9/1/2005	39
10/1/2005	39
11/1/2005	39
12/1/2005	38
1/1/2006	38

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

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

Instructions on back
Submit to Appropriate District Office
5 Copies

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

AMENDED REPORT

District IV
PO Box 2088, Santa Fe, NM 87504-2088

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Amoco Production Company 1670 Broadway P.O. Box 800 Denver, Colorado 80201		² OGRID Number 000778
		³ Reason for Filing Code CH Effective 5-01-1996
⁴ API Number 30-045-24615	⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629
⁷ Property Code 00570	⁸ Property Name Gallegos Canyon Unit	⁹ Well No. 323

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	29N	12W		1030	SOUTH	860	WEST	SAN JUAN

¹¹ Bottom Hole Location

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

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
S	Pumping	12/1994	N/A	N/A	N/A

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
7057	El Paso Natural Gas P.O. Box 4990 Farmington, NM 87499	0570730	G	

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Instructions on back
Submit to Appropriate District Office

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

PO Box 2088
Santa Fe, NM 87504-2088

5 Copies

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address BHP PETROLEUM (AMERICAS) INC. P.O. BOX 977 FARMINGTON, NEW MEXICO 87499		OGRID Number 2217
		Reason for Filing Code RC
API Number 30 - 0 45-24615	Pool Name BASIN FRUITLAND COAL	Pool Code 71629
Property Code 2038	Property Name GALLEGOS CANYON UNIT ELEV.5622'GR	Well Number 323

II. Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	32	29N	12W		1030	SOUTH	860	WEST	SAN JUAN

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Use Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				
S	PUMPING	1981	N/A	N/A	N/A				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
7057	EL PASO NATURAL GAS P.O. BOX 4990 FARMINGTON, NM 87499	570 430	GAS	

RECEIVED

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

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION
RECEIVED
 P.O. Box 2034
 Santa Fe, New Mexico 87504-2038
 NOV - 8 1994

WELL API NO.
 30-045-24615

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.
 B11318

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
 BHP PETROLEUM (AMERICAS) INC.

3. Address of Operator
 P.O. BOX 977 FARMINGTON, NM 87499

7. Lease Name or Unit Agreement Name
 Gallegos Canyon Unit

8. Well No.
 GCU 323

9. Pool name or Wildcat
 BASIN FRUITLAND COAL

4. Well Location
 Unit Letter M : 1030 Feet From The SOUTH Line and 860 Feet From The WEST Line

Section 32 Township 29N Range 12W NMPM SAN JUAN County

10. Date Spudded 3-14-81
 11. Date T.D. Reached 3-14-81
 12. Date Compl. (Ready to Prod.) 5-14-94
 13. Elevations (DF & RKB, RT, GR, etc.) 5622 GR
 14. Elev. Casinghead

15. Total Depth 1630' KB
 16. Plug Back T.D. 1497'
 17. If Multiple Compl. How Many Zones?
 18. Intervals Drilled By Rotary Tools 0 - 1630' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
 1472' - 1490'

20. Was Directional Survey Made
 NO

21. Type Electric and Other Logs Run GR/CNL
 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
7"	17#	125'	9-7/8"	65 sx "B" w/2% CACL 2	
				1/4# sx celloflake	
4-1/2"	10.5#	1622'	6-1/4"	200 sx 50/50poz W/2% gel, 1/4#sx Flocele + 5% CFR-2	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1475'	NO

26. Perforation record (interval, size, and number)
 1469' TO 1486' 90 deg. PHASING
 4 JSPF SHOOTING A .39" HOLE
 TOTAL 68 HOLES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1472' to 1490'	500 gal 15% HCL acid
	25# CROSSLINK GEL, 55,000#
	20/40 BRADY SAND

28. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) **PUMPING** Well Status (Prod. or Shut-in) **SHUT IN**

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-14-94	24	3/8"		N/A	95	40	N/A

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
PUMPING	29 psi		N/A	95	40	N/A

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **VENTED** Test Witnessed By **J.C. HARRIS**

30. List Attachments

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 JES Lowery Printed Name FRED LOWERY Title MGR. FIELD @PNS Date 11-1-94

OIL CONSERVATION DIVISION
 310 Old Santa Fe Trail, Room 206
 Santa Fe, New Mexico 87503

OIL CONSERVATION DIVISION
 RECEIVED

95 JAN 13 AM 8 52

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

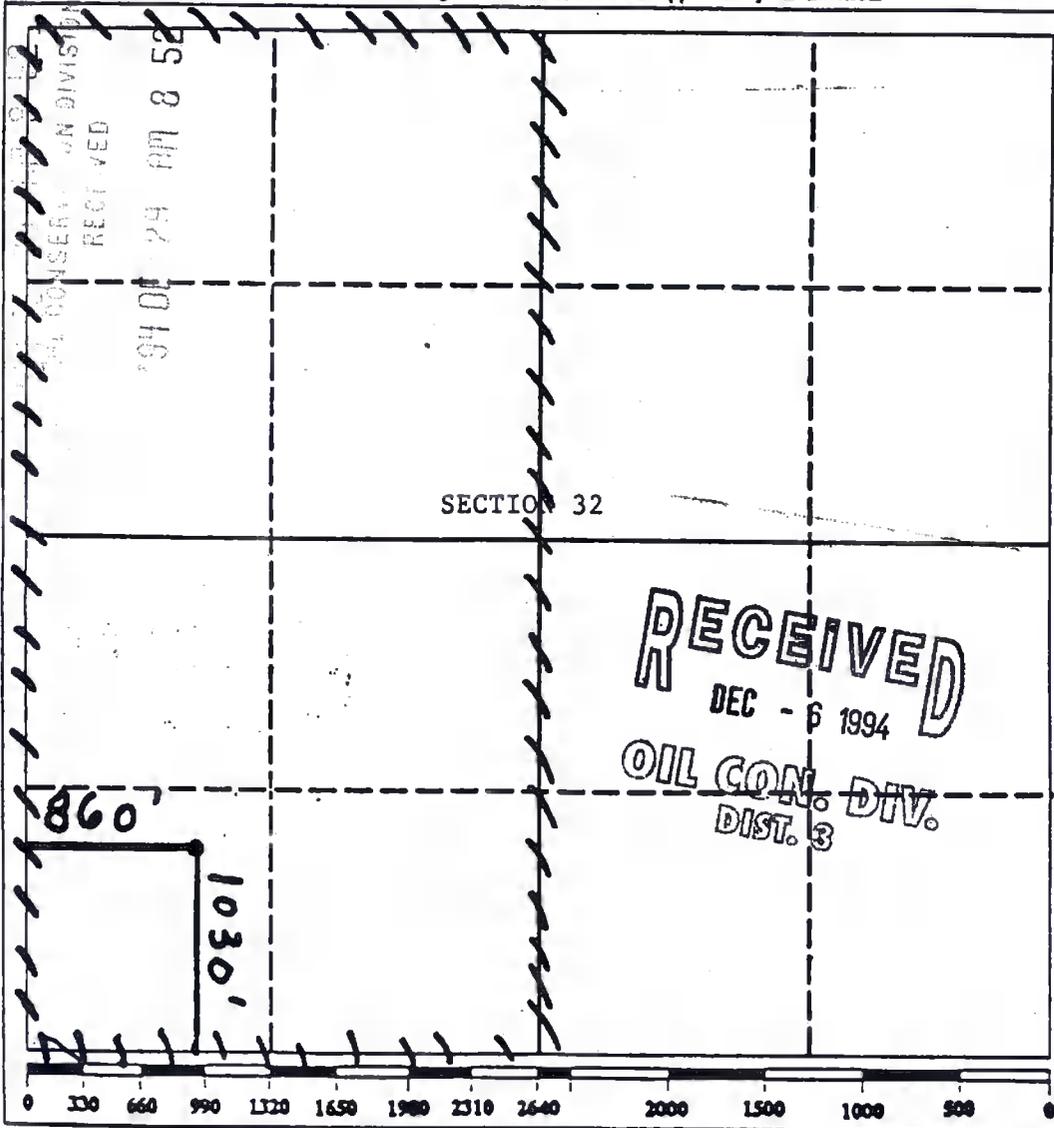
DISTRICT II
 P.O. Drawer DD, Aramis, NM 88210

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 BHP Petroleum (Americas) Inc.			Lease Gallegos Canyon Unit			Well No. 323		
Unit Letter M	Section 32	Township 29 N	Range 12 W	County NMPM San Juan				
Actual Footage Location of Well: 1030 feet from the South line and 860 feet from the West line								
Ground level Elev. 5622'		Producing Formation Fruitland Coal			Pool Basin Fruitland Coal		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 interest of all owners been consolidated by communitization, unitization, forced-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 best of my knowledge and belief.

Signature: *Carl Kolbe*
 Printed Name: Carl Kolbe
 Position: Regulatory Affairs Rep.
 Company: BHP Petr. (Americas) Inc
 Date: 6/8/93

SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under supervision, and that the same is true correct to the best of my knowledge belief.

Date Surveyed: _____
 Signature & Seal of Professional Surveyor: _____
 Original on file
 Certificate No. _____

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

WELL API NO.	30-045-24615
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-11318

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.)

7. Lease Name or Unit Agreement Name	GALLEGOS CANYON UNIT
--------------------------------------	----------------------

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
--

8. Well No.	GCU #323
-------------	----------

2. Name of Operator	BHP PETROLEUM (AMERICAS) INC.
---------------------	-------------------------------

9. Pool name or Wildcat	Basin Fruitland Coal
-------------------------	----------------------

3. Address of Operator	P.O. BOX 977 FARMINGTON, NEW MEXICO 87499
------------------------	---

4. Well Location	Unit Letter <u>M</u> : <u>1030</u> Feet From The <u>South</u> Line and <u>860</u> Feet From The <u>West</u> Line
	Section <u>32</u> Township <u>29N</u> Range <u>12W</u> NMPM <u>San Juan</u> County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5622' GR
--	----------

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>RECOMPLETION</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <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.

- 03/10/94 - MIRU workover rig. Ran GR-CCL log from 1557' to 1200'. set CIBP @1497'. Test csg. to 2500 psi. Perforated Fruitland Coal from 1469' to 1486'.
- 03/11/94 - Tried fracturing well with N2 foam-screened out-prepared to pump a crosslink job.
- 03/12/94 - Fractured well with crosslink gel and 55,000 lbs. sand. Ran 2-3/8" tbq. and tag sand @1352'kb. Circulate hole clean to PBDT. Landed 2-3/8" tbq. at 1352'kb.
- 03/13/94 - Swabbed well in.
- 03/15/94 - Released rig.
- 03/23/94 - MIRU workover rig and ran rods and pump-Released rig- Pump tested well.
- 05-14-94 - Test: 95 MCFPD, 40 BLWPD, CSG 29psi through a 3/8" choke.

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

SIGNATURE	TITLE	DATE
<u>J.C. HARRIS</u>	PRODUCTION SUPT.	12-05-94
TYPE OR PRINT NAME	TELEPHONE NO	
J.C. HARRIS	327-1639	

(This space for State Use)

APPROVED BY	TITLE	DATE
<u>J.C. Harris</u>	SUPERVISOR DISTRICT # 3	DEC - 6 1994

CONDITIONS OF APPROVAL, IF ANY:

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 88248

OIL CONSERVATION DIVISION

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

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

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

WELL API NO. 30-045-24615

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No. B-11318

7. Lease Name or Unit Agreement Name
GALLEGOS CANYON UNIT

8. Well No. GCU #323

9. Pool name or Wildcat
Basin Fruitland Coal

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 BHP PETROLEUM (AMERICAS) INC.

3. Address of Operator P.O. BOX 977 FARMINGTON, NEW MEXICO 87499

4. Well Location Unit Letter M : 1030 Feet From The South Line and 860 Feet From The West Line Section 32 Township 29N Range 12W NMPM San Juan County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5622' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [checked], PLUG AND ABANDON, TEMPORARILY ABANDON, 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.

- 1. Production test the Pictured Cliffs; If productive (25 MCF or more) set RBP @ +/- 1504'. If not productive, set CIBP @ same depth. 2. Pressure test casing w/2000 psi. 3. Perforate the Fruitland Coal w/4 JSPF. 4. If casing tests ok, then fracture stimulate w/a minimum of 40,000# of sand down casing; If not repair casing and frac down tubing.

B.O.P.E. will consist of a 2,000# preventer equipped with pipe rams for work string, blind rams, and a non rotating stripper head.

RECEIVED JUL 8 1993

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

SIGNATURE Fred Lowery TITLE OPERATIONS SUPERVISOR DIST. 3 DATE 06-19-93 TYPE OR PRINT NAME FRED LOWERY TELEPHONE 827-1639

(This space for State Use) APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JUL 8 1993 CONDITIONS OF APPROVAL, IF ANY:

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

OIL CONSERVATION DIVISION

310 Old Santa Fe Trail, Room 206
 Santa Fe, New Mexico 87503

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 BHP Petroleum (Americas) Inc.			Lease Gallegos Canyon Unit			Well No. 323		
Unit Letter M	Section 32	Township 29 N	Range 12 W	County NMPM		San Juan		

Actual Footage Location of Well:

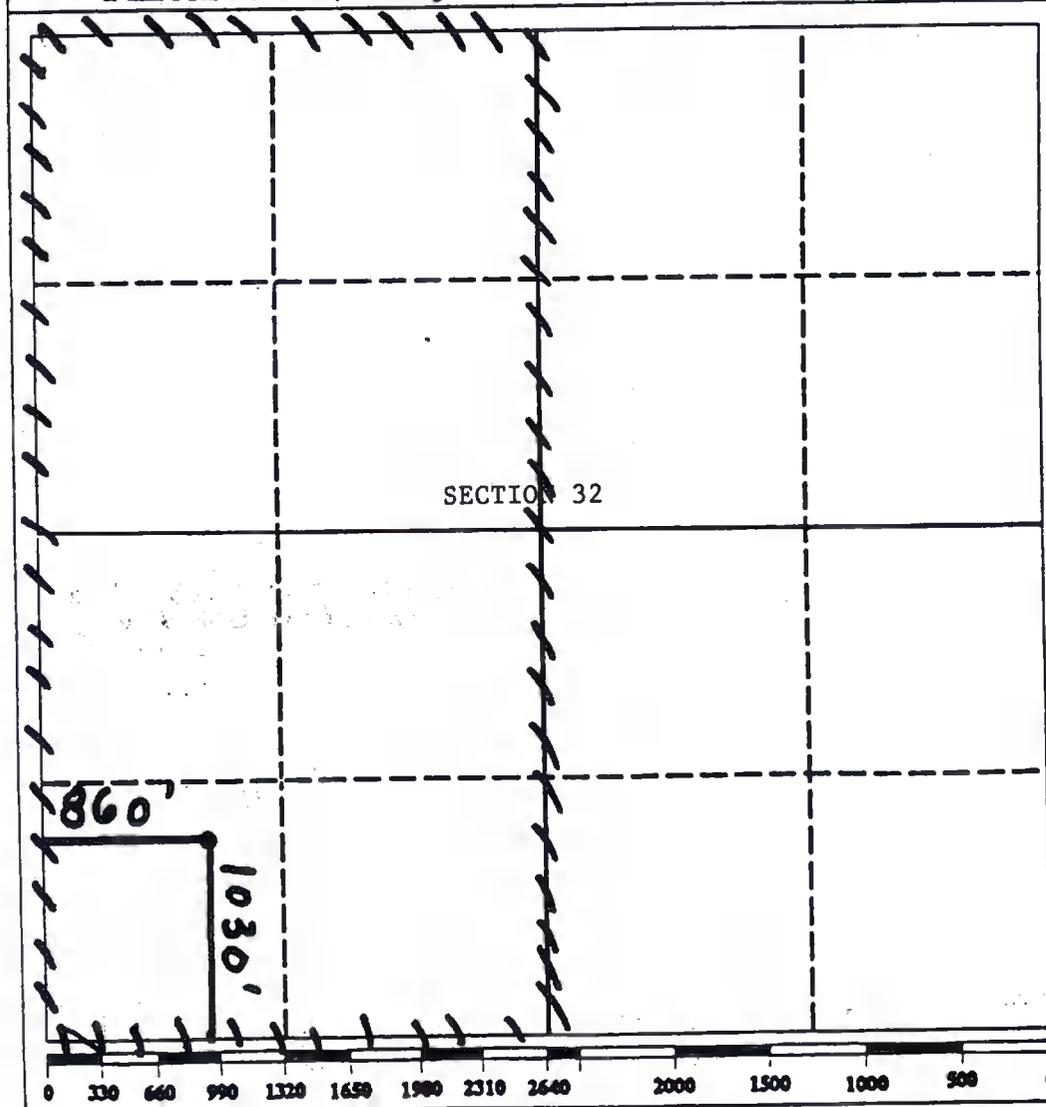
1030 feet from the South line and		860 feet from the West line	
Ground level Elev. 5622'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres

- 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: *Carl Kolbe*

Printed Name: Carl Kolbe

Position: Regulatory Affairs Rep.

Company: BHP Petr. (Americas) Inc.

Date: 6/8/93

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: _____

Signature & Seal of Professional Surveyor: _____

Original on file

Certificate No.: _____

Submit 3 Copies
 to 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

OIL CONSERVATION DIVISION
 P.O. Box 2088
 Santa Fe, New Mexico 87500-2088

RECEIVED
 JUN 2 1993

WELL API NO.	30-045-24615
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-11318
7. Lease Name or Unit Agreement Name	
GALLEGOS CANYON UNIT	
8. Well No.	GCU #323
9. Pool name or Wildcat	Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
5622' GR	

SUNDRY NOTICES AND REPORTS ON OIL CON. DIV
 (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
 BHP PETROLEUM (AMERICAS) INC.

3. Address of Operator
 P.O. BOX 977 FARMINGTON, NEW MEXICO 87499

4. Well Location
 Unit Letter M : 1030 Feet From The South Line and 860 Feet From The West Line
 Section 32 Township 29N Range 12W NMPM San Juan County

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <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.

1. Production test the Pictured Cliffs; If productive (25 MCF or more) set RBP @ +/- 1504'. If not productive, set CIBP @ same depth.
2. Pressure test casing w/2000 psi.
3. Perforate the Fruitland Coal w/4 JSPF.
4. If casing tests ok, then fracture stimulate w/a minimum of 40,000# of sand down casing; If not repair casing and frac down tubing.

B.O.P.E. will consist of a 2,000# preventer equipped with pipe rams for work string, blind rams, and a non rotating stripper head.

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

SIGNATURE FRED Lowery TITLE OPERATIONS SUPT. DATE 06-19-93
 TYPE OR PRINT NAME FRED LOWERY TELEPHONE NO 827-1639

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 14 1993
 CONDITIONS OF APPROVAL, IF ANY:

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
 310 Old Santa Fe Trail, Room 206
 Santa Fe, New Mexico 87503

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

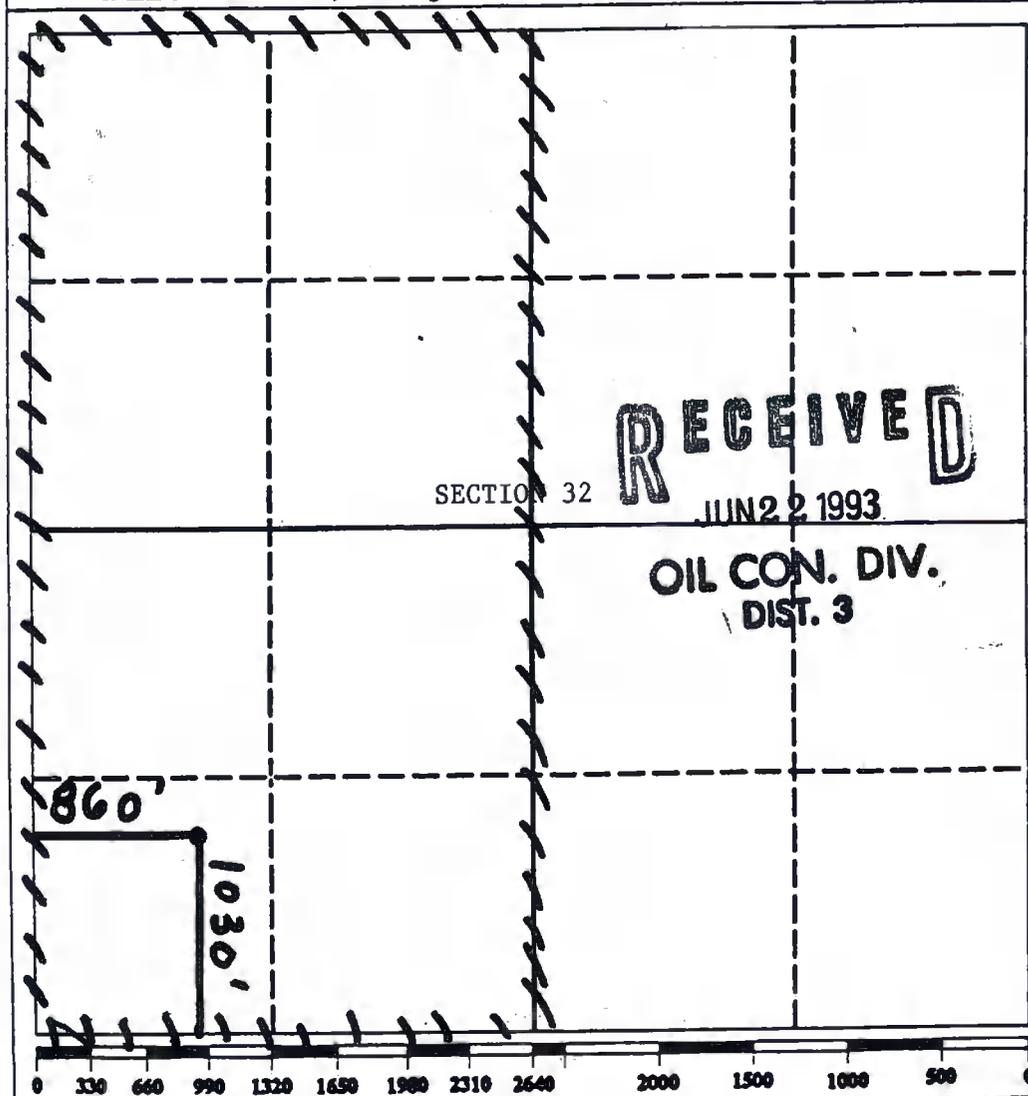
WELL LOCATION AND ACREAGE DEDICATION PLAT
 All Distances must be from the outer boundaries of the section

Operator BHP Petroleum (Americas) Inc.			Lease Gallegos Canyon Unit		Well No. 323
Unit Letter M	Section 32	Township 29 N	Range 12 W	County NMPM San Juan	

Actual Footage Location of Well:
 1030 feet from the South line and 860 feet from the West line

Ground level Elev. 5622'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres
------------------------------------	--	-------------------------------------	--

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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: *Carl Kolbe*
 Printed Name: Carl Kolbe
 Position: Regulatory Affairs Rep.
 Company: BHP Petr. (Americas) Inc.
 Date: 6/8/93

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: _____
 Signature & Seal of Professional Surveyor: _____
 Original on file
 Certificate No. _____

**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-110
Effective 1-1-65

COPIES RECEIVED	
DISTRIBUTION	
DATE	
U.S.	
OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
REGISTRATION OFFICE	



NAME: **BHP Petroleum (Americas), Inc.**

ADDRESS: **P.O. Box 3280, Casper, WY 82602**

Reason(s) for filing (Check proper box)	Other (Please explain)
Well Completion <input type="checkbox"/>	
Change in Ownership <input checked="" type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Change of ownership give name **Energy Reserves Group, Inc., P.O. Box 3280, Casper, WY 82602**
Address of previous owner _____

DESCRIPTION OF WELL AND LEASE			
Well Name Allegos Canyon Unit	Well No. 323	Pool Name, including Formation West Kutz-Pictured Cliffs	Kind of Lease State, Federal or Fee State State
Location Init Letter M : 1030 Feet From The South Line and 860 Feet From The West			Lease No. B-11318
Line of Section 32 Township 29N Range 12W , NMPM; San Juan County			

SIGNATURE OF TRANSPORTER OF OIL AND NATURAL GAS	
Signature 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)
Signature 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 Co.	P.O. Box 990, Farmington, NM 87401
Well produces oil or liquids, location of tanks.	Is gas actually connected? When
	Yes

Is production commingled with that from any other lease or pool, give commingling order number: _____

COMPLETION DATA							
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v. Diff. Res'v.
(X)							
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.		
Productions (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth		
					Depth Casing Shoe		

10-7-81

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

NOTICE OF GAS CONNECTION

DATE July 20, 1981

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

GAS FROM <u>Energy Reserves Group, Inc.</u>		<u>Gallegos Canyon Unit #323</u>	
Operator		Well Name	
<u>93-805-01</u>	<u>22371-01</u>	<u>M</u>	<u>32-29-12</u>
Meter Code	Site Code	Well Unit	S-T-R
<u>West Kutz Pictured Cliffs</u>		<u>El Paso Natural Gas Company</u>	
Pool		Name of Purchaser	

WAS MADE ON 7-7-81,
Date

FIRST DELIVERY 7-9-81
Date

AOF ---

CHOKE 250

El Paso Natural Gas Company
Purchaser
[Signature]
Representative
Chief Dispatcher
Title

cc: Operator
Oil Conservation Commission - 2
Proration - El Paso

File



045
5

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
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U.S.G.S.	
LAND OFFICE	
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-110
Effective 1-1-65

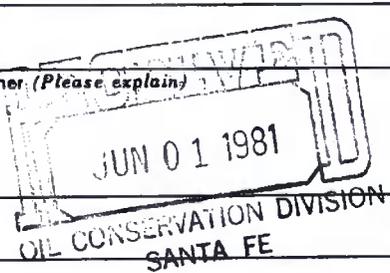
I. Operator
Energy Reserves Group, Inc.

Address
P.O. Box 3280, Casper, WY 82602

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		Other: (Please explain)	
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"/>

If change of ownership give name and address of previous owner _____



II. DESCRIPTION OF WELL AND LEASE

Lease Name Gallegos Canyon Unit	Well No. 323	Pool Name, Including Formation West Kutz Pictured Cliffs	Kind of Lease State, Federal or Fee State	Lease No. B-11318
Location				
Unit Letter	M	1030 Feet From The	South Line and	860 Feet From The West
Line of Section	32	Township	29N	Range 12W, 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)
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 Co.	P.O. Box 1492, El Paso, TX 79978
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
	No W.O. Pipeline

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 3-14-81	Date Compl. Ready to Prod. 5-2-81		Total Depth 1630'			P.B.T.D. 1583'		
Elevations (DF, RKB, RT, GR, etc.) GL 5622'; KB 5624'		Name of Producing Formation Pictured Cliffs	Top Oil/Gas Pay 1500'			Tubing Depth 1520'		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRIBUTION		
SANTA FE		
FILE		
J.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-11318

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

7. Unit Agreement Name
Gallegos Canyon Unit

3. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK D.P. RESVR. OTHER

8. Farm or Lease Name

Name of Operator
Energy Reserves Group, Inc.

9. Well No.
323

Address of Operator
P.O. Box 3280 - Casper, Wyoming 82602

10. Field and Pool, or Wildcat
West Kutz Pictured Cliffs

Location of Well
NIT LETTER **M** LOCATED **1030** FEET FROM THE **South** LINE AND **800** FEET FROM



14. **West** LINE OF SEC. **32** TWP. **29N** RGE. **12W** NMPM **San Juan** COUNTY

5. Date Spudded **3-14-81** 16. Date T.D. Reached **3-16-81** 17. Date Compl. (Ready to Prod.) **5-02-81** 18. Elevations (DF, RKB, RT, GR, etc.) **G.L. 5,622'; K.B. 5,624'** 19. Elev. Casinghead -----

20. Total Depth **1,630' K.B.** 21. Plug Back T.D. **1,583' K.B.** 22. If Multiple Compl., How Many **NA** 23. Intervals Drilled By **Rotary Tools 0-1,630'** Cable Tools -----

4. Producing Interval(s), of this completion - Top, Bottom, Name
Pictured Cliffs 1,508'-1,520' K.B. 25. Was Directional Survey Made **NO**

6. Type Electric and Other Logs Run
Induction Electric Log - Density & Neutron Borehole Compensated 27. Was Well Cored **NO**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	17#	125'	9-7/8"	65 sx "B" w/2% CaCl ₂ + 1/4# Celloflake/sx	-0-
4-1/2"	10.5#	1,622'	6-1/4"	200 sx 50-50 Pozmix w/2% Gel, 1/4# Flocele/sx + .5% CFR-2	-0-

9. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1,520' KB	None

11. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	PERF	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1,508'-10'		1,508'-1,520'	Broken down w/500 gal 7 1/2% acid + additives + 15 ball sealers.
1,514'-20'	w/1 JSPF		Frac'd w/20,000 gal 70% Quality Foam w/22,500# 10-20 sand.
10 perfs			

13. PRODUCTION
Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) **SI**

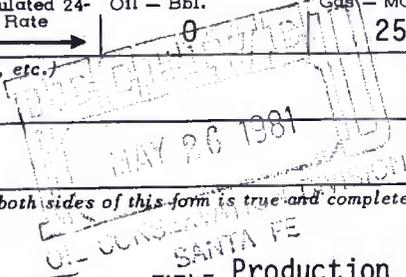
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-2-81	24	3/8"		0	250	282	NA
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
85	190		0	250	282	NA	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **VENTED DURING TEST** Test Witnessed By **T.C. DURHAM**

35. List of Attachments
SAMPLE DESCRIPTION ATTACHED

36. 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 [Signature] TITLE **Production Engineer-RMD** DATE **5-06-81**



INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 _____ 167'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirkland-Fruitland _____ 330'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 1,500'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	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 <u>1,508'</u> to <u>1,520'</u>	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
			Sample Description Attached	167'	330'	163'	Ojo Alamo
				330'	1130'	880'	Kirkland
				1130'	1500'	370'	Fruitland
				1500'			Pictured Cliffs
				1630'			T.D. Driller
				1626'			T.D. Logger

Sample Description

130-40 90% Ss: clr, wht, orange, f-m-crs-vy crs-g, sbrnd,
all loose, gd por, N-S
10% Sh: dk gry-lt gry, buff, blk, firm, sme cly incl
Trace Pyrite

140-50 80% Ss: AA
20% Sh: AA, sme vy. sl. slty

150-60 AA

160-70 90% Ss: AA w/sme cly incl
10% Sh: buff, gry, blk-pty, vy. firm, sme sl sndy, sl. ca

170-80 70% Ss: AA
30% Sh: AA
Trace Clystn: lt. gry, blk, vy. soft, swllng

180-90 90% Ss: clr, f-m-crs-vy- crs-g, sbrnd, most loose, sme
w/mod clyfill, sme cly incl, hard, good por, N-S
10% Clystn: AA, also wht
Trace Sh: AA
Trace Pyrite

190-200 90% Ss: AA
10% Ss: AA
Trace Clystn: AA

200-10 80% Ss: Clr-wht-lt.gry-yel-orange, sbrnd-sbang, AA
10% Ss: AA
10% Clystn: AA



210-20 90% Ss: AA
 10% Pyrite
 Trace Clystn: buff, plty, vy. soft, sl. swelling

220-30 100% Ss: AA
 Trace Sh: med-gry, blk, cherty, vy. hard

30-40 80% Ss: AA
 10% Sh: AA
 10% Clystn: AA

240-50 AA

250-60 90% Ss: clr, yel, m-crs-vy crs-g, sbrnd-sbang, all loose,
 sme cly incls, sme mafic incls, gd por, N-S
 10% Sh: lt-dk-gry, blk, cly incls, soft, sl. swelling
 Trace Clystn: AA

60-70 100% Ss: AA
 Trace Sh: AA

70-80 100% Ss: AA w/sme f-g, few pyrite ctngs

80-90 AA
 Trace Pyrite

290-300 90% Ss: clr, m-crs-g, sbang-sbrnd, fair srtng,
 all loose, gd por, N-S
 10% Pyrite
 Trace Sh: AA

300-10 80% Ss: clr, most m-g, few crs, well srted, sb rnd,
 all loose, gd por, N-S
 10% sh: med-gry, blk, vy, soft, swelling
 10% Pyrite

10-20 60% Ss: AA
 20% Sh: AA
 20% Clyst: lt-med-gry, blk, vy soft, swelling

20-30 60% Ss: AA
 30% Sh: lt-dk-gry-blk, plty, sme vy. carb, sme sl. slty,
 soft, few cly incls
 10% Clystn: AA

30-40 70% Ss: clr, wht, orange, vf-f-m-crs-g, sbrnd, most loose
 few with hvy clyfill, hard, gd por, N-S
 20% Sh: AA, sme lt. grn, bent (?)
 10% Pyrite

350-60 AA

360-70 10% Ss: clr, m-g, sbrnd, well srted, carb incls, clean,
soft, sl. por, N-S
80% Sh: lt-med gry-blk, most slty, sme sndy, blk, sl. to
vy. carb, firm
10% Pyrite

370-80 90% Sh: AA
10% Clystn: wht, buff, blk, vy. soft, sl. carb, sl. swelling
Trace Ss: AA

80-90 100% Sh: AA
Trace Ss: AA

390-400 90% Sh: AA
10% Clystn: AA
Trace Pyrite

400-10 100% Sh: med-lt-dk gry-buff, plty, carb, cly incls,
slty, sme sndy, sme cherty, soft-hard

10-20 40% Ss: sht, vf-f-g, sbrnd, fair srtng, cly incls, carb,
sl. to hvy.clyfill, firm-soft, vy. sl. por, N-S
60% Sh: AA

20-30 30% Ss: AA
70% Sh: AA
Trace Pyrite

430-40 60% Ss: clr-wht-yel-orange, sbrnd, f-m-g, most
loose, sme w/sl. to mod clyfill, friable, gd por, N-S
40% Sh: lt gry-dk gry-grn gry, plty, sl. carb, firm.

40-50 AA

450-60 70% Ss; clr, vf-f-g, sbang-sbrnd, vy. few w/hvy clyfill, rest
clean, gd por, N-S
30% Sh: AA

460-70 30% Ss: wht, vf-f-g, sbrnd-sbang, fair srtng, mod to
hvy clyfill, sme shly, sl. carb, soft, tite, N-S
70% Sh: lt-dk gry, buff, blk-plty, sme carb, sme slty,
sme sndy, few cherty, most soft, many cly incls.
Trace Pyrite

470-80 50% Ss: AA
50% Sh: AA
Trace Pyrite

480-90 30% Ss: wht, f-m-g, sbang, fair srtng, mod clyfll,
 few cly incl, pyrite ctngs, friable-hard, vy sl.
 por, N-S
 70% Sh: lt-dk gry, buff, blk-ply, sme carb, sme slty,
 sme sndy, few chrty, most soft, many cly incl
 Trace Pyrite

470-80 50% Ss: AA
 50% Ss: AA
 Trace Pyrite

480-90 30% Ss: wht, f-m-g, sbang, fair srtng, mod clyfll,
 few cly incl, pyrite ctngs, friable-hard, vy sl. por
N-S
 70% Sh: AA
 Trace Clystn: buff, blk, vy soft, sl. swelling, sl. carb

90-500 40% Ss: AA
 60% Sh: AA w/increasing chertiness
 Trace Pyrite

500-10 60% Ss: clr, wht, org, m-crs-g, sbrnd, most loose, sme w/
 sl clyfll, gd por, N-S
 40% Sh: AA

10-20 50% Ss: AA
 50% Sh: lt gry-grn gry, blk-ply, many chrty, many sndy,
 sme slty, carb, soft-firm, sme bent
 Trace Pyrite

20-30 AA

530-40 60% Ss: clr-wht-yel-org, sbrnd, vf-f-m-crs-g, poor srtng,
 most loose, sme w/mod clyfll, carb, ark, friable to
 hard, most gd por, N-S
 40% Sh: AA

540-50 30% Ss: wht, vf-m-g, sbrnd-sbang, fair srtng, vy.sl. to
 mod clyfll, carb, ark, soft, tite, N-S
 70% Sh: lt-med gry, blk, sl. carb, sme sndy, firm-soft

550-60 20% Ss: AA
 70% Sh: AA
 10% Clystn: wht-lt gry, ply, carb, vy soft

60-70 20% Ss: AA
 80% Sh: AA

70-80 10% Ss: wht, vf-f-g, sbrnd, well srted, hvy clyfll, carb,
ark, soft, tite, N-S
90% Sh: AA
Trace Pyrite

80-90 20% Ss: AA
80% Sh: AA, many sndy, sme wxy

90-600 AA

600-10 10% Ss: clr, wht, f-m-g, sbang, fair srtng, sl. to mod
clyfll, soft, tite, N-S
90% Sh: lt-med gry-grn gry, blky, few sndy, few slty,
carb, firm.

610-20 10% Ss: AA
90% Sh: AA
Trace Clystn: wht, blky, vy. soft
Trace Pyrite

20-30 100% Sh: lt-med-dk gry, blky-plty, sndy-slty,
sme chrty, cly incl, firm
Trace Ss: wht, m-g, sbang, wellsrtd, sl. clyfll, friable,
fair por, N-S

30-40 80% Sh: AA
20% Clystn: lt. gry, blky, carb, vy. soft, vy sl. swelling

40-50 AA

650-60 100% Sh: AA

60-70 10% Ss: wht, f-m-g, sbrnd, fair srtng, mod to hvy clyfll,
cly incl, sl. carb, soft, tite, N-S
80% Sh: AA
10% Clystn: wht, AA
Trace Pyrite

70-80 10% Ss: AA
80% Sh: AA, sme sl. swelling
10% Clystn: AA

80-90 100% Sh: med gry-wht, blky-plty, many vy. sndy, many
slty, few chrty, cly incl, carb, firm-soft
Trace Ss: AA

90-700 80% Sh: AA
20% Clystn: buff-wht-lt.gry, blky, sme scrted quartz
grns, sl. carb, vy. soft, swelling
Trace Ss: AA

- 700-10 100% Sh: lt. gry-rd brn, most vy. slty, many sndy,
many cly incls, plty, firm
- 10-20 10% Ss: wht, f-f-g, sbrnd, well srted, mod clyfll, carb,
sl. ark, firm, sl. por, N-S
90% Sh: AA
Trace Clystn: lt. gry, blk, soft
- 20-30 100% Sh: grn gry, lt. gry, blk, most chrty, many cly
incls, hard-firm
Trace Ss: AA
- 30-40 10% Ss: AA
90% Sh: AA
- 740-50 AA
- 750-60 AA
- 760-70 30% Ss: wht, f-m-crs-g, sbang-sbrnd, sl. to mod. clyfll,
cly incls, hard, sl. por, N-S
70% Sh: lt-dk gry, blk, many cly incls, sme chrty,
sme sndy, few slty, firm
Trace Coal: dk brn, plty, vy. hard, cly incls
Trace Pyrite
- 770-80 40% Ss: AA
50% Sh: AA
10% Coal: AA
- 780-90 20% Ss: wht-clr, m-g, sbang, well srted, sl. clean, carb
incls, hard, sl. por, N-S
60% Sh: AA
20% Clystn: wht, blk, few sctrd qtz grns, vy. swlmg,
vy/ soft.
- 790-800 30% Ss: AA
60% Sh: AA
10% Clystn: AA
Trace Coal: dk brn-blk, plty, cly incls, vy. hard
Trace Pyrite
- 800-10 10% Ss: AA
90% Sh: AA
- 810-20 10% Ss: clr, m-g, sbang, clean, well srted, hard, sl. por, N-S
90% Sh: lt gry-brn, blk-plty, slty, sme sndy, many cly
incls, sl. carb, hard
Trace Coal: blk, blk, hard, few cly incls

820-30 10% Ss: AA, sme shly
90% Sh: AA
Trace Inoceramus frags

30-40 20% Ss: wht-lt.gry, f-m-g, sbrnd, mod clyfld,
cly incls, friable, sl. por, N-S
70% Sh: AA
10% Clystn: lt. brn, blk, carb, soft.

840-50 90% Sh: AA
10% Clystn: AA

50-60 10% Ss: gry, mg, sbang, sl cly fld, cly incls, sl calc, fri,
sl por, N-S 90% Sh: AA

60-70 20% Ss: wht, f-mg, sbang, sl to mod cly fld, cly incls,
vy sl carb, sl calc, sft, tite, N-S
80% Sh: AA

70-90 10% Ss: AA, but w/incr. shaliness, few pryite incls,
90% Sh: lt-med gry, many sndy, most slty, sl carb, cly
incls, frm-hard
Tr. Clyst: brn, blk, carb, vy sft, vy sl swlg

90-900 20% Ss: wht, f-mg, sbang-sbrnd, fair srtg, sl carb, sl ark,
calc, in part, fri-sft, sl to mod cly fld, sl por, N-S
80% Sh: AA

900-10 20% Ss: AA
80% Sh: AA, but also red-brn
Tr. Pyrite

10-20 30% Ss: wht, f-mg, sbang-sbrnd, wl srtg, mod to hvy cly fld,
sl carb, sl ark, most calc, fri, sl por, N-S
70% Sh: AA
Tr. Pyrite

20-40 30% Ss: wht, vfn-mg, sbrnd, clean to mod cly fld, sl calc
sl carb, sft-fri, fair to sl por, N-S
70% Sh: lt-med gry, grn-gry, plty, carb, sme chrty & hard,
few cly incls, most frm-sft

40-50 40% Ss: AA
60% Sh: AA
Tr. Coal: blk, blk, cly incls, hard
Tr. Pyrite

50-70 30% Ss: wht, vfn-f-g, sbrnd, mod-hvy cly fld, sme calc,
vy sl carb, sl ark, sft, tite, N-S
70% Sh: AA

70-80 30% Ss: AA, w/sbang, some sl por, N-S
60% Sh: AA
10% Coal: AA

80-90 20% Ss: AA, w/sme pryite ctngs
80% Sh: AA
Tr. Coal: AA

90-1000 10% Ss: AA
90% Sh: AA

1000-10 90% Sh: AA
10% Clystn: AA
Tr. Ss: AA and Tr. Pyrite

1010 - 20 10% Ss: buff-wht, f-mg, sbrnd, wl srted, carb, vy sl
 cly fld, calc, ark, fri, fair por, N-S
 80% Sh: AA, w/sme white ctngs
 10% Clystn: AA
 20 - 30 20% Ss: wht, vfn-fg, mod cly fld, AA, but sft, tite, N-S
 70% Sh: AA
 10% Clystn: AA
 30 - 40 30% Ss: AA
 70% Sh: lt-med gry, med brn, plty, carb, sme cly incls,
 sndy in part, sme slty, frm
 40 - 50 20% Ss: clr, mg, sbrnd, wl srted, vy sl cly fld to mod
 cly fld, carb, sme calc, ark, fri, sme fair por, N-S
 70% Sh: AA
 10% Clystn: wht-buff, blk, vy sft, vy swlg
 50 - 60 10% Ss: AA
 90% Sh: AA
 60 - 70 20% Ss: wht, mg, sbrnd, mod-hvy cly fld, sme shly AA, but
 sft, tite, N-S
 70% Sh: AA
 10% Clystn: AA
 Tr. Pyrite
 70 - 80 10% Ss: AA
 80% Sh: AA
 10% Clystn: AA, also carb
 80 - 90 20% Ss: wht, f-mg, sbrnd, wl srted, sl-mod cly fld, carb,
 sme calc, sl ark, sme shly, fri-sft, some sl por, N-S
 60% Sh: AA
 20% Clystn: AA, w/sme scatt. qtz. grns
 Tr. Coal: blk, vit, blk, few cly incls
 90 - 1100 20% Ss: AA
 70% Sh: AA
 10% Clystn: AA
 1100 - 10 20% Ss: AA, w/sme sbang, sme vy carb
 50% Sh: AA
 20% Clystn: buff-lt gry, blk, sme wxy looking, vy sft,
 sl carb, sme sl swlg
 10% Coal: AA, sme striated
 10 - 20 20% Ss: clr-wht, vfn-mg, sbrnd, fair srtg, clean-mod cly
 fld, carb, ark, calc, most sft, poss sl por, N-S
 80% Sh: lt gry-dk brn-med gry, blk, vy carb, sme pyrite
 incls, many slty, frm
 Tr. Pyrite and Tr. Coal: AA
 20 - 30 10% Ss: AA
 80% Sh: AA, w/sme sndy
 10% Coal: blk, vit-earthy, blk, cly incls, hard
 30 - 40 30% Ss: wht, vfn-g, sbrnd, wl srted, mod cly fld, carb,
 ark, calc, sft, tite, N-S
 60% Sh: AA
 10% Coal: AA
 Tr. Calcite: buff, vy crs-xln, sbang, transl, lse
 40 - 50 10% Ss: AA
 80% Sh: AA, w/sme vy sndy, sme chrty
 10% Coal: AA
 Tr. Pyrite
 50 - 60 10% Ss: AA
 90% Sh: AA

1160 - 70 50% Ss: wht, vfn-m-g, sbrnd-sbang, cln to vy sl cly fld,
sl carb sl ark, calc in part, sme shly w/hvy cly
fill, hard-sft, sme fair por, N-S
50% Sh: AA, w/sme grn & bent.

70 - 80 LCM

80 - 1200 30% Ss: AA, sme vy carb
50% Sh: lt-med gry, plty, lam, sme fissile, many slty,
carb, frm
20% Clystn: lt brn, blk, carb, vy sft, swlg
Tr. Pyrite

1200 - 10 50% Ss: wht-lt gry, f-mg, sbrnd, wl srted, vy sl to mod
cly fld, carb, vy calc, fri, fair por, dull org fluor
w/vy wk cut
50% Sh: lt gry-dk gry-brn, plty, sl carb, sme slty, cly
incls, frm

10 - 20 AA, w/cut AA
Tr. Coal: blk, earthy, blk, hard
Tr. Pyrite

20 - 30 40% Ss: wht-clr, f-mg, sbrnd, sme clean, sme vy sl-mod
cly fld, carb, calc, ark, fri-sft, fair por, dull org
fluor w/vy wk cut
60% Sh: AA
Tr. Pyrite

30 - 40 50% Ss: AA, w/cut AA
50% Sh: AA

40 - 50 30% Ss: wht, mg, sbrnd-sbang, wl srted, vy sl-mod -hvy cly
fld, carb, ark, vy calc, hard, sl por, fluor and cutAA
50% Sh: AA
10% Clystn: buff, blk, sl carb, vy sft
10% Pyrite

50 - 60 30% Ss: wht, vfn-f-mg, AA, but sl-hvy cly fld, vy sl por, N-S
60% Sh: AA, w/sme lam, sme waxy
10% Clystn: AA
Tr. Coal: blk, vit, blk, pyrite ctng

60 - 70 40% Ss: wht, mg, sbrnd, wl srted, mod-hvy cly fld, calc,
carb, ark, hard-sft, poss vy sl por, N-S
50% Sh: AA, sme sl swlg.
10% Clystn: AA
Tr. Pyrite

70 - 80 30% Ss: AA
70% Sh: med gry-lt brn-grn, plty-blky, carb, vy few pyrite
incls, cly incls, sme lam, frm

80 - 1300 30% Ss: AA
60% Sh: AA
10% Coal: AA
Tr. Pyrite

1300 - 10 30% Ss: wht-lt gry, vfn-mg, sbrnd, vy sl-mod cly fld, calc,
carb, ark, hard-frm, sme sl por, N-S
70% Sh: AA
Tr. Coal: blk, vit, blk, many cly incls

10 - 20 30% Ss: AA
40% Sh: AA
20% Clystn: buff-brn-wht, blk, sme scatt. qtz. grns,
sl carb, vy sft, sme swlg.
10% Coal: AA

20 - 30 20% Ss: AA
80% Sh: AA
Tr. Coal: AA

1330 - 40 20% Ss: wht, mg, sbrnd, wl srted, vy sl-sl cly fld, carb,
ark, vy calc, frm, fair por, N-S
70% Sh: AA
10% Pyrite

40 - 50 20% Ss: AA
60% Sh: lt gry-brn, plty, carb, sme cherty, sme sndy,
sme slty, sme cly incl, most frm, ~~sme~~ sft
20% Coal: blk, vit, blk, sme cly incl, sme pyrite ctngs

50 - 70 30% Ss: wht-clr, vfn-mg, sbrnd, clean to sl cly fld, AA, N-S
50% Sh: AA
20% Coal: AA

70 - 80 40% Ss: AA
50% Sh: AA
10% Coal: AA
Tr. Pyrite

80 - 90 30% Ss: wht, mg, sbrnd, wl srted, mod-hvy cly fld, carb,
calc, ark, sft, tite, N-S
60% Sh: AA
10% Coal: AA
Tr. Pyrite

90 - 1400 30% Ss: AA
50% Sh: AA, w/sme sl swlg
20% Coal: AA

1400 - 10 40% Ss: wht, mg, sbang, wl srted, vy sl-mod cly fld, carb,
ark, most vy calc, fri, sme fair por, N-S
50% Sh: AA
10% Coal: AA

10 - 20 30% Ss: AA
50% Sh: AA
10% Coal: AA
10% Pyrite

20 - 30 30% Ss: AA, w/sme fg, sme sl glauc
60% Sh: gry-brn-grn, blk-plty, sme cherty, sme slty,
sl carb, sme sl swlg, hard-frm
10% Pyrite
Tr. Coal: AA

30 - 40 30% Ss: AA
70% Sh: AA
Tr. Pyrite

40 - 50 40% Ss: wht, mg, sbrnd, wl srted, vy sl-sl cly fld, carb, sl
ark, calc, hard
50% Sh: AA
10% Coal: AA

50 - 60 30% Ss: AA
70% Sh: buff, gry, lt brn, red-brn, plty-blky, sl carb,
sme cherty, sme sl slty, hard
Tr. Pyrite

60 - 70 AA, w/tr. Coal

70 - 90 10% Ss: wht, vfn-mg, AA
90% Sh: AA
Tr. Coal: AA

90 - 1500 10% Ss: wht, f-mg, sbang-sbrnd, vy sl cly fld, sl carb, sl
ark, vy calc, fri, fair por, N-S
50% Sh: AA
40% Coal: blk, vit, blk, sme cly incl, hard

1500 - 10 20% Ss: wht, vfn-mg, sbrnd-sbang, vy sl to mod cly fld,
carb, few pyrite incls, sl ark, calc, fri-sft, sme fair
por, N-S
60% Sh: lt gry-red brn-buff, blk, slty, carb, calc in
part, frm
20% Coal: AA
Tr. Pyrite

10 - 30 20% Ss: AA
40% Sh: AA
20% Coal: AA
10% Calcite: clr, vy crs-xln, sbang, transl, lse
10% Pyrite

30 - 40 30% Ss: wht, mg, sbrnd, wl srted, clean to vy sl cly fld,
carb, ark, calc, hard, sl por, N-S
40% Sh: AA
20% Coal: AA, w/many pyrite frac. fillings
10% Pyrite

40 - 50 50% Ss: AA, w/sme vy sl glauc, sme fri
30% Sh: AA
10% Coal: AA
10% Pyrite

50 - 60 60% Ss: wht, f-mg, sbrnd, fair srtng, sl to mod cly fld,
carb, ark, vy calc, fri-hrd, sl por, N-S
20% Sh: AA
20% Coal: AA, w/no pyrite
Tr. Pyrite

60 - 80 50% Ss: AA
20% Sh: AA
20% Coal: AA
10% Pyrite

80 - 90 40% Ss: AA, w/sl to mod to hvy cly fld, sme sft and tite, N-S
40% Sh: gry-brn, plty-blky, sme slty, carb, sme cly incls,
sl swlg
10% Coal: blk, vit, blk-plty, hard
10% Pyrite

90 - 1600 40% Ss: wht, vfn-mg, sbrnd, fair srtng, mod to hvy cly fld,
carb, ark, calc, most sft, tite, N-S
60% Sh: AA
Tr. Calcite: wht, vy crs-xln, sbang, lse

1600 - 10 40% Ss: AA
40% Sh: AA
20% Coal: AA, w/sme cly incls

10 - 20 60% Ss: AA, sme sl shly, sme vy sl glauc
10% Sh: AA
30% Coal: blk, vit, blk, hard
Tr. Clystn: buff, blk, carb, vy sft, swlg

20 - 30 30% Ss: AA, w/hvy cly fld, carb, calc, shly, sft, tite, N-S
10% Sh: gry, blk, vy carb, frm
50% Clystn: AA, w/sme scatt. qtz. grns
10% Coal: AA

1630' TD

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NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED
APR 02 1981

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-11318
7. Unit Agreement Name Gallegos Canyon Unit
8. Farm or Lease Name
9. Well No. 323
10. Field and Pool, or Wildcat West Kutz Pictured Cliffs
12. County San Juan

SUNDRY NOTICES AND REPORTS ON CONSERVATION DIVISION

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

OIL WELL GAS WELL OTHER

Name of Operator
Energy Reserves Group, Inc.

Address of Operator
P.O. Box 3280 - Casper, Wyoming 82602

Location of Well
UNIT LETTER **M** **1030** FEET FROM THE **South** LINE AND **860** FEET FROM
THE **West** LINE, SECTION **32** TOWNSHIP **29N** RANGE **12W** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
G.L. 5,622' - K.B. 5,624'

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

Well History

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.

The above referenced well was spudded @ 3:00 AM 3-14-81.

Drilled 9-7/8" hole to 125'. Ran 3 jts 7" O.D., 17#, H-40, R-3, ST&C new casing set @ 125'. Cemented w/65 sx of Class "B" cement w/2% CaCl₂ & 1/4# Celloflake/sx. Plug down @ 6:45 AM 3-14-81. Good cement returns.

Nippled up and pressure tested BOPE to 500 psi--held o.k.

Drilled 6-1/4" hole to 1,630' and ran logs.

Ran 40 jts 4-1/2" O.D., 10.5#, K-55, R-3, ST&C new casing set @ 1,622'. Cemented w/200 sx of 50-50 Pozmix w/2% Gel & 1/4# Flocele/sx & 0.5% CFR-2. Plug down @ 5:30 PM 3-16-81. Good cement returns.

M.O.R.T. & W.O.C.T.

RECEIVED
MAR 23 1981
OIL CON. COM.
DIST. 3

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

SIGNED Roscoe C. Hillerich TITLE Drlg Supt - RMD DATE 3-17-81

APPROVED BY Frank J. Long TITLE SUPERVISOR DISTRICT # 3 DATE MAR 23 1981

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
MAR 10 1981
 Form C-103
 Supersedes Old
 C-102 and C-103
 Effective 1-1-65

OIL CONSERVATION DIVISION
 SANTA FE State Fee

5. State Oil & Gas Lease No.
 B-11318

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
 Energy Reserves Group, Inc.

Address of Operator
 Box 3280 Casper, Wyoming 82602

Location of Well
 UNIT LETTER M 1030' FEET FROM THE FSL LINE AND 860' FEET FROM

THE FWL LINE, SECTION 32 TOWNSHIP T 29N RANGE R 12W NMPM.

7. Unit Agreement Name
 Gallegos Canyon Unit

8. Farm or Lease Name

9. Well No.
 323

10. Field and Pool, or Wildcat
 Gallegos Canyon - West
 Pictured Cliffs Kutz

15. Elevation (Show whether DF, RT, GR, etc.)
 5622 GR

12. County
 San Juan

6. 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 JOBS

OTHER Change Casing Program

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.

It is proposed to change the casing program on the above referenced well.
 From-0'-120' - 8-5/8" - 24#. K-55, ST&C - New casing.
 To-0'-120' - 7" - 17#, H-40, St7c - New casing.

RECEIVED
FEB 27 1981
 OIL CON. COM.
 DIST. 3

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

SIGNED William H. [Signature] TITLE Field Services Adm. DATE 2-23-81

APPROVED BY Frank [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE FEB 27 1981

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 1-1-85

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
R-11318

7. Unit Agreement Name
Gallegos Canyon Unit

8. Farm of Lease Name

9. Well No.
323

10. Field and Pool, or Wildcat
West Kutz Pict. Cliffs

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 GAS WELL OTHER-

Name of Operator
Energy Reserve Group, Inc.

Address of Operator
Box 3280 Casper, Wyoming 82602

Location of Well
UNIT LETTER M 1030 FEET FROM THE South LINE AND 860 FEET FROM
THE West LINE, SECTION 32 TOWNSHIP 29N RANGE 12W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5622 GR.

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 Extend drilling permit
- 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.

Approval is requested to extend the drilling permit for the above referenced well for an additional 90 days.



APPROVAL VALID FOR ~~90~~ ⁶⁰ DAYS UNLESS DRILLING COMMENCED,

DATE 1-8-81

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

SIGNED William H. [Signature] TITLE Field Services Adm. DATE 1-23-81

APPROVED BY Frank J. [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JAN 28 1981

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
B-11318

7. Unit Agreement Name
Gallegos Canyon Unit

8. Name of Lease Name

9. Well No.
323

10. Field and Pool, or Wildcat
West Kutz Pictured Cliffs

12. County
San Juan

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

Name of Operator
Energy Reserves Group, Inc.

Address of Operator
P.O. Box 3280, Casper, Wyoming 82602

Location of Well
UNIT LETTER M LOCATED 1100' FEET FROM THE FSL LINE
860' FEET FROM THE FWL LINE OF SEC. 32 TWP. T29N RGE. R12W

15. Proposed Depth 1,655'
19A. Formation Pictured Cliffs
20. Rotary or C.T. Rotary

1. Elevations (Show whether DF, KI, etc.) 5,622 GR
21A. Kind & Status Plug. Bond Blanket 3881464
21B. Drilling Contractor Unknown
22. Approx. Date Work will start Nov.-Dec., 1980

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	120'	Cmt to surface	
6-3/4"	4-1/2"	9.5#	1,655'	Cmt to surface	

Energy Reserves Group, Inc. proposes to drill the above referenced well with casing and cement from the surface to T.D.

Gas is dedicated to El Paso Natural Gas Company.

The Ojo Alamo Formation is located between 100'-700' depending on the area. The Ojo Alamo is fresh water bearing sand.

Fruitland @ 1120' may be gas productive. Pictured Cliffs @ 1405' is expected to be gas productive.

8-5/8", 24#, K-55, ST&C, New Casing
4-1/2", 9.5#, K-55, ST&C, New Casing
(4-1/2" will be cemented to the surface)

BOE will consist of an 8" series 900, 3000 psi double ram BOP.

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.

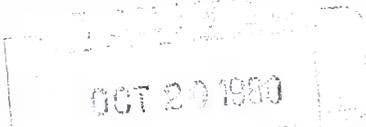
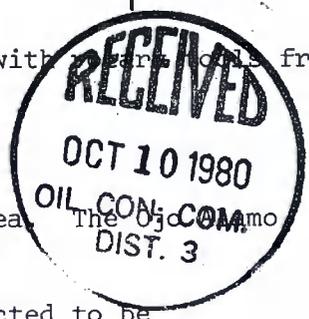
Signed William J. Stas Title Field Services Administrator Date 10-6-80

(This space for State Use)

APPROVED BY Charles Johnson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 10 1980

CONDITIONS OF APPROVAL, IF ANY:

OK
C.G.



APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

EXPIRES 1-8-81

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
 OIL AND MINERALS DEPARTMENT

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

Form C-107
 Revised 10-1-78

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

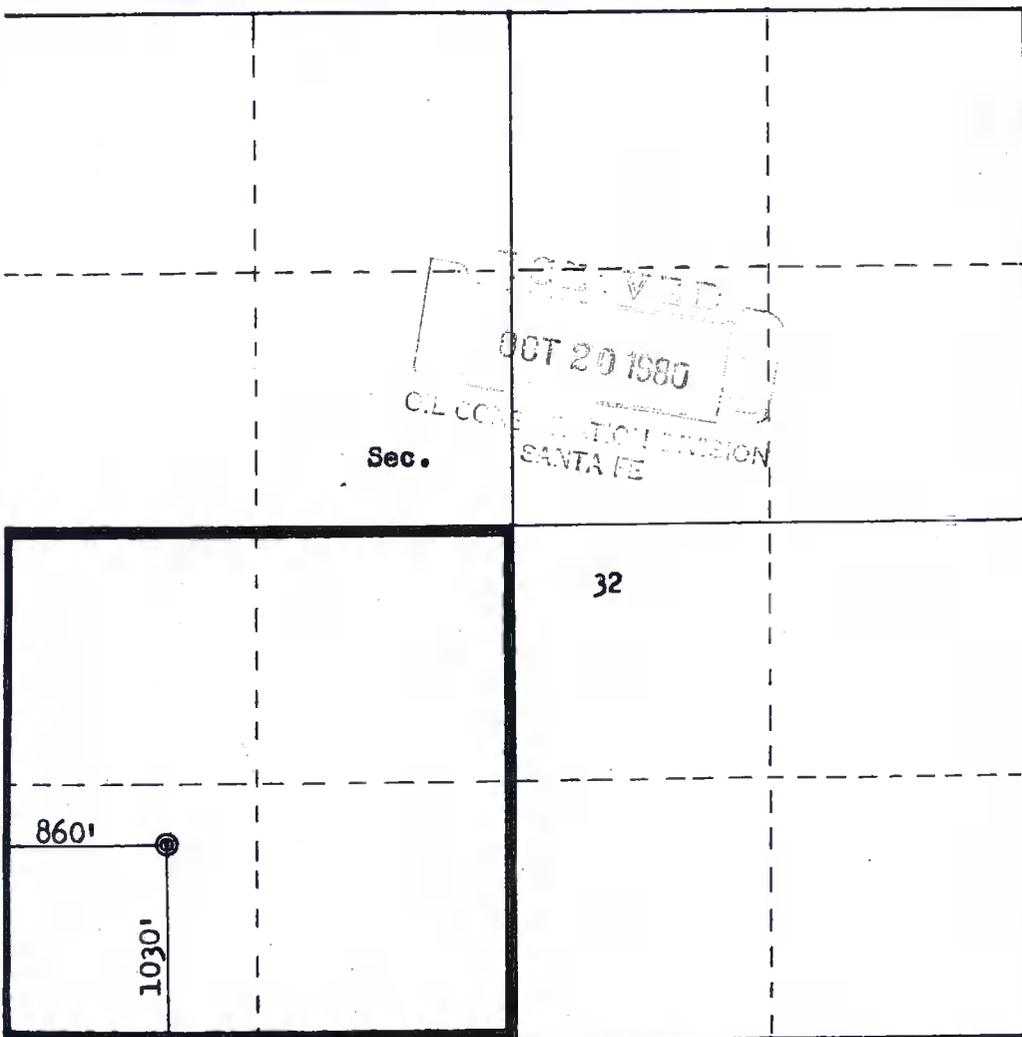
Operator ENERGY RESERVES GROUP		Lease GALLEGOS CANYON UNIT		Well No. 323
Unit Letter M	Section 32	Township 29N	Range 12W	County San Juan
Actual Footage Location of Wells 1030 feet from the South line and 860 feet from the West line				
Ground Level Elev: 5622	Producing Formation Pictured Cliffs	Pool West Kutz Pictured Cliffs	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

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.	
<i>William J. Grant</i>	
Name	Field Service Administrator
Position	Energy Reserves Group, Inc.
Company	9-18-80
Date	<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> RECEIVED OCT 10 1980 OIL CON. COM. DIST. 3 </div>
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	<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> REGISTERED PROFESSIONAL ENGINEER and LAND SURVEYOR SEPTEMBER 9, 1980 <i>[Signature]</i> 3950 </div>
Registered Professional Engineer and Land Surveyor	<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> REGISTERED LAND SURVEYOR 3950 </div>

Dt_Mod	TabLock	AppNo	appcateg	OilGas	OrderNo	AmendN	Applican	contactn	R_Order	Dt_Rcvd	Dt_Susp	Dt_Order	dt_expire	dt_cance	GntyNm	Reviewer	St_Dist	IssuingO	cmmnts	Addl_cc	LoggedE	FacilityID	B
		pSNH013 6235584	Downhole Commin gling	Gas	605	0	BP AMERIC A PRODUC TION COMPAN Y	Cherry Hlava	11567	12/24/200 1		12/28/200 1			San Juan	Hayden	Aztec	Aztec	GCU #323				

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/19/02 11:00:50
OGOMES -TPEY
PAGE NO: 1

Sec : 32 Twp : 29N Rng : 12W Section Type : NORMAL

D 40.00 CS E05462 0005 GLACIER PARK COMP U 08/10/61 A	C 40.00 Fee owned U A	B 40.00 Fee owned U A A	A 40.00 Fee owned U A
E 40.00 CS E05462 0005 GLACIER PARK COMP U 08/10/61 A	F 40.00 CS B10405 0030 BP AMERICA PRODUC U 06/24/53	G 40.00 CS E02447 0001 BP AMERICA PRODUC U 02/10/59	H 40.00 Indian owned U

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/19/02 11:00:55
OGOMES -TPEY
PAGE NO: 2

Sec : 32 Twp : 29N Rng : 12W Section Type : NORMAL

L 40.00 CS E05462 0005 GLACIER PARK COMP U 08/10/61 A	K 40.00 CS E02447 0001 BP AMERICA PRODUC U 02/10/59 A	J 40.00 CS E05462 0005 GLACIER PARK COMP U 08/10/61 A	I 40.00 CS B10405 0062 BP AMERICA PRODUC U 06/24/53
M 40.00 CS B11318 0037 ENERGEN RESOURCES U 06/26/54 A	N 40.00 CS E05462 0005 GLACIER PARK COMP U 08/10/61	O 40.00 CS E02754 0002 BP AMERICA PRODUC U 07/08/59	P 40.00 CS B10405 0082 ENERGEN RESOURCES U 06/24/53 A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 11/19/02 11:01:21
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEY

API Well No : 30 45 24615 Eff Date : 05-01-1996 WC Status : A
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 570 GALLEGOS CANYON UNIT

Well No : 323
GL Elevation: 5622

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: M	32	29N	12W	FTG 1030 F S	FTG 860 F W	P

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : S
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 11:01:25
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY
Page No : 1

API Well No : 30 45 24615 Eff Date : 05-14-1994
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
Prop Idn : 570 GALLEGOS CANYON UNIT Well No : 323
Spacing Unit : 44910 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : 32 29N 12W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	C		32	29N	12W	40.00	N	FE		
	D		32	29N	12W	40.00	N	ST		
	E		32	29N	12W	40.00	N	ST		
	F		32	29N	12W	40.00	N	ST		
	K		32	29N	12W	40.00	N	ST		
	L		32	29N	12W	40.00	N	ST		
	M		32	29N	12W	40.00	N	ST		
	N		32	29N	12W	40.00	N	ST		

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 11:01:34
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 24615 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 24615	GALLEGOS CANYON UNIT	05 96 31		331 F
30 45 24615	GALLEGOS CANYON UNIT	06 96 24	159	240 F
30 45 24615	GALLEGOS CANYON UNIT	07 96 31	40	286 F
30 45 24615	GALLEGOS CANYON UNIT	08 96 31	310	236 F
30 45 24615	GALLEGOS CANYON UNIT	09 96 30	142	535 F
30 45 24615	GALLEGOS CANYON UNIT	10 96 31	148	414 F
30 45 24615	GALLEGOS CANYON UNIT	11 96 30	1313	668 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 11:01:37
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 24615 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 24615	GALLEGOS CANYON UNIT	12 96 31	2267	702 F
30 45 24615	GALLEGOS CANYON UNIT	01 97 31	2107	685 F
30 45 24615	GALLEGOS CANYON UNIT	02 97 25	1228	494 F
30 45 24615	GALLEGOS CANYON UNIT	03 97 31	2055	272 F
30 45 24615	GALLEGOS CANYON UNIT	04 97 30	1665	312 F
30 45 24615	GALLEGOS CANYON UNIT	05 97 31	1416	470 F
30 45 24615	GALLEGOS CANYON UNIT	06 97 30	825	358 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 11:01:38
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 24615 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 24615	GALLEGOS CANYON UNIT	07 97	31	1872		375	F
30 45 24615	GALLEGOS CANYON UNIT	08 97	31	1858		649	F
30 45 24615	GALLEGOS CANYON UNIT	09 97	30	2282		288	F
30 45 24615	GALLEGOS CANYON UNIT	10 97	31	2336		638	F
30 45 24615	GALLEGOS CANYON UNIT	11 97	30	2507		573	F
30 45 24615	GALLEGOS CANYON UNIT	12 97	31	1572		517	F
30 45 24615	GALLEGOS CANYON UNIT	01 98	31	1702		661	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 11:01:40
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 24615 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 24615	GALLEGOS CANYON UNIT	02 98 28	1223	307 F
30 45 24615	GALLEGOS CANYON UNIT	03 98 31	815	386 F
30 45 24615	GALLEGOS CANYON UNIT	04 98 30	461	416 F
30 45 24615	GALLEGOS CANYON UNIT	05 98 31		566 F
30 45 24615	GALLEGOS CANYON UNIT	06 98 30	220	438 F
30 45 24615	GALLEGOS CANYON UNIT	07 98 31	1511	764 F
30 45 24615	GALLEGOS CANYON UNIT	08 98 31	1116	146 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 11:01:41
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 24615 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 24615	GALLEGOS CANYON UNIT	09 98 30	213	649 F
30 45 24615	GALLEGOS CANYON UNIT	10 98 26	126	488 F
30 45 24615	GALLEGOS CANYON UNIT	11 98 30	507	165 F
30 45 24615	GALLEGOS CANYON UNIT	12 98 31	217	266 F
30 45 24615	GALLEGOS CANYON UNIT	01 99 31	305	364 F
30 45 24615	GALLEGOS CANYON UNIT	02 99 28	816	527 F
30 45 24615	GALLEGOS CANYON UNIT	03 99 31	1700	472 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 11:01:42
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 24615 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Volumes Oil	Water	Well Stat
30 45 24615	GALLEGOS CANYON UNIT	04 99	30	1889		383	F
30 45 24615	GALLEGOS CANYON UNIT	05 99	31	1192		298	F
30 45 24615	GALLEGOS CANYON UNIT	06 99	30	1574		388	F
30 45 24615	GALLEGOS CANYON UNIT	07 99	24	1310		304	F
30 45 24615	GALLEGOS CANYON UNIT	08 99	31	1736		518	F
30 45 24615	GALLEGOS CANYON UNIT	09 99	30	1737		501	F
30 45 24615	GALLEGOS CANYON UNIT	10 99	31	1825		426	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 11:01:43
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 24615 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 24615	GALLEGOS CANYON UNIT	11 99 30	1961	351 F
30 45 24615	GALLEGOS CANYON UNIT	12 99 31	2036	299 F
30 45 24615	GALLEGOS CANYON UNIT	01 00 31	614	402 F
30 45 24615	GALLEGOS CANYON UNIT	02 00 29	222	397 F
30 45 24615	GALLEGOS CANYON UNIT	03 00 31	210	289 F
30 45 24615	GALLEGOS CANYON UNIT	04 00 30		320 F
30 45 24615	GALLEGOS CANYON UNIT	05 00 31	135	79 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 11:01:44
 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 24615 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 24615	GALLEGOS CANYON UNIT	06 00 29		479 F
30 45 24615	GALLEGOS CANYON UNIT	07 00 31		481 F
30 45 24615	GALLEGOS CANYON UNIT	08 00 31		524 F
30 45 24615	GALLEGOS CANYON UNIT	09 00 30		625 F
30 45 24615	GALLEGOS CANYON UNIT	10 00 31		582 F
30 45 24615	GALLEGOS CANYON UNIT	11 00 30	115	486 F
30 45 24615	GALLEGOS CANYON UNIT	12 00 31		476 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 11:01:45
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 24615 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 24615	GALLEGOS CANYON UNIT	01 01 31		365 F
30 45 24615	GALLEGOS CANYON UNIT	02 01 28		421 F
30 45 24615	GALLEGOS CANYON UNIT	03 01 31		482 F
30 45 24615	GALLEGOS CANYON UNIT	04 01 30		435 F
30 45 24615	GALLEGOS CANYON UNIT	05 01 31		344 F
30 45 24615	GALLEGOS CANYON UNIT	06 01 30		212 F
30 45 24615	GALLEGOS CANYON UNIT	07 01 4	151	80 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 11:01:46
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 24615 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Production Oil	Production Water	Well Stat
30 45 24615	GALLEGOS CANYON UNIT	08 01	31	244		557	F
30 45 24615	GALLEGOS CANYON UNIT	09 01	30	229		647	F
30 45 24615	GALLEGOS CANYON UNIT	10 01	31	215		627	F
30 45 24615	GALLEGOS CANYON UNIT	11 01	30	238		638	F
30 45 24615	GALLEGOS CANYON UNIT	12 01	31	3		375	F
30 45 24615	GALLEGOS CANYON UNIT	01 02	31	54		423	F
30 45 24615	GALLEGOS CANYON UNIT	02 02	28	167		698	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 11:01:48
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 11

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)
API Well No : 30 45 24615 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 24615	GALLEGOS CANYON UNIT	03 02	31	309		819	F
30 45 24615	GALLEGOS CANYON UNIT	04 02	23	274		541	F
30 45 24615	GALLEGOS CANYON UNIT	05 02	31	174		767	F
30 45 24615	GALLEGOS CANYON UNIT	06 02	30	264		696	F
30 45 24615	GALLEGOS CANYON UNIT	07 02	27	197		559	F
30 45 24615	GALLEGOS CANYON UNIT	08 02	31	233		715	P

Reporting Period Total (Gas, Oil) : 56342 34667

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 11:01:54
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEY

API Well No : 30 45 24615 Eff Date : 05-14-1994 WC Status : P
Pool Idn : 79680 KUTZ PICTURED CLIFFS, WEST (GAS)
OGRID Idn : 2217 ENERGY RESERVES GROUP
Prop Idn : 2038 GALLEGOS CANYON UNIT

Well No : 323
GL Elevation: 5622

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: M	32	29N	12W	FTG 1030 F S	FTG 860 F W	P
Lot Identifier:							
Dedicated Acre:							
Lease Type	: S						
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 11:02:02
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY
Page No : 1

API Well No : 30 45 24615 Eff Date :
Pool Idn : 79680 KUTZ PICTURED CLIFFS, WEST (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 11:02:12
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 79680 KUTZ PICTURED CLIFFS, WEST (GAS)
API Well No : 30 45 24615 Report Period - From : 01 1993 To : 10 2002

API Well No Property Name Prodn. Days Production Volumes Well
MM/YY Prod Gas Oil Water Stat

Reporting Period Total (Gas, Oil) :

E6485: There was no prodn for the well/pool in given prd

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

1993

NORTHWESTERN NEW MEXICO

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VOLUME II

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ABBREVIATIONS IN METHOD OF PRODUCTION COLUMN

F FLOWING G GAS LIFT P PUMPING

ABBREVIATIONS IN STATUS

X PERMANENTLY ABANDONED I INPUT
T TEMPORARILY ABANDONED U UNREPORTED
S SHUT-IN

ALL GAS IN M. C. F.

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1993	MP	ACCU											
62C 427N12W GAS	1140	1282	946	190	448	209	39	116	237	253	735	1156	6751	1714732	57											
63G 527N12W GAS	LAST PROD. DATE 01/08													5	291868											
641 427N12W GAS	815	894	648	439	863	611	498	624	380	475	831	722	7798	1124028	449											
65M3629N13W GAS	PLUGGING APPROVED 1986													13	1523											
66G3529N13W GAS	LAST PROD. DATE 07/91													5	828168											
67B2228N12W GAS	LAST PROD. DATE 01/88													5	1510											
7263628N13W GAS	LAST PROD. DATE 08/88													5	28303											
73K2029N12W GAS	NONE													1967	2282	2713	2720	3398	3430	5257	2522	3428	192	13	28623	182525
74K2929N12W GAS	9475	8694	6801	3160	4793	4097	4077	4706	582	3776	9210	8252	6723	1928065	1510											
75G1929N12W GAS	300	415	301	172	199	192	113	192	55	144	276	222	2781	160021	1510											
76N2328N12W GAS	13885	11640	13674	13288	10834	12345	10241	13211	6887	6867	12960	13025	139037	189446	1510											
79A 927N12W GAS	187	218	137	127	LAST PROD. DATE 02/89													5	1022267							
80A 627N12W GAS	628	489	517	364	304	222	393	314	LAST PROD. DATE 08/91													5	792122			
123C2528N12W GAS	2704	2360	1801	1494	1666	1167	1209	1843	1379	970	1591	2713	20897	56945	1510											
128H2528N12W GAS	52	42	49	29	41	20	32	33	53	34	111	89	474	52800	1510											
267G2328N12W GAS	191	175	114	207	148	233	180	163	LAST PROD. DATE 03/89													5	289466			
268P3228N12W GAS	13273	14275	14063	15290	14838	14270	13361	15803	14932	15301	14425	15020	174851	432012	1510											
269O1828N12W GAS	24	21	49	78	412	197	101	132	143	376	175	297	2005	40460	1510											
271J2728N12W GAS	4232	4457	12090	14061	14527	13421	11487	13957	7539	7507	22424	23314	149016	328309	1510											
272C3328N12W GAS	1711	1326	1391	1342	1228	875	856	1183	922	1094	1415	1400	14723	295895	1510											
273C3228N12W GAS	72	155	71	LAST PROD. DATE 11/91													5	176160								
275O1328N13W GAS	52	42	29	8	189	3467	5808	5607	6999	6622	10439	41611	1088	20976	1510											
276I2528N13W GAS	52	42	49	29	41	39	20	16	14	38	17	30	387	28393	1510											
277E1528N12W GAS	1169	868	1271	1127	681	565	528	583	382	505	426	453	8558	309612	1510											
278O1728N12W GAS	32	42	49	29	41	39	20	16	14	38	17	30	387	28393	1510											
279E2328N12W GAS	3610	2826	2943	1844	2481	2099	1874	2725	1794	1553	3151	2637	29557	710703	1510											
280J2428N12W GAS	121	83	145	166	152	145	162	193	125	98	390	201	32845	748820	1510											
281K2528N12W GAS	1285	1635	364	LAST PROD. DATE 08/88													5	139127								
282J3128N12W GAS	100	148	55	31	LAST PROD. DATE 08/88													5	16046							
283B2929N12W GAS	1191	1045	1749	1535	3686	3641	2945	4039	3760	3789	3660	5927	36967	418411	1510											
284O3029N12W GAS	26	21	14	41	21	20	21	49	11	11	559	542	9277	301834	1510											
285M3129N12W GAS	647	497	872	1209	1637	1117	919	667	611	214	14	174	174	28518	1510											
286P2429N13W GAS	6134	6160	5255	3300	4917	4176	2748	2173	3502	2548	8182	8194	97469	1638566	1510											
287O3229N12W GAS	311	343	228	212	239	2563	1463	165	17	215	215	227	2313	83566	1510											
288F1929N12W GAS	267	383	137	78	174	160	135	110	86	101	193	156	1982	39550	1510											
289H 828N12W GAS	12404	19834	17264	10908	11109	4741	4138	6287	5628	2829	6382	14695	116239	1645790	1510											
290J1528N12W GAS	367	445	301	172	75	256	158	117	218	56	403	295	3870	118233	1510											
291J2328N12W GAS	16157	15590	13385	8826	11067	8439	6801	7114	6460	10646	18983	17173	140843	2152345	1510											
292F3029N12W GAS	567	445	301	172	75	256	158	117	218	56	403	295	3870	118233	1510											
293E3229N12W GAS	1185	918	678	47	89	27	212	224	258	145	165	148	17	215	227	2313	83566									
294J3229N12W GAS	21642	20385	20899	20430	16949	16310	16532	19044	11270	5397	18712	19478	207048	2250459	1510											
295M1028N12W GAS	311	363	228	212	224	258	145	165	148	17	215	227	2313	83566	1510											
296M1528N12W GAS	5168	4150	3520	2669	1866	801	1500	2371	1919	734	2881	27379	666094	1510												
297F3029N12W GAS	567	445	301	172	75	256	158	117	218	56	403	295	3870	118233	1510											
298O1528N12W GAS	15030	14464	11500	7299	10022	7948	6808	8762	5923	4717	9760	8119	109952	1332111	1510											
299J2328N12W GAS	101	69	50	166	157	232	259	309	174	97	341	402	2452	67942	1510											
299J3029N12W GAS	6	155	3214	2013	2336	1805	1487	1448	1140	1417	2814	2431	20266	332583	1510											
299E3229N12W GAS	100	100	273	157	99	224	135	110	86	101	193	156	1634	21903	1510											
299J3229N12W GAS	4388	13773	15043	9247	10641	6672	6480	8355	6753	7369	16659	15364	120924	2238027	1510											
299M1028N12W GAS	333	445	301	172	75	256	158	117	218	56	403	295	3870	118233	1510											
299J3229N12W GAS	8674	8149	6765	4510	4833	3262	3131	4195	3179	3185	7527	7117	64329	708371	1510											
299M1028N12W GAS	233	445	301	172	75	256	158	117	218	56	403	295	3870	118233	1510											
299M1528N12W GAS	8379	8167	5772	3033	4724	3522	2847	3389	2327	1173	2053	291	45677	856785	1510											
299B1528N12W GAS	121	83	169	194	262	290	324	262	183	134	244	15	2281	45345	1510											
299C2428N12W GAS	3964	4614	3690	2962	4104	3150	2658	3010	2370	12	491	3150	34848	516458	1510											
299D3128N12W GAS	101	69	121	159	157	87	129	193	100	5	251	1352	86120	363636	1510											
299D3128N12W GAS	2171	1927	2026	1766	1720	1832	1594	93	1688	1836	1822	1655	20130	363636	1510											
299D3128N12W GAS	52	42	49	29	41	39	20	16	14	38	17	30	387	28393	1510											
299D3128N12W GAS	6067	5788	5549	4789	4790	4536	4201	5705	5545	5687	6771	8517	67943	488250	1510											
300I1929N12W GAS	314	251	292	172	206	197	101	132	115	303	157	267	2507	26119	1510											
300I1929N12W GAS	16380	14778	15277	14926	13282	14231	12901	15670	7384	14845	14744	163473	2151038	66424	1510											
301I2029N12W GAS	311	363	228	212	224	258	145	165	148	17	215	227	2313	83566	1510											
302O2929N12W GAS	372	348	228	212	224	258	145	165	148	17	215	227	2313	83566	1510											
302O2929N12W GAS	311	363	228	212	224	258	145	165	148	17	215	227	2313	83566	1510											
302O2929N12W GAS	LAST PROD. DATE 05/90													5	218781											
303F3329N12W GAS	9537	9088	9101	5726	7417	6166	5821	10118	5227	4732	9121	9896	91950	69830	1510											
304N2429N13W GAS	101	69	121	159	209	290	129	384	262	155	390	402	2653	116676	1510											
305O3629N13W GAS	10928	12128	12676	6957	9113	6368	2831	8350	7676	8581	9769	12703	108800	776922	1510											
305O3629N13W GAS	530	445	273	157	174	160	217	284	244	278	248	200	3211	105992	1510											
307L3029N12W GAS	327	388	1192	1	170	162	168	168	984	1438	174	154	19047	61753	1510											
307L3029N12W GAS	267	445	273	157	174	160	217	284	244	278	248	200	3211	105992	1510											
307L3029N12W GAS	LAST PROD. DATE 09/87													5	281997											
308P 728N12W GAS	4017	4170	2456	1504	2119	1479	880	1609	1433	1364	3322	1155	25508	364636	1510											
310J 928N12W GAS	567	385	137	78	30	192	135	147	102	101	195	2087	75851	293970	1510											
311M1428N12W GAS	494	495	580	LAST PROD. DATE 08/92													5	15695								
312B1628N12W GAS	267	59	82	LAST PROD. DATE 08/92													5	499								
313I1628N12W GAS	LAST PROD. DATE 08/92													5	34291											
314F1728N12W GAS	510	LAST PROD. DATE 08/92													5	28350										
315F2128N12W GAS	12929	12389	7492	4083	6678	4600	4015	4519	3466	1483	19543	21424	102621	1749182	1510											
316I2128N12W GAS	121	139	101	281	259	374	210																			

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.

APPLICATION FOR DETERMINATION**GENERAL INSTRUCTIONS**

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- 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 Wrotenbery
Director
Oil Conservation Division

November 21, 2002

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

**RE: Amoco Production Company
Gallegos Canyon Unit No. 323**

**Burlington Resources Oil & Gas Company
Johnston A No. 16
Magnum No. 1E
New Mexico B Com No. 1E
San Juan 29-5 Unit No. 218
Sategna No. 2E**

Ms. Rand:

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

Sincerely,

A handwritten signature in black ink that reads "Kathy Valdes".

Kathy Valdes

Enclosures

CS-02-003

Form C-132 Revised 10/1/86

State of New Mexico

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

3040 Pacheco St. 1220 South St. Francis Dr.

Santa Fe, NM 87505



FOR DIVISION USE ONLY:		APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
APPROPRIATE FILING FEE(S) ENCLOSED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	DATE COMPLETE APPLICATION FILED <u>Sept. 19, 2001</u>		- 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 DETERMINATION MADE <u>November 20, 2002</u>	WAS APPLICATION CONTESTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			7. Unit Agreement Name
NAME(S) OF INTERVENORS(S), IF ANY: <u>NA</u>				8. Farm or Lease Name Gallegos Canyon Unit
2. Name of Operator Amoco Production Company				9. Well No. 323
3. Address of Operator P O Box 3092 Houston TX 77253				10. Field and Pool, or Wildcat Basin Fruitland Coal
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>1030</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>860</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>32</u> TWS. <u>29N</u> RGE. <u>12W</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

API No. 30-045-24615

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)

Mary Corley
SIGNATURE OF APPLICANT

Title Senior Regulatory Analyst

Date September 5, 2001

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	
<u>[Signature]</u> EXAMINER	

Hlava, Cherry L

ATTN: M. Stogner

From: Corley, Mary L
Sent: Monday, December 02, 2002 8:10 AM
To: Hlava, Cherry L
Subject: FW: NGPA Well Determinations

12-2-02
For your file
Copies of 506
GCU
Cherry Hlava



FERC Form-121.pdf

Please complete F-121 for your wells listed below.

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

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

From: Stogner, Michael [mailto:MSTOGNER@state.nm.us]
Sent: Monday, November 25, 2002 2:27 PM
To: Marilyn Rand (E-mail); Marilyn Rand (FERC-DC) (E-mail); Corley, Mary L
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

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.* **Gallegos Canyon Unit # 323**
2. Completed in (Name of Reservoir) * **Fruitland Coal**
3. Field * **Basin Fruitland Coal**
4. County * **San Juan**
5. State * **New Mexico**
6. API Well No. (14 digits maximum. If not assigned, leave blank.) **30-045-24615**
9. Measured Depth of the Completed Interval (in feet)
TOP **1469'** BASE **1490'**

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 * **Cherry Hlava**
7. Title of Such Person * **Regulatory Analyst**
8. Signature *Cherry Hlava* and Phone No. (**281**) **366 - 4081**

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

APPLICATION FOR DETERMINATION

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Stogner, MichaelCS-02-003

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