

### 30-045-2465 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

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OII CONSERVATION DUVISION

OIL CONS	SERVATION DIVISION	· n		
	040 Pacheso St. 1220 South St. Franci	5A. Indicate Type of Lease		
THOSE ONLY	Fe, NM 87505 CEILING CATEGORY DETERMINATION			
	0	STATE X FEE  5. State Oil & Gas Lease No.		
DATE COMPLETE APPLICATION FILED Sept. 19, 20	- FILING FEE(S) -			
DATE DETERMINATION MADE	a non rafundable filing for af	7. Unit Agreement Name		
WAS APPLICATION CONTESTED? YES NO	7. Unit Agreement Name			
NAME(S) OF INTERVENORS(S), IF ANY:	2, Order No. R-5878-8-3	8. Farm or Lease Name Gallegos Canyon Unit		
2. Name of Operator		9. Well No.		
Amoco Production Company		323		
3. Address of Operator		10. Field and Pool, or Wildcat  Basin Fruitland Coal		
P O Box 3092	COURT	12. County		
AND <u>860</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>32</u>	TWS. 29N RGE. 12W NMPM	San Juan		
11. Name and Address of Purchaser(s)				
El Paso Field Services				
Check appropriate box for category sought and in	nformation submitted. Enter required information	on lines Land 2 helow		
Category(ies) sought (By NGPA Section No.)		on moo r and 2, below.		
2. Filing Fee(s) Amount Enclosed: \$\( \frac{25.00}{} \)	)			
3. All applications must contain:	DIVIDED DRIVE DEPOSIT OF DELICATION			
	RMIT TO DRILL, DEEPEN OR PLUG BACK			
b. C-105 WELL COMPLETION C				
	JRVEY, IF REQUIRED UNDER RULE 111			
d. AFFIDAVITS OF MAILING O				
	t contain the items required by the applicable rule			
of the Division's "Special Reules of Application Determinations" as follows:	s for wellnead Price Celling Category			
	AS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile	or 1000 East Dagger Tast)		
	by Rule 14 (1) and/or Rule 14 (2)	of 1000 reet Deeper Test)		
	AS UNDER SEC. 102 (c) (1) (C) (new onshore r			
All items required t		eservoir)		
-	CODUCTION WELL UNDER SEC. 103			
	by Rule 16a OR Rule 16B			
-	ST NATURAL GAS (TIGHT FORMATION, DEE	CD COAL CEAN AND		
	ICEMENT) UNDER SEC. 103	P, COAL SEAM, AND		
	by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule	- 17 (5)		
	ATURAL GAS UNDER SEC. 108	(3)		
All items required by	by Dula 19			
	12 PL No	30-045-24615		
I, HEREBY CERTIFY THAT THE INFORMATION CONTAINED	FOR DIVISION USE	ONLY		
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.	Approved			
Mary Corley				
NAME OF APPLICANT (TYPE OR PRINT)	Disapproved			
MANUELO METERONI (TER ON PRINT)	The information contained herein includes a	all of the information required		
Willy louly	to be filed by the applicant unider Suppart 8			
SIGNATURE OF APPLICANT	regulation Marie Transport	array, or more day		
Title Senior Regulatory Analyst	11/1/19/1			
Date September 5, 2001	EXAMINER			
	EAGMINER			



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 Fight Francisco (oal Soa ma 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

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 coal 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:

REBECCA A. HATHAWAY
Notary Public, State of Texas
My Commission Expires
March 17, 2003

#### CHROMATOGRAPHIC GAS ANALYSIS REPORT **GALLEGOS CANYON UNIT 323**

	DRY BTU	SAT BTU	CO2 MOLE PERCENT				H2S 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 PERCEN T	NC4 MOLE PERCE NT							C10 MOLE	C11 MOLE
1	0.050	0.080	0.030	0.020	0.070	0.000	0	0	0	
2	0.000	0.000	0.000	0.000	0.004	0.000	0	0	0	Ĭ.
3	0.000	0.016	0.000	0.000	0.014	0.000	0	0	0	
4	0.037	0.042	0.017	0.010	0.044	0.000	0	0	0	

	C12 MOLE PERCEN T	N2 MOLE PERCE NT	O2 MOLE PERCENT	WATER MOLE PERCENT	ARGON MOLE PERCENT	ANALYSIS ID	SAMPLE DATE	LAB ANALYSIS DATE		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
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## Submit to Appropriate Di Si Fe Di Pi

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## State of New Mexico

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Form C-105 Revised 1-1-89

District Office State Lease - 6 copies	Enc. b., Minerals and Natural Resources Departmen
Fos Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION DIVISION
DIST: ICT II P.O. Drawer DD, Artesia, NM 88210	OIL CONSERVATION DEVICED P.O. DEC 1088 Santa Fe, New Mexico 87504-2088 NOV - 8 1994
DISTRICT III 1000 Rio Brizos Rd., Aziec, NM 87410	
WELL COMPLETION	OP BECOMBLETION SPENDS AND OF THE

WELL API NO. 30-045-24615 5. Indicate Type of Lesse STATE X FEE

6. State Oil & Gas Lease No. B11318 LL COMPLETION OF RECOMPLETION REPO In Type of Well: 7. Lease Name or Unit Agreement Name OIL WELL GAS WELL X DRY b. Type of Completion: MET DEEPEN OTHER Gallegos Canyon Unit 2. Name of Operator & Well Na BHP PETROLEUM (AMERICAS) INC. GCU 323 3. Address of Operator 9. Pool name or Wildcan P.O. BOX 977 FARMINGTON, NM 87499 BASIN FRUITLAND COAL 4. Well Location M : 1030 Feet From The \_ SOUTH 860 WEST Unit Letter \_\_\_\_ Line and Feet From The Line Section Township 29N 12W NMPM SAN JUAN 11. Date T.D. Reached 10. Date Spudded 13. Elevations (DF& RKB, RT, GR, etc.) 12. Date Compl. (Ready to Prod.) 14. Elev. Casinghead 3-14-81 5-14-94 5622 3-14-81 GR 17. If Multiple Compl. How Many Zones? 18. Intervals | Rotary Tools | Drilled By | 0 14 15. Total Depth 16. Plug Back T.D. Cable Tools 1630' KB 1497 0 - 163019. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 1472' - 1490 NO 21. Type Electric and Other Logs Run 22. Was Well Cored NO GR/CNL CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT. **DEPTH SET** HOLE SIZE CEMENTING RECORD AMOUNT PULLED 65 sx "B" w/2% CACL 2 17# 125 9-7/8" 1/4# sx celloflake

200 sx 50/50poz W/2% del. 4-1/2" 10.5# 1622 6-1/4" 1/4#sx Flocele + 5% CFR-2 TUBING RECORD 24. LINER RECORD SIZE TOP DEPTH SET BOTTOM SACKS CEMENT SCREEN SIZE PACKER SET 2-3/8" 14751 NO.

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

PRODUCTION Well Status (Prod. or Shud-in) Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) SHUT IN PUMPING Gas - Oil Ratio Gas - MCF Water - Bbl. Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl. Test Period 3/8" N/A 5-14-94 24 N/A Calculated 24-Hour Rate Water - BbL Oil Gravity - API - (Corr.) Oil - BbL Gas - MCF Flow Tubing Press. Casing Pressure 95 40 N/A PUMPING 29 psi Test Witnessed By 29. Disposition of Gas (Sold, used for fuel, vented, etc.) J.C. HARRIS VENTED 30. Lig 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

Tido MGR. FIFLD OPNSman 11-1-94 EDED LONEBY The state of state of the state of

#### 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, Ariesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

BHP Petroleum (Ame				
	ricas) Inc.	Gallegos Car	nyon Unit	323
Secuon Secuon	Townsup	Range	County	· Jaj
M 32	29 N	12 W	NMPM San	Juan
ctual Footage Location of Well:				Juan
1030 feet from the	South line	and 860	feet from the West	- line
	ducing Formation	Pool	West	Dedicated Acreage:
5622' Fr	uitland Coal	Basin Fruitla	and Cool	222
		ed pencil or bachure marks on the	plat below.	! 320 Acres
2. If more than one lease.	is dedicated to the well, outline ea	ch and identify the ownership there	of (both as to working interest a	ad royalty).
3. If more than one lease unitization, force-poolis	of different ownership is dedicated	to the well, have the interest of all	owners been consolidated by co	Annunitization,
Yes		s" 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 seccessary.				
No allowable will be assign or until a son-standard un	rned to the well until all interests bit, eliminating such interest, has be	ave been consolidated (by commun on approved by the Division.	itizatica, unitizatica, forced-poo	ling, or otherwise)
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		+	Carl Kol	lbe
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		ļ.	Regulator	y AFfairs Rep.
	1	I	Company	-
	ľ	1	BHP Petr.	(Americas) In
	<b>X</b>	1	Date	
<b>1</b>	1	i	6/8/93	
i	SECTION 32	i		
			SURVEY	OR CERTIFICATIO
	- [	<b>†</b>		
	X	!		ly that the well location was plotted from field no
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		1	belief.	
i	1	i	Date Surveyed	
			Daz Surveyes	•
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DISTRIBUTION										Revised	
SANTA FE			NEW	MEXICO	חוו - כטו	NSERVATIO	N CC	MUSSIMM		-	Type of Lease
FILE		W	ELL COMPLE						11	itate K	
U.S.G.S.									5. St		Gas Lease No.
LAND OFFICE									В-	11318	
OPERATOR							,				
IG. TYPE OF WELL				-				-	7. U	ait Agree	ment Name
b. TYPE OF COMPLE	TION	WELL	GAS WELL	X	DRY	OTHER_					s Canyon Unit
NEW IX WO	RK		PLUG		IPP.				0.1	Au or Fe	ase Name
2. Namesof Operator	EA L	DEEPE	BACK	L_I RI	ESVR.	OTHER			-	11 No.	
Energy Reser 3. Address of Operator	ves Gro	oup,	Inc.		>*			<u> </u>		323	
P.O. Box 328				32602							Pool, or Wildcat z Pictured Clif
4. Location of Well										11111	
UNIT LETTER M	LOCAT	εD	1030 FEET F	ROM THE _	Sout	h LINE AND	777	860	ET FROM	County	
aus bloot	20		20N	. 101/		MIIII	III	IXIIIII	11111	-	
THE West LINE OF 15. Date Spudded 3-14-81	16, Date 3-1	T.D. Re	eached   17. Date	Compl. (R )2-81	Ready to 1	Prod.) 18. I	Eleva L.	tions (DF, RF 5,622';	(B, RT, GR, etc.) K.B. 5,62	1 Juai 19. E	lev. Cashinghead
20. Total Depth 1,630 K.B.			Back T.D. ,583' K.B.	22.	If Multip	le Compl., Ho		23 Intervals	Rotary Tool		Cable Tools
24. Producing Interval			•	Name		11/1			10-1,030		. Was Directional Survey
24, 1 roade my merror	3), 01 (1113 (	complete	on — Top, Botton	, realic						23	Made Made
Pictured Cli			1,520' K.B.						<del>-</del>		NO
26. Type Electric and C Induction Ele			- Density 8	Neutr	on Bo	rehole C	omp	ensated		27. Was	NO NO
28.			CAS	ING REC	ORD (Rep	ort all strings	set	in well)			
CASING SIZE	WEIGH	IT LB./	FT. DEPTH	SET	ног	LESIZE		CEMENT	ING RECORD		AMOUNT PULLED
7"		17#	12	25'	9	-7/8"	65	sx "B"	w/2% CaCl	+	-0-
									flake/sx_		
4-1/2"	10	.5#	1,62	2'	6	-1/4"			50 Pozmix		
00			UEB BECORD		<u> </u>		Ge		Flocele/s		
29.			NER RECORD	I CAGUG C		5605511		30.	1	G RECO	
SIZE	TOP		воттом	SACKS	EMENI	SCREEN		2-3/8"	1,520		PACKER SET
							-	2-3/0	1,520	ND	None
31. Perforation Record	(Interval. s	ize and	number)			32.	ACID	, SHOT, FRA	CTURE, CEME	NT SQUI	EZE, ETC.
• • • • • • • • • • • • • • • • • • • •	(**************************************		,			DEPTH					MATERIAL USED
1,508'-10'	w/1 JSP	F				1,508'					gal 7½% acid
1,014 -20	11/1 031	•							+ additive	25 +	l5 ball sealers.
10 perfs											) gal 70% Qualit
		,							Foam $w/22$	<u>,500#</u>	10-20 sand.
33.						UCTION					(D. 1. C)
Date First Production		Produc	ction Method (Flo	ving, gas	lift, pump	oing - Size an	d typ	e pump)	Wel	Status	(Prod. or Shut-in)
Date of Test 5-2-81	Hours Te	sted	Choke Size	Prod'n. Test P		Oil — Bbl.		Gas - MCF 250	Water — BI 282	2	Gas - OII Railo NA
Flow Tubing Press.	Casing F	ressure	Calculated 24 Hour Rate	- Oil — E	3ы.	Gas - N	1CF 50	Wate	т — <sub>Вы.</sub> 282	Oil G	ravity - API (Corr.)
34. Disposition of Gas	(Sold, used	for fue	l, vented, etc.)						Test Witne		
VENTED DURING									1.6.	DURHA	AIYI
SAMPLE DESCR	IPTION										
36. I hereby certify tha	the inform	nation s	hown on both side	s of this j	form is tri	ie and comple	le to	the best of my	knowledge and	belief.	art
-01	11				Dn	oduction	Fn	nineer_DI	MD :	_ K_(	n6_81
SIGNED 2	20	200	~~	TI	TLE TT	ouuc t Toll	<u>C11</u>	g meer-ki	TAG UIT	<u> 5-0</u>	70-01

DISTRIBUTION  ANTA FE   NEW MEXICO OIL CONSERVATION COMMISSION    Substitute   Subs	NO. OF COPIES RECEIVED			Form C-103
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SUNDRY NOTICES AND REPORTS ON WELLS  One was use the first control of the control	FILE			
SUNDRY NOTICES AND REPORTS ON WELLS    Smith	U.S.G.S.			5a. Indicate Type of Lease
SUNDRY NOTICES AND REPORTS ON WELLS  ON OF USE THIS FORCEST OF PRESENCE TO PRESENT OF THE REALITY OF THE WEST CONTROL TO PRESENT OF THE REALITY OF THE WEST CONTROL TO PRESENT OF THE REALITY OF THE WEST CONTROL TO PRESENT OF THE REALITY OF THE WEST CONTROL THE CONTROL THE STATE OF THE REALITY OF THE WEST CONTROL THE STATE OF THE WEST CONTROL THE SOUTH CONTROL THE WEST CONTROL THE BOX TO Indicate Nature of Notice, Report of Other Data SUSSEQUENT REPORT OF:  **RESISTANT RELIGIOLA WORK CONTROL TO THE CONTROL THE CONTROL THE WEST CONTROL THE W	LAND OFFICE			State X Fee.
SUNDRY NOTICES AND REPORTS ON WELLS  WILL Service Control of the C	OPERATOR			
10. WELL WORK PRINCE AND THE SOUTH PROPERTY OF THE PROPERTY OF				D-11310
State of Departure Street Properties Street Street Properties Street Str	(DO NOT USE THIS FORM FOI USE "APPL	NDRY NOTICES AND REPORT PROPOSALS TO BRILL OR TO BEEPER CT. ICATION FOR PERMIT -" (FORM CT.)	ORTS ON WELLS N OR PLUG BACK TO A DIFFERENT RESERVOIR. DI) FOR SUCH PROPOSALS.)	
Energy Reserves Group, Inc.  P.O. Box 3280 - Casper, Wyoming 82602  **A Location of Well ONT CETTER M 1030 PET FROM THE SOUTH LINE AND 860 PET FROM WELL P I cettured Cliff  THE WEST LINE, SECTION 32 TOWNSHIP 29N AND 12W SMAPLE.  Check Appropriate Box To Indicate Nature of Notice, Report of Other Data SUBSEQUENT REPORT OF:  **CHECK Appropriate Box To Indicate Nature of Notice, Report of Other Data SUBSEQUENT REPORT OF:  **CHECK ALTER CASING STREET AND COLUMN TREATMENT OF THE ADDRESS		OTHER-		Gallegos Canyon Unit
3. Addition of Opening State of Opening 19, Manager 19	2. Name of Operator			8. Farm or Lease Name
R. Location of Well  WHIT LETTER  M. 1030   PEET FROM THE SOUTH   LINE AND   860   PEET FROM WEST KUTZ PICTURED CLIFF  THE WEST   LINE, SECTION   32   TOWNSHIP   29N   RAMEE   12W   MAPPH.  IS. PLOY AND ARRANDO   PLOY AND ARRANDO   SUBSEQUENT REPORT OF:  **CAL 5,622' - K.B. 5,624'   Is. Commy San Juan    NOTICE OF INTENTION TO:  **PULS AND ARRANDO   PULS AND ARRANDO   CHANGE PLANS   COMMENCE CONTLINE AND ARRANDO   COMMENCE CONTLINE AND A		roup, Inc.		
A LOCATION OF Well  UNIT LETTER  M				9. Well No.
West Kutz Pictured Cliff THE WEST LINE, SECTION 32 TOWNSHIP 29N RANGE 12W NUMBER  SUBSCUENT REPORT OF:  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  SUBSCUENT REPORT OF:  PLUE AND ABABDON CHANGE PLANS COMMERCE ORALLING OFFIS.  THE GRANGE PLANS COMMERCE ORALLING OFFIS.  THE ABANDON CHANGE PLANS COMMERCE ORALLING OFFIS.  THE ABANDON CHANGE PLANS COMMERCE ORALLING OFFIS.  The above referenced Well was spudded @ 3:00 AM 3-14-81.  Drilled 9-7/8" hole to 125". Ran 3 jts 7" 0.D., 17#, H-40, R-3, ST&C new casing set @ 125".  Cemented W/65 sx of Class "B" cement W/2% CaCl <sub>2</sub> & 1/4# Celloflake/sx. Plug down @ 6:45 AM 3-14-81.  Drilled 6-1/4" hole to 1,630" and ran logs.  Ran 40 jts 4-1/2" 0.D., 10.5#, K-55, R-3, ST&C new casing set @ 1,622". Cemented W/200 sx of 50-50 Pozmix W/2% Cal & 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.		sper, Wyoming 82602	)	
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:  PLUG AND ABANDON  TEMPORABILY ABANDON  PULL OR ALTER CASING  OTHER  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 1 too.  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% CaCl & 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.	M	1030 FEET FROM THE	South LINE AND 860 FEET F	West Kutz Pictured Cliff
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#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

#### L CONSERVATION DIVISI

### P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

Operator				Lease Well No.						
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## 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
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	Goal 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

Sr. Regulatory Analyst

Enclosures

OUL CONSERVATION OUL CONSERVATION OUL CONSERVATION

Offic Rece	cial Receipt eived from: R	C-OCD/SF-	Kothy Valdes	Date: <b>9/19</b> Dollar Amount	× 20
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Amoco Production Company 509 South Boston Tulsa, OK 74103

62-20 311

CHECK NO. 0800316676

09/10/01

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

\*\*\*\*\*\$150.00

NOT VALID AFTER 6 MONTHS

Authorized Signature

One hundred fifty and 00/100 Dollars

TRACE NUMBER:

2000087672

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

#POS00316676# ##031100209#

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Submit 3 Copies To Appropriate District Office	State of	New Me	xico			m C-103
District I	Energy, Minerals	and Natu	ral Resources	MALL A DI MO	Revised Mar	ch 25, 1999
1625 N. French Dr., Hobbs, NM 88240 District II				WELL API NO.	-045-24615	12 Dord
811 South First, Artesia, NM 88210	OIL CONSERV			5. Indicate Type		Je son
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE	FEE I	<u> </u>
District IV	Santa F	e, NM 87	7505		Gas Lease No.	
1220 S. St. Francis Dr., Santa Fe, NM 87505				B1131		
SUNDRY NO DO NOT USE THIS FORM FOR PROPORTION OF THE PROPOSALS.)		PEN OR PLU	JG BACK TO A	7. Lease Name of Gallegos Canyon		ent Name:
Type of Well:     Oil Well □ Gas Well	V Othor		A 80%			
Oil Well Gas Well  2. Name of Operator	X Other		2000	8. Well No.		
BP America Production Company	Cr	a Aug	2002	323	3	
3. Address of Operator	<u>ू</u>	G AL.	Grand Call	9. Pool name or		
P.O. Box 3092 Houston, Tx 77	253			Basin Fruitland		C, West
4. Well Location	le company de la		53			
Unit <u>Letter M</u>	1030 feet from the Sou	th CZZ	line and 860	feet from the	West li	ne
Section 32	Township	29N	Range 12W	NMPM	San Juan	County
	10. Elevation (Show					
	1002103	5622' GR		a.z.		
	Appropriate Box to In	dicate N				
	NTENTION TO:	. —		SEQUENT RE		
PERFORM REMEDIAL WORK	→ PLUG AND ABANDON	<b>1</b> $\square$	REMEDIAL WOR	K 🗀	ALTERING (	CASING L
TEMPORARILY ABANDON [	☐ CHANGE PLANS		COMMENCE DRI	LLING OPNS.	PLUG AND ABANDONM	ENT
PULL OR ALTER CASING [	MULTIPLE COMPLETION		CASING TEST AN	ND 🗆		
OTHER:			OTHER: Re-ente	er PC & DHC w/F	С	
12. Describe proposed or composed wor of starting any proposed wor or recompilation.						
BP America Production Compa production down hole with the						e
This subsequent report is to sh downhole commingling the Fru				ıly 11, 2002 and v	vell is currently	
I hereby certify that the informat	ion above is true and comp	lete to the	best of my knowled	lge and belief.		
	,//		,	0		
SIGNATURE ( herry )	lava	TITLE_	Regulatory Analyst	DA	TE_08/01/02_	
Type or print name Cherry	Hlava		Telep	hone No. 281-36	6-4081	<u>.</u>
(This space for State use)	$\mathcal{L}$	-	M1 2 4 2 4 4 10	SPECTER BUET A	4110	F :
APPPROVED BY Conditions of approval, if any:	Myl	_TITLE_	LAIL MAY P AND IN		DATE -	- 5 2002
Conditions of approval, it ally.	'					

Submit 3 Copies To Appropriate District	State of 1	Novy Mo	vias		F C 102
Office					Form C-103
District 1 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals	and Natu	rai Resources	WELL API NO.	Revised March 25, 1999
District II	OIL CONSERV	ATION	DIVISION		045-24615
811 South First, Artesia, NM 88210 District III	1220 South			5. Indicate Type	of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe			STATE	X FEE
District IV 1220 S. St. Francis Dr., Santa/Fe, NM 87505	Santa Te	, 14141 07	303	6. State Oil & C B11318	Gas Lease No.
	ICES AND REPORTS ON	JWELLS			r Unit Agreement Name:
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	SALS TO DRILL OR TO DEEP	FOR ALL	ir sucht		
1. Type of Well:		DEC	200	Gallegos Canyon	Onit
Oil Well Gas Well 2  2. Name of Operator	X Other	O'CC	2001 B	8. Well No.	
Amoco Production Company		ON CO	i so	323	
Address of Operator	10	U37.	3	9. Pool name or	
P.O. Box 3092 Houston, Tx 7725	53	e De			Coal & Kutz PC, West
4. Well Location		681	9975		
Unit Letter M 10	30 feet from the South	1	line and _860	feet from the	West line
Section 32	Township  10. Elevation (Show w	29N	Range 12W		San Juan County
	ESS .	622' GR	t, KKD, K1, GK, etc	.)	
11. Check A	Appropriate Box to Inc	licate Na	ature of Notice, I	Report or Other	Data
NOTICE OF IN				SÉQUENT RE	
PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WOR		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI	LLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN	ID	ABANDONWENT
OTHER: Re-enter PC & DHC w/F	-c	×	OTHER:		
12. Describe proposed or complet	ted operations. (Clearly st	ate all per	tinent details, and g	ive pertinent dates,	including estimated date
of starting any proposed work) or recompilation.	). SEE RULE 1103. For N	Multiple C	Completions: Attach	wellbore diagram	of proposed completion
Amoco Production Company reque	ests permission to re-enter	the Kutz I	Picture Cliffs, West	pool and comming	le production down hole
with the existing Basin Fruitland C	oal Pool as per the attache	d procedu	re.	-	•
The Basin Fruitland Coal (71629)	& Kutz Picture Cliffs, Wes	st (79680)	Pools are Pre-Appr	oved for Down hol	e Commingling per
NMOCD CASE NO.12520, ORDE these two pools, this same order es					
wellbores within the Gallegos Can					
prior to down hole commingling ap	proval.				
Production is proposed to be alloca	ited based on the subtraction	on method	using the projected	I future decline for	production from the
Basin Fruitland Coal. That product					
well. The balance of the production for the Basin Fruitland Coal. Communication					
and a call a sastal as a state of a sastal as	.1				o vim noc rodado dio
I hereby certify that the information	DAC	60	5/4/		
I hereby certify that the information	n above is true and comple	ete to the b	est of my knowledg	ge and belief.	
SIGNATURE Chirty H/a	eva	TITLE P	ermitting Analyst	DA	ATE_12/19/01
Type or print name Cherry H	Ilava		Teleph	none No. 281-366-	4081
(This space for State use)	1//	OFF	TY ON R GAS INS	ECTAD	DEC 24 2001
APPPROVED BY	Naul1_	TITI E	a 41/2 1833	TLIDA, DIFT, AN	DATE
Conditions of approval, if any:	W Jan	) (~ (~ ()	://		DAIE
V S	NH01362	5000	7		

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

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

Form C-102 Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

 I AMENDED REPORT	

			WELL LO		ION AND ACR	EAGE DEDIC	CATION PLA	AT	
	PI Number			<sup>2</sup> Pool			<sup>3</sup> Pool Na		
	)45-24¢	15		796	580		utz <u>Pictured</u> (	<u>Cliffs, We</u>	
<sup>4</sup> Property C					5 Property				<sup>6</sup> Well Number 323
000570					Gallegos Can Operator				9 Elevation
000778						5622'			
000778	<u>'</u>				0022				
					<sup>10</sup> Surface	Location			
UL or löt no.	Section	Townsh	ip Range	Lot Id	n 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	Botton	Hole Location I	Different From	Surface		
UL or lot no.	Section	Townsh	ip Range	Lot Id	n Feet from the	North/South line	Feet from the	East/West	line County
12 Dedicated Acres	13 Joint or	r Infill	14 Consolidation	Code	15 Order No.				
160 Ac.									
NO ALLOW	ABLE W	ILL BE							NSOLIDATED OR A
		<u>.</u>	NON-STA	NDARI	D UNIT HAS BEEN	APPROVED BY			
16							- 11		CERTIFICATION
							1		formation contained herein
							1	complete to the	e best of my knowledge and
							belief.		,
					6350	23200	Che	rry H	ana
					A SUCI	A CONTRACTOR OF THE PARTY OF TH	Signature	1/1/	
					D. D.		į.		
					19 PE	2001	Printed Name	Cherry	Hlava
					(S)			Regulatory	Analyst
						on Day	Title		
	ŀ				6	"·· 3"		12/	19/2001
					May -	- N. W.	Date		
					PROPORTION OF THE PARTY OF THE	1.4.9.3.			
		- 6							RTIFICATION
							ll .		ocation shown on this plat was ual surveys made by me or under
							H		ame is true and correct to the bes
							of my belief.		
							Date of Surve	у	
		_					li li	Seal of Profession	onal Surveyor:
860'									
I									
000							000	IGINAL ON	1 FTL F

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

#### State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

Form C-102 Revised August 15, 2000

Submit to Appropriate District Office

ORIGINAL ON FILE

Certificate Number

State Lease - 4 Copies

Fee Lease - 3 Copies

2040 South Pacheo	co, Santa F	e, NM 8750		TEIT I	<b>ገ</b> ር ለ 1	ΓΙΛ		REAGE DEL	NC A T	TON ĎI /		AMENT	DED REPORT
	API Numi	ner .	VV	TELLIC	<sup>2</sup> P00			KEAGE DEL	<u> </u>	Pool Na	ime		
l .	045-24					629	1		Be	sin Fruitle			
<sup>4</sup> Property		1			/ 1	<u> </u>	<sup>5</sup> Propert	v Name		ASITI I I GITTI	and Sour	<sup>6</sup> Well	Number
00057							Gallegos Ca						23
OGRID 7							8 Operato						vation
00077							Imoco Product						22'
00077	<u> </u>						INIOCO FIOGUE	non company				<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		1					10 Surface	Location					
UL or lot no.	Section	Townsl	hip	Range	Lot I	dn	Feet from the	North/South line	e Fo	et from the	East/West lin	ne	County
Unit M	32	291	٠ ١	12W			1030'	South	1	860'	West		San_Juan
OIIII M	32	EDI			D = 44 = =	TI			om Cur				
UL or lot no.	Section	Townsl	h.j.,	Range	Lot I		Feet from the	If Different Fre		et from the	East/West lin	10	County
DE OF IOURO.	Section	1 OWLIST	mp	Nauge	Lot	un	reet nom the	North South Inte		et i om the	Dage West III		County
12 Dedicated Acre	as 13 Inint	or Infill	14.0	onsolidation	Code	15 0	rder No.	1					
	es Joint	or min	"	HISOHOMION	Code	ľ	Idei Ivo.						
320 Ac.			L			_							
NO ALLOV	VABLE	WILL BE						N UNTIL ALL II				SOLIDA	TED OR A
			N	ON-STA	NDAK	ט נ	NII HAS BEE	N APPROVED	BYIH				
16										1	RATOR C		
											tify that the info		
					4					is true and	complete to the b	est of my	knowledge and
										belief.	. ,		
										1	1/ 11	/	
											nerry H	lava	
					1					Signature	7		
											Cherry Hlo	างก	
					1					Printed Name			
											Regulatory	Analyst	
										Title		· · · · ·	
							63 33	27.21					
							20 5100	C3 C4 25 3			12/19/2001		
					1		1000	23747576		Date			
							DE	C 2004	1				
					1		E REC	FILE &	ᆌ	18SURV	EYOR CER	TIFICA	TION
							E OILC	DAI DO			fy that the well loca		
					1		Vin DAS	1.3	7	plotted from f	ield notes of actual	surveys mad	de by me or under
							(c)	G.	,	my supervisio	n, and that the sam	e is true and	correct to the best
							W. Mar	الرائي .		of my belief.			
							6.6	EIVED SE					
										Date of Surve	y		
01.1										li .	Seal of Professiona	l Surveyor	
860'										J-8-14 414			

# 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:

- 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' PBTD.
- 6. PU 30' above Fruitland Coal perfs and flow well back 30 minutes. RIH to PBTD, cleaning out again if necessary. Repeat step until sand feed-in stablizes.
- 7. POOH, laying down 2-3/8" tubing.
- 8. PU x RIH with new 2-7/8" NUE polyethylene lined thg with turned down collars:
  - a) Cut off joint
  - b) SN
  - c) 2-7/8" tbg to surface
  - d)  $2-7/8" \times 2-3/8"$  crossover
  - e) 2-3/8" hanger joint

Land tbg at +/- 1545'.

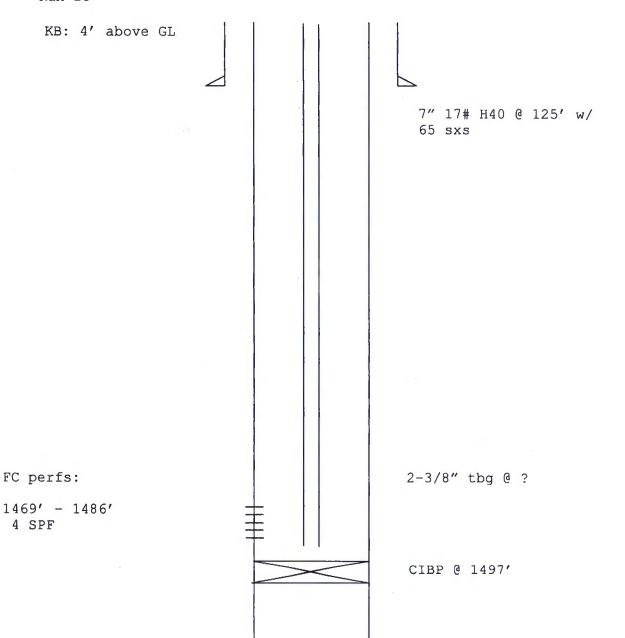
- 9. ND BOP. NU tree.
- 10. RIH with rods and redressed pump. Hang well off and check pump action.
- 11. RDMO SU.

Allen Kutch

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

GCU 323.doc Page 1

GCU 323 San Juan County, NM Unit M Section 32 of R29W - T12N Run 25 12-18-2001 ATK



PC perfs:

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

> PBTD: 1583' TD: 1630'

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

w/ 200 sxs

	CDGAS	<b>GCU 323 Fruitland Coal Forecast</b>
Date	(Mcfd)	
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	2 44	
12/1/2002	44	
1/1/2003	3 44	
2/1/2003	3 44	
3/1/2003	3 44	
4/1/2003	43	
5/1/2003	43	
6/1/2003		
7/1/2003	43	
8/1/2003	3 43	
9/1/2003		
10/1/2003	42	
11/1/2003	42	
12/1/2003	42	
1/1/2004	42	
2/1/2004	42	
3/1/2004		
4/1/2004		
5/1/2004	41	
6/1/2004	41	
7/1/2004	41	
8/1/2004	41	
9/1/2004	41	
10/1/2004	41	
11/1/2004	40	
12/1/2004	40	
1/1/2005	5 40	
2/1/2005	5 40	
3/1/2005	5 40	
4/1/2005	40	
5/1/2005	39	
6/1/2005	39	
7/1/2005	39	
8/1/2005	39	
9/1/2005	39	
10/1/2005		
11/1/2006		

11/1/2005 12/1/2005

1/1/2006

39 38

38

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

Form C-104 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

PO Drawer DD, Artesia, NM 88211-0719

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

AMENDED REPORT

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

		An	Operator	Name and Add	iress				ATION T	2	OGRID Nu 000778	mber B					
		P.0	70 Broa O. Box 8 enver, C		201					<sup>3</sup> Reason for Filing Co							
	PI Number 145-2461	5			Bas		ool Name ruitland C	oal				<sup>6</sup> Pool Code 71629					
	perty Code 00570				Gal		perty Name S Canyon	Unit		9 Well No. 323							
UL or lot no.	Section 32	Township 29N	Range 12W	Lot Idn	Feet from		North/Sour		Feet from the	East/W	est line	County SAN JUAN					
UL or lot no.	Section 3	Hole Loc Township	Range	Lot Idn	Feet from	the	North/Sou	th line	Feet from the	East/W	est line	County					
Lse Code	•	Method Cod		Connection Date	e 15 C-12	9 Pern		16 (	>129 Effective I	Date	<sup>17</sup> C-1	<sup>17</sup> C-129 Expiration Date N/A					
II. Oil an  Transport OGRID  7057	ter	El P	Transporte and Add aso Nat .O. Box	ural Gas			<sup>20</sup> POD 0570730	2	G		DD ULSTR and Descrip						
												. 2007					

District I PO Box 1980, II District II PO Drawer DD, District III 1000 Rio Brazos District IV PO Box 2088, St	Artesia, Ni Rd., Aztec	M 882)1:07[9:33 REG , NM 87410	i AM	Energy, Minerals OIVISION OIL CONSI P Santa Fo	of New Mex & Natural Resource ERVATION D O Box 2088 e, NM 87504	DIVISI 1-2088	ON ,	` ,	Ir it to Appropr	Form C-104 February 21, 1994 structions on back iate District Office 5 Copies ENDED REPORT				
				me and Address					<sup>1</sup> OGRID Num					
RH	IP PETR	OLEUM (AM	FRICAS	:) INC				2	217					
					XICO 87499	9			Reason for Filing	Code				
1	Pl Number				5 Pool Name	e.			•	Puol Code				
30 - 0 45-	24615			BASIN FRUI	TLAND COAL				7	1629				
<sup>7</sup> Pr	operty Code 2038		GALLEGOS CANYON UNIT ELEV. 5622					* Well Number						
II. 10 S	Surface	Location												
Ul or lot no.	Section	Township	Runge	Lot.ldn	Feet from the	North/So	uth Line	Feet from the	East/West line	County				
М	32	29N	12W		1030	SOUT	ГН	860	WEST	SAN JUAN				
11 ]	Bottom	Hole Loca	tion	•				· - · · · · · · · · · · · · · · · · · ·						
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/So	uth line	Feet from the	East/West line	County				
12 Lse Code	13 Produc	ing Method Code	14 Gas	Connection Date	15 C-129 Perm	it Number		C-129 Effective I	Dute 17 C	129 Expiration Date				
S	PUMPI	NG	1	.981	N/A			N/A		N/A				
III. Oil a	_	Transporte		.502	1 1771			14/14		ΙΙ, Λ				
"Transpor	rter	1º T	runsporter and Addre		20 PO	D	и O/G	POD ULSTR Location and Description						
7057	P	L PASO NA .O. BOX 4 ARMINGTON	990	GAS 87499	570 7	30	GAS							

MOV

.

## State of New Mexico

Submit to Appropriate District Office		Energy	, Minerals	and Natural R	esourc	ces Departm	nent			Revise	d 1-1-89
State Lease - 6 copies Fee Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs,	G1F 2043A	OIL	CONSI	ERVATA P.O. Book	i C	EPW	個別		30-045-2	24615	
DISTRICT II P.O. Drawer DD, Artes	ia. NM 88210	19 8	Santa Fe	New Merico	8750	4-2088	4 4	5. Indicate Typ	STAT	TE X	FEE 🔲
DISTRICT III 1000 Rio Brazos Rd., A					n c	ו ואשי	PUM	6. State Oil &	Gas Lease No. B11318		
WELL (	COMPLETION C	OR RE	COMPLE	TION REPOR	TA	ALOG <sub>D</sub>					
la. Type of Well: OIL WELL			DRY	OTHER				7. Lease Name	or Unit Agree	ment N	ime
b. Type of Completion NEW WORK WELL OVER	DEEPEN	PLUG BACK	X R	ESVR OTHER				Gallegos	Canyon	Unit	
2. Name of Operator	HP PETROLEUN	A (AM	EDTCASI	TNC				8. Well No. GCU 323		-	
3. Address of Operato		T (AP	ERICAS	ING.				9. Pool name	or Wildcat		
	.0. BOX 977	FARM	INGTON,	NM 87499				BASIN FF	RUITLAND	COAL	
4. Well Location Unit Letter	1000					_Line and _	860	Feet F	om The	WES	TLine
Section	32	Tow	nahip (	29N <b>R</b>	ange	12W	NI	APM S	SAN JUAN		County
10. Date Spudded	11. Date T.D. Reach		12. Date Co	mpl. (Ready to Pr	od.)	13. Elev	ations (DF	& RKB, RT, GI	R, etc.) 14	. Elev. (	asinghead
3-14-81	3-14-81			5-14-94	Uo	19		2 GR		able To	da .
15. Total Depth 1630 KB	16. Plug Bac	1497	. '	17. If Multiple Commany Zones?	npt ric	100	Dailed By	Rotary Tool	1630' i		
19. Producing Interval(n 1472 - 149	), of this completion							[2	0. Was Directi N		vey Made
21. Type Electric and C	ther Logs Run			<del> </del>				22. Was We	II Cored	0	
	G	R/CNL								0	
23.				ECORD (R			s set in	well)	ECORD	AM	OUNT PULLED
CASING SIZE	WEIGHT LI	B/FT.		<b>H SET</b> 25 t		7/8"	65 sx	MENTING R "B" w/2	% CACL 2		OUNT FOLIAL
	1/π			20			1/4#	sx cello	flake		
				201		1 / A II	1200 0	E0/E0n	07 14/29	dol	
4-1/2"	10.5#		16	22	6	1/4"	1/4#s	x 50/50p x Flocel	e + 5% C	HR-2	
24.		LIN	ER RECO	RD			25.	TU	BING REC	ORD	
SIZE	TOP		OTTOM	SACKS CEME	NT	SCREEN		SIZE	DEPTH :		PACKER SET
								2-3/8"	1475'		NO
D 6 4 2 2		2 224	aumber)			27 ACID	SHOT	FRACTUR	E CEMEN	T. SOL	JEEZE, ETC.
	cord (interval, siz					DEPTH IN		AMOU	NT AND KIN	D MAT	ERIAL USED
	1486' 90 deg					1472' to	1490				id FF 000#
4 JSPF SH TOTAL 68	OOTING A .39	" HUL	_Ł		-		· · ·		OSSLINK BRADY SA		55,000#
	HULES			PRODUC	TION	J		1 20/ 40	BIGIB! O.		
28. Date First Production		Product	ion Method (/	Flowing, gas lift, p	umping	- Size and ty	pe pump)				or Shid-in)
				PUMPING				ice	SHUT Water - Bbl.	IN	Gas - Oil Ratio
Date of Test	Hours Tested	1	Choke Size	Prod'n For Test Period		I - Bbl.	<b>Gas - N</b> 95	ACF	40		N/A
5-14-94	24		3/8" Calculated 24			N/A Gas - MCF		/ater - BbL	Oil Grav	ity - AP	- (Corr.)
Flow Tubing Press.	Casing Pressure 29 psi		Hour Rate	N/A		95		40		N/A	
PUMP I NG  29. Disposition of Gas		ented, et	c.)						itnessed By	- 11A	nn i c
			VENTE	ED					J.(	<u>с. на</u>	кк15
30. List Attachments										: -4	
31. I hereby certify to	hat the information	shown	on both side	s of this form is	true a	nd complete	to the bes	t of my knowi	edge and bel	LEJ	
						.OWERY					11-1-94
Signature	RED LOWERY			TAGIET							

#### **INSTRUCTIONS**

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

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	Southeastern New Mexico				Northwestern New Mexico				
T. Anhy			T. Canyon	T. Ojo	Alamo		T. Penn. "B"		
T Salt			T Strawn	T. Kirtl	and-Fruit	lland	1. Penn. "C"		
B Colt			T Atoka	T. Picta	red Cliff	ż ż	T. Penn. "D"		
T Vates			T Miss	T. Cliff	House _		T. Leadville		
T 7 Rive	erc 27°		T Devonian	T. Men	efee		T. Madison		
т. / ю. Т. Опеев			T Silurian	T. Poin	Lookou	t	T. Elbert		
T. Covh	uro		T Montova	T. Man	cos		T. McCracken		
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No. 3, fr	om								
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Subrat to Appropriate Distinct Office State Lease - 4 copies Fee Lease - 3 copies

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

OIL CONSERVATION DIVISION

Form C-102 Revised 1-1-89

Energy, Minerals and Natural Resources P voment

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

JUN DIVISION VED

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

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

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

BRIP PRETCOLOUM (Americas) Inc.  Callegos Canyon Ulit  323  Vent Americas Section  M 32 29 N 12 W NORM San Juan  County  American of Well:  1030 first from the South See and Section of Well:  1030 first from the South See and Section of Well:  1030 first from the South See and Section of Well:  1030 first from the South See and Section of Well:  1030 first from the South See and Section of Well:  1030 first from the South See and Section of Well:  1030 first from the West line  Section 320 Acres  1. Outlies the arrange decidenate to the well, outlies ends and identify the overwhip the theorem.  2. If more than one lease is decidenated to the well, outlies ends and identify the overwhip the theorem been consociidated by communication.  3. If more than one lease of different overwhip is decidenated to the well, have the increase of all overwhip been consociidated by communication.  3. If more than one lease of different overwhip is decidenated to the well well that form is accessary.  No if never well to be angued to the well well well interests have been consociidated (fig communication), minimates, forced-posing, or otherwise)  In any the secondary of the well well well all interests have been consociidated (fig communication), minimates, forced-posing, or otherwise)  OPERATOR CERTIFICATION  I havely carrify that the well location is minimates, and the information of the secondary of the second	Operator				Leas		-	Well No.	
Section   Sect	BHP Petro	leum (Americ	as) Inc.		Gallegos	Canvon Hair		323	
Actual Products Centure of Well:  1030 feet from the South 1030 feet fr	Unit Letter	Secuos			Range		County	72.1	
1030 fee from the South line and 860 fee from the West line  Ground leave liev Producing Formance  Food 1032 Fruit land Coal 1030 Fruit land Coal 1030 Acres  1. Outline the arrange dedicated to the subject well by colored people or jacobest marks on the pin below.  2. If more than one lease is dedicated to the well, cuttine such and identify the ownership thereof (both as to working internst and royalty).  3. If more than one lease of different coverenthip is dedicated to the well, have the internst of all owners been consolidated by communication, unstitution, force-pooling, and?  Yes I never it is not the season and trust descriptions which have actually been commoditated. (Uni nevers side of this form if seccessary.)  No allowed well be satigned to the well until all interests have been consolidated (by communication, unstitutions, forced-pooling, or otherwise) or usual a soc-standard unit, eliminating such interest, has been approved by the Division.  OPERATOR CERTIFICATION Interest in the seal until standard have in in the same of medical and the information of the season of the pink working and blaid.  Segulatory Affairs Rep.  Carl Kolbe.  Position  Regulatory Affairs Rep.  Carl Kolbe.  Fosition  Surveyor Certification in the same is true content and the same of my homededge and blaid.  Segulatory Affairs Rep.  Carl Kolbe.  Differ 8  Surveyor Certification in the same is true covered to the bear of my homededge.  Differ 8  One Surveyed  Original on file  Certificate No.		32	29 N		1.2 W	NMPM	San J	ian	
Ground leve Elev. Producing Formance Pool  5622 Full Land Coal Basin Full Land Coal 200 Acres  1. Outlike the arrange dedicated to the subject well by colored peaced or justices marks on the pia below.  2. If more than one lease is dedicated to the well, cutties such and identify the overerhip thereof (both as to working interest and royshy).  3. If more than one lease of different convertibility is dedicated to the well, have the interest of all owners been consolidated by communication, unstitution, force-opening, set.?  Yes No all markets and the descriptions which have scandidated. (Its reverse side of this form if secondary.)  No allowable will be satigned to the well until all interests have been consolidated (by communication, unstitution, forced-pooling, or otherwise) or until a son-employed that it some subject will be satigned to the well until all interests have been consolidated (by communication, unstitution, forced-pooling, or otherwise) or until a son-employed that it is information therein in the seal complete it has of any howevelege and helid.  Supplies  SECTION 32  SECTION 32  SECTION 32  SECTION 32  SECTION 32  SECTION 32  DEE 9 1994  OUIL GOING DEFENDED  OUIL GOING DEFENDED  Out Spanner & Seal of Professional Acres in the seal of my howeveledge and their in the same in the convert to the best of my howeveledge of my how									
1. Outline the acreage dedicated to the subject well by colored peaced or backware marks on the plat below.  2. If more than one lease is dedicated to the wall, outline such and identify the ownership thereof (both as to working interns and royalty).  3. If more than one lease of different conversibility in dedicated to the well, have the interns of all owners been consociidated by communication.  1. If more than one lease of different convership is dedicated to the well, have the interns of all owners been consociidated by communication.  1. If more than one lease of different conversibility is dedicated to the well, have the interns of all owners been consociidated by communication.  1. If more than one lease is dedicated in the well in the well, have the interns of all owners been consociidated by communication.  1. If more than one lease is dedicated to the well, have the interns of all owners been consociidated by communication.  1. If more than one lease is dedicated to the well interns that have standly been consociidated. (Unreverse side of the former of secondary.)  1. If more than one lease is a secondary of the well interns that have been consociidated. (Unreverse side of the former of the secondary of the secondary of the secondary of the secondary of the secondary.)  1. If more than one is a secondary of the second				line and		feet from t			
1. Outlies the acreage declicated to the subject well by colored period or landsour marks on the plat below.  2. If more than one lease if different overethip is declicated to the well, have the interest of all owners here consocidated by communication, untilization, force-pooling, etc.?    Yes		1	•				į!	Dedicated Acreag	, <b>e:</b>
2. If more than one lease is dedicated to the well, outline such 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 consocidated by communication, until manufactured of all owners and the description which form in faccinating.  If narver is 'so' list the owners and truck description which have actually been consocidated. (Use reverte side of this form is account.)  No allowable will be salepast to the well until all interests have been consocidated (by communication, until manufactured, indication) and interests and the sale of the control will be salepast to the well until all interests have been approved by the Division.  OPERATOR CERTIFICATION I hareby carrily that the information that there is no rise and complete to hear of my how-dedge and belief.  SECTION 32  SECTION 32  SECTION 32  SECTION 32  OPERATOR CERTIFICATION I have by communication there is no rise and complete to hear of my how-dedge and belief.  SECTION 32  SECTION 32  SECTION 32  OPERATOR CERTIFICATION I have by communication there is no rise and complete to hear of my houndards and the place was a communication to the same in t		the acreson dedicate	land Coal	v colored av	Basin Frui	tland Coal		320	Acres
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1_				
Submit 3 Copies		State of New Me	,	Form C-103
to Appropriate	RV - IN DIVISION	i i	sources Department/	Revised 1-1-49
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OT CON	SERVATIO P.O. Box 208	N DIVISION	WELL API NO. 30-045-24615
P.O. Drawer DD, Artesia, HM EB210	g ang Sang Fe	, New Mexico		S. Indicate Type of Lease STATE FEE
DISTRICT III 1000 Rio Brizos Rd., Azzec, NM 874	10		/	6. State Oil & Gas Lease No. B-11318
( DO NOT USE THIS FORM FOR DIFFERENT RE	OTICES AND REP PROPOSALS TO DRIL (SERVOIR, USE "APPL M C-101) FOR SUCH P	L OR TO DEEPEN LICATION FOR PER	OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
i. Type of Well: OIL OAS WELL WELL WELL	[ <del>V</del> ]	OTHER		GALLEGOS CANYON UNIT
2. Name of Operator	<u> </u>	UINEX		8. Well No.
BHP PETROLEUM	(AMERICAS)	TNC.		GCU #323
3. Address of Operator	(AMBRICAD)	INCI	<del></del>	9. Pool name or Wildcat
P.O. BOX 977	FARMINGTON,	NEW MEXIC	0 87499	Basin Fruitland Coal
4. Well Location		0		West
Unit LetterM :	1030 Feet From The	South	Line and	860 Feet From The West Line
Section 3	2 Township	29N R	inge 12W	NMPM San Juan County
			DF, RKB, RT, GR, etc.)	V/////////////////////////////////////
		. 5	622' GR	
11. Che	ck Appropriate B	ox to Indicate l	Nature of Notice, R	Report, or Other Data
NOTICE OF	INTENTION TO	:	I SUE	SEQUENT REPORT OF:
10) IS (C) I		_		
PERFORM REMEDIAL WORK	ON LEVEL DE	ABANDON .	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDONDEC	C - CHAMGE PL	ANS 🗍	COMMENCE DRILLIN	G OPNS. The PLUG AND ABANDONMENT
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ें विकास के जिस्से के लिए	M Cane		CASING TEST AND C	
OTHER:	No DIV		OTHER:REC	OMPLETION
12. Describe Proceed or Completed	lo 3	Il periner detaile e	ad ains persional dates incl	uding estimated date of starting any proposed
work) SEE RULE 1103.	Springer (Citaly state)	a perioding usious, e.	es give periodic cases, each	mand strougher and a terrind and broken
				6 4FFR/ be 4000/
03/10/94 - MI	RU workover	rig. Rar	GR-CCL log	from 1557' to 1200'.
se 3-	t CIBP @149	). Test	esg. to 2500	psi. Perforated
02/11/04 = Mr	ied fractur	ing well w	with N2 foam-	-screened out-prepared
03/11/94 - 11	pump a cros	sslink job	).	Dolouse out property
03/12/94 - Fr	actured well	with cro	sslink del a	and 55,000 lbs. sand.
Ra	n 2-3/8" tbo	and tac	sand @1352'	kb. Circulate hole
cl	ean to PBTD	Landed	2-3/8" tbg.	at 1352'kb.
03/13/94 - Sw				
03/15/94 - Re				
03/23/94 - MI	RU workover	rig and n	an rods and	pump-Released rig-
Put	mp tested we	ell.		
05-14-94 - Te	st: 95 MCFP	D, 40 BLWI	PD, CSG 29psi	i through a 3/8" choke.
I hereby cartify that the information about	s true and complete to the b	est of my knowledge so	d belief.	
SIGNATURE SIGNATURE				ON SUPT. 12-05-94
TYPE OR PROHYNAME / J	.C. HARRIS		······································	тецерноме но 327-1639
(This space for State Use)				
5/			SUPERVISOR (	DISTRICT #3DEC - 6 199
APPROVED BY	<del></del>	TI	TUS ————	DATE
CONDITIONS OF APPROVAL, IF ANY:				

Submit 3 Copies  to Appropriate  District Office  State of New M  Energy, Minerals and Natural R  DISTRICT 1  SIL CONSERV. UN DIVISION CONSERVATION  OF CONSERVATION CONSERVATION  OF CONSERVATION CONSERVATION  OF CONSERVATION CONSERVATION  OF CO	exico  esources Department  Revised 1-149
P.O. Box 1980, Hobbs, NM 88246 P.O. Box 20	WELL API NO. 30-045-24615
P.O. Drawer DD, Assess NH 1822101 1111 5 Same Pe, New Mexico	5. Indicate Type of Lease
DISTRICT III 1000 Rio Brizos Rd., Aziec, NM \$7410	6. State Oil & Gas Lesse No. B-11318
SUNDRY NOTICES AND REPORTS ON WE	ills ///////////////////////////////////
( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPE DIFFERENT RESERVOIR. USE 'APPLICATION FOR PE (FORM C-101) FOR SUCH PROPOSALS.)	ROR PLUG BACK TO A 7. Lease Name or Unit Agreement Name
I. Type of Well:  OR.  WELL OTHER	GALLEGOS CANYON UNIT
2 Name of Operator	8. Well No.
BHP PETROLEUM (AMERICAS) INC.  3. Address of Operator	9. Pool pame or Wildcal
P.O. BOX 977 FARMINGTON, NEW MEXI	
4. Well Location	
Usit LetterM: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	5622' GR
	Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS	COMMENCE DRILLING OPNS. TO PLUG AND ABANDONMENT
PULL OR ALTER CASING	CASING TEST AND CEMENT JOB
OTHER:	
	OTHER:
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, work) SEE RULE 1103.	and give partineral dates, including estimated date of starting any proposed
1. Production test the Pictured C	liffs; If productive (25 MCF or more)
2. Pressure test casing w/2000 ps	ductive, set CIBP @ same depth.
3. Perforate the Fruitland Coal w	/4 JSPF.
	ure stimulate w/a minimum of 40,000# pair casing and frac down tubing.
B.O.P.E. will consist of a 2,0	000# preventer equipped with pipe rams
for work string, blind rams, a	nd a non rotating stripper head.
	JUL 8 1993
I hereby certify that the information above in true and complete to the best of my knowledge a	
SIGNATURE	OPERATIONS SURES DATE 06-19-93
TYPE OR PRINT NAME FRED LOWERY	теленом №327-1639
(This space for Susa Use)	
	CURERUICOR DIOTRICTICA IIII 0 4007
ATTROVED BY	SUPERVISOR DISTRICT #3 DATE JUL 8 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

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

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

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

DISTRICT III

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

en ex		Leans		Well No.
relor			won Unit	323
HP Petroleum (	Americas) Inc.	Gallegos Car	County	343
Lener Section			\2 C	- Turan
M 32		12 W	NMPM S	an Juan
ul Footage Location of W		. 960	feet from the W	est line
1030 feet from	r the South line and Producing Formation	i Pool	reat from the Wi	Dedicated Acreage:
and level Elev.	-		1	
5622	Fruitland Coal  ge dedicated to the subject well by colored	Basin Fruitla	and Coal	320 Acres
3. If more than one unitization, force Yes If answer is "no" li	No If answer is "yes' at the owners and tract descriptions which	o the well, have the interest of all  "type of consolidation have actually been consolidated.	Owners been consolidated (	by communication,
No altemphie will	may, be assigned to the well until all interests ha fard unit, eliminating such interest, has been	we been consolidated (by commun a approved by the Division.		
1111	11111			RATOR CERTIFICATION
1			1 4	creby certify that the informati
	! N		contained have of my	herein in true and complete to a moveledge and belief.
	!	!		
		!	Significant	1 1/11
		Ţ	1/4	l Kolbe
	1	į	Printed No	
	i J'	1		Kolbe
			Position	ROIDE
	1	i	] [ • •	tory AFfairs Rep.
		i	Company	itory intracts inspi
	<b>X</b>			etr. (Americas) Inc.
	!	1	Date	ett. (Americas) inc.
				/03
		ļ.	6/8/	793
	SECTION 32	i	SUR	VEYOR CERTIFICATION
		1	1 hereby	certify that the well location shi
		. <b>i</b>	on this	plat was plotted from field notes
그 생각 회실	March 1985	i		erveys made by me or under m, and that the same is true
· · · · · · · · ·	•	ì	correct	
	1		baliaf.	
		!		
		!	Date Su	rveyed
- ب ب ب سارت	-			
860	i N	l	Signatur	e & Seal of coal Surveyor
	1	1	1701 mage	SEL SELVEYOR
-	1	i		
030	1			Original on file
	1	1	Certifica	ue Na
	i N		Camic	1.00
444				

- Form

L		a			
Submit 3 Copies to Appropriate District Office	Energy	Mirierals and Natural R	esources Department		Form C-103 Revised 1-1-89
	NM 88240 93 JUOH	CONSERVATION PO PO 20 Santa Fe His	ON DIVISION	WELL API NO.	30-045-24615
P.O. Drewer DD, Artes	ia, NM 88210	Santa Fe Fill Plentso	2008	S. Indicate Type of La	STATE STATE
DISTRICT III 1000 Rio Brazos Rd., A	Aztec, NM 87410	JUN2	2 1993	6. State Oil & Gas La	
( DO NOT USE THI	S FORM FOR PROPOSAL: IFFERENT RESERVOIR. I	ND REPOR STANDS S TO DRILL OR TO DEED, USE "APPLICATION FORPPLE R SUCH PROPOSALS.)	DIV LOR RING BACK TO A	7. Lease Name or Uni	1 Agreement Name
1. Type of Well: Oil. WELL	WELL X	ones.		GALLEGO	S CANYON UNIT
2. Name of Operator		ICAS) INC.	· · · · · · · · · · · · · · · · · · ·	8. Well No.	#323
3. Address of Operato	or			9. Pool name or Wild	
P.O. B	OX 977 FARMIN	GTON, NEW MEXI	CO 87499	Basin F	ruitland Coal
Unit Letter .	M : 1030 Fee	From The South	Une and	860 Feet From Th	West Line
Section	32 To	10. Elevation (Show whether	tange 12W 7 DF, RKB, RT, GR, etc.) 5622 GR	NMPM San	Juan County
11.	Check Appro	priate Box to Indicate		Report, or Other D	ata
NO	TICE OF INTENTI	ON TO:	SU	BSEQUENT RE	PORT OF:
PERFORM REMEDIA	AL WORK 🔯 PI	LUG AND ABANDON	REMEDIAL WORK	☐ Al	TERING CASING
TEMPORARILY ABAI	NDON C	HANGE PLANS	COMMENCE DRILLI	NG OPNS, 🤻 🔲 PI	UG AND ABANDONMENT
PULL OR ALTER CAS	sing		CASING TEST AND	CEMENT JOB	
OTHER:		🗆	OTHER:		
work) SEE RULE	1103.	the Pictured C			
set	RBP @ +- 150	4'. If not pro	ductive, set	CIBP @ same	depth.
		sing w/2000 ps uitland Coal w			
4. If	casing tests	ok, then fract	ure stimulat	e w/a minimu	m of 40,000#
of	sand down cas	ing; If not re	pair casing	and frac dow	n tubing.
B.O for	.P.E. will co work string,	nsist of a 2,0 blind rams, a	00# prevente nd a non rot	r equipped wating stripp	ith pipe rams er head.
				•	
I hereby certify that the	information above is true and corr	picts to the best of my knowledge s	nd belief.		
SIGNATURE	TRED LOWING		OPERAT:	IONS SUPT.	DATE 06-19-93
TYPE OR FRINT NAME	FRED LO	WRDV			TELEPHONE NO 27-1639
	FRED LO				7-14-9

TITL DEPUTY OIL & GAS INSPECTOR DIST. 43 DATE JUL 1

CONDITIONAL OF ARMOVAL IN ANY

#### State of New Mexico Energy, Minerals and Natural Resources Department

## 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., Azisc, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				Comm				Well 190.
RUD Patrol	eum (Ame	ricas) Inc.		Galles	gos Canyon	Unit		323
Unit Letter	Section	Township		Range		C	cunty	
м	32	29	N	. 12	W	NMPM	San .	Juan
Actual Footage Loca								
•		South	line and	86	50	feet from the	West	line
1030 Ground level Elev.	feet from the	ducing Formation	200 400	Pool				Dedicated Acreage:
	1	_		Postn 1	Fruitland	Coal		320 Acres
5622'	PT	uitland Coal	l by colored ne	noil or hachure ma	rks on the plat bel	ow.		
2. If more	than one lease	is dedicated to the well,	outline each an	d identify the own	erahip thereof (both	as to working	g interest an	royalty).
		of different ownership is	dedicated to the	R Mell' Dave fire m	reserved on any owners.	t open common	idealed by Col.	
	tion, force-poolis Yes	ig_etc.? ☐ No If ans	wer is "wes" tw	pe of consolidation				
If answer	is "no" list the	owners and tract descript	ons which have	actually been con	solidated. (Use re	verse side of		
this form	if acceptance							
No allows	able will be assig	med to the well until all	interests have !	bess consolidated (	by communitization	e, unitization,	forced-pools	of operate)
or ustil a	son-madard un	it, eliminating such inter	ed, has been a	broved by the Div	IBOM.			
111	111	1111		-		$\neg$	OPERAT	OR CERTIFICATION
							I hereby	certify that the information
1						COR	tained herei	n in true and complete to the
A.	ı	•	,	ļ		best	of my brown	ledge and belief.
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	i			1			and Name	1000
-	i			i			arl Kol	h a
	;		<b>&gt;</b>			ı   <u></u>	ilion	De
*	- 1	•		i				y AFfairs Rep.
		•		i		4	npany	y Arialis Rep.
	!				-			(Americas) Inc.
*	ļ			EGE	WER			(Americas) inc.
			l D		AP	Dest	-	
•	Į		IN.		الله		6/8/93	
	į į	SECTIO	32	JUN22	1993		SURVEY	OR CERTIFICATION
1	<del>-   -</del>		-					
			4	OIL CON	DIV.	I A	ereby certify	that the well location shows
	1		,	DIST.	3	00	uni piai w	as placed from field notes of made by me or under my
*	i	•		/ Didi-		au	ervison, en	i that the same is true and
1	i				•			best of my browledge and
	i			i		bal	ief.	
	i			i		De	us Surveyed	
	- 1		١	i_				
1860			<u></u>			<u> </u>	gnature & Se	al of
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0 330 660	990 1320	650 1960 2310 26	40 20	00 1500	1000 500			
A 320 600	774 [344	- 1300 PAIA W						٠,

	1-40	1	
DISTRIBUTIO	H		
FAFE			
2.5.		1	2.
OFFICE			
MSPORTER	OIL		_
MSF ON I EN			
RATOR	1		
TATION OF	CICE		

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

Form C-104 Seperardes Old C-104 and C-110 Ellective 1-1-45

RATOR		Will and a	MUK.					
MATION OFFICE		31.30		<u> </u>				
BHP Petroleum (Amer	ricas), Inc.			M				
P.O. Box 3280, Cas	per, WY 82602		VAL:			<u>-</u> -		
an(s) for filing (Check proper box)	.41		Oth	r (Please ex	plain)			
Well	Change in Transporter	r of;	_					
mpletton	OIL	Dry Gas		15		1		- 1
ge In Ownership	Casinghead Gas	Condens	ate	(C)	)			
	D. C.	Too	D.O.	2220	C	157 00	(00	
inge of ownership give name En	ergy keserves GI	oup, inc	., P.U.	DOX 3280	, Casper	, WY 82	602	
ddress of previous owner								
CRIPTION OF WELL AND L.	EASE							
Le Name	Well No. Pool Name,	Including For	mation	K	Ind of Lease			Lease No.
allegos Canyon Unit	323 West K	utz-Picti	ured Clif	fs S	ate, Federal a	rF•• Sta	ite B	-11318
31100								
M : 10	30 Feet From The SC	outh_Line	and 8	60	Feet From Th	West		
Init Letter P1: 10								
ine of Section 32 Town	aship 29N	Range 12	W	, NMPM;	San J	uan		County
IGNATION OF TRANSPORT	ER OF OIL AND NA	TURAL GAS	5					
te of Authorized Transporter of Oil	or Condensate	□	Address (Giv	e address so	which approve	d copy of thi	s form is to i	pe seut)
te of Authorized Transporter of Casi	inghead Gas or Dry	Gas 🔼	Address (Giv	e address so	which approve	d copy of thi	s form is to	be sent)
El Paso Natural Gas	Co				Farmingt		87401	
ell produces oil or liquids,	Unit Sec. Twp.	Egs.	la gas actual	•	7 When			
: location of tanks.		•	Ye	S			•	
is production is commingled with	h that from any other le	ase or pool,	give commin	gling order s	number:			
MPLETION DATA						DI - 0	I Company	LBW Seeks
	Oil Well	Gas Well	New Well	MOLYOAGE	Deepen	bind pack	, 20We Mea.	Dill. Restv.
Designate Type of Completio		1	-		<u> </u>		1	
e Spudded	Date Compl. Ready to Pr	od.	Total Depth			P.3.T.D.		
			7 011/5			Tubine Con		
vations (DF, RKB, RT, GR, etc.,	Name of Producing Form	ation	Top O11/Gas	. hah		Tubing Dep	LEA .	
			<u></u>			D 11 C-11	- 0)	

OIL CON. COM. DIST. 3

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

NOTICE OF GAS C	ONNECTION	DATE _	July 20, 1981
THIS IS TO NOTIF	Y THE OIL CONSERVATION	N COMMISSION THAT	CONNECTION FOR PURCHASE
GAS FROM Energ	gy Reserves Group, Inc.	Gallegos Canvo	
	Operator	W	ell Name
93-805-01	22371-01	М.	32-29-12
Meter Code	Site Code	Well Unit	S-T-R
West Kutz Pic	tured Cliffs	El Paso Natura	1 Cas Company
	Pool	Nam	e of Purchaser
WAC MADE ON	7-7-81	FIRST DELIVERY	7-9-81
WAS MADE ON	Date	TIKST DEBTYERT	Date
AOF			
CHOKE 250			
		El Pas	so Natural Gas Company
		Purchaser	, , _ //
		Represent	M. Coding
			Dispatcher
		Title	
cc: Operator			

045

Oil Conservation Commission -2

Proration - El Paso

File

5

NO. OF COPIES RECE	IIVED		
DISTRIBUTIO			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
INAMSPORTER	GAS		
OPERATOR			
PRORATION OFFICE			

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

#### NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE AND

Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-65

1520!

-	U.S.G.S.			AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS											
	LAND OFFICE														
ı		OIL													
	TRANSPORTER	GAS													
ŀ	OPERATOR														
1.	PRORATION OF	FICE													
"†	Operator														
ı	Energy	Energy Reserves Group, Inc.													
ŀ	Address	Address													
- 1	P.O. B	ox 3280	Cast	er. WY	82602				TOTAL 137	12111					
ŀ	Reason(s) for filing	(Check prop	er box)				Of	her (Please e	xplain)	工人门门					
	New Well	$\mathbf{x}$		Change	e in Transport	er of:		The second second	_	00 11111					
	Recompletion			Oil		Dry Ga	s	11.1	JN 0 1 19	181 IIII		ļ			
. !	Change in Ownershi	آم		Casino	phead Gas	Conden	sate	THE JU	JII V -	رسيار	.1				
ı								1	OFFATTO	N DIVISION	4				
	If change of owner	ship give n	ame					OIL CON	SANTA	FE					
	and address of pre	vious owne	r						Shirt						
	DESCRIPTION (	TE WELL	ANDI	FASE											
ш.	DESCRIPTION OF WELL AND LEASE    Lease Name														
	Gallegos Canyon Unit 323 West Kutz Pictured Cliffs State, Federal or Fee State B-11318														
	Location														
	M 1030 First South Lineard 860 Feet From The West														
	Unit Letter M : 1030 Feet From The SOUTH Line and 800 Feet From The WEST														
	Line of Section 32 Township 29N Ronge 12W NMPM, San Juan										County				
	Line of Section 32 Township 29N Range 12W NMPM, San Juan Security														
_	DESIGNATION (	OF TRANS	PORT	ER OF O	II. AND NA	TURAL GA	S								
ш.	Name of Authorized	Transporte	of Oil		or Condensate		Address (Gi	ve address to	which approx	ed copy of thi	is form is to be	e sent)			
	Kdi.e of Addisor-			_											
	Name of Authorized	s or Dr	y Gas 🔽	Address (Give address to which approved copy of this form is to be sent)											
	Name of Authorized Transporter of Casinghead Gas or Dry Gas X						P.O. Box 1492, El Paso, TX 79978								
		Unit Sec. Twp. Rge.			Is gas actually connected? When										
	If well produces of give location of ta	vell produces oil or liquids,						o	W.O. Pipeline						
						,		line andon	number:						
	If this production	is comming	ded with	that from	n any other l	ease or pool,	give commit	ugitug order	number.						
IV.	COMPLETION	DATA	·		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Restv.	Diff. Res'v.			
	Designate T	ype of Cor	npletion	n = (X)	1	X	X	1			1	!			
				Date Compl. Ready to Prod.			Total Depth			P.B.T.D.					
	Date Spudded 3-14-8	31		5-2-81				1630'			1583'				
		VD DT CD			Producing For	nation	Top Oil/Go	is Pay		Tubing Depth					

1500'

Name of Producing Formation

GT. 56221:KB 56241 Pictured Cliffs

4.,				man, y		4	L-105
DISTRIBUTION							leed 1-1-65
ANTA FE		NEW	IEXICÖ OIL÷CON	SERVATIO	N COMMISSION	1 /	ate Type of Lease
TILE	WI		TION OR RECO			ND LOGStare	Fee
J.S.G.S.						B-11	Oil & Gas Lease No.
AND OFFICE						D-11	210
PERATOR		11			new.		
I. TYPE OF WELL		.,	·				Agreement Name egos Canyon Unit
D. TYPE OF COMPLET	OIL WELL	. GAS	X DRY	OTHER			or Lease Name
NEW WORK		PLUG BACK	DIN.	OTHER			, N
, Names of Operator					111	9. Well 1	No. 323
Energy Reserve	es Group, I	nc.		-	MAY 11 1	10. Fiel	d and Pool, or Wildcat
P.O. Box 3280	- Casper,	Wyoming 8	2602	10	DIL CON. CO	West	Kutz Pictured Cliffs
. Location of Well					יינפוט		
ALT LETTER M	LOCATED1	030	Sout	hLINE AND	860	FEET FROM	
ALL LELIER				IIIII	THXITI	12. Cour	nty /
HE West LINE OF S	EC. 32 TW	P. 29N RGI	Compl. (Ready to P		Floretions (DE	San San	Juan 19. Elev. Cashinghead
5. Date Spudded 3-14-81	3-16-81		2-81		L. 5,622	; K.B. 5;624	15, Liev. Cashinghead
0. Total Depth 1,630 K.B.	21. Plug	Back T.D. 583' K.B.	22. If Multiple Many	e Compl., Ho	23. Interve	Rotary Tools	Cable Tools
4. Producing Interval(s)							25. Was Directional Survey Made
Pictured Clif	fs 1,508 -1	,520 K.B.	***				NO
6. Type Electric and Ot Induction Ele	her Logs Run	Doncity 8	Neutron Ro	rehole (	omnen sa te		7, Was Well Cored
	cti it Log		ING RECORD (Rep				
8.	T #1515 1 5 /			E SIZE		NTING RECORD	AMOUNT PULLED
CASING SIZE	WEIGHT LB./			-7/8"		w/2% CaCl2	
7"	17#		5 9	-//0		loflake/sx	
4-1/2"	10.5#	1,62	21 6	-1/4"		0-50 Pozmix w	12% -0-
4-1/2	10.5#	1,00	2	-1/4	Gel. 1/4	# Flocele/sx	+ 5% CFR-2
19.	1.	NER RECORD			30.	TUBING F	
	тор	BOTTOM	SACKS CEMENT	SCREEN		DEPTH SET	PACKER SET
SIZE	107	5011011			2-3/8		KB None
	-						
1. Perforation Record (	Interval, size and	number)		32.	ACID, SHOT, F	RACTURE, CEMENT	SQUEEZE, ETC.
					INTERVAL		KIND MATERIAL USED
1,508'-10'	/1 JSPF			1,508	-1,520'	Brokedown w	1/500_gal_7½%_acid
1,514 -20						+ additives	+ 15 ball sealers ,000 gal 70% Qualit
10 perfs			·				00# 10-20 sand.
10			PROD	UCTION		1 00111 11/ 2230	
33. Date First Production	Produc	tion Method (Flo	wing, gas lift, pump		nd type pump)		SI
Date of Test	Hours Tested	Choke Size	Prod'n. For	Oil - Bbl.	Gas - MC	F Water - Bbl.	Gas-Oil Ratio
5-2-81	24	3/8"	Test Period	0	250	282	NA Oil Gravity - API (Corr.)
Flow Tubing Press.	Casing Pressure	Calculated 2 How Rate	4- OII - Bbl.	11-11	250 W	282	NA
34. Disposition of Gas (		, vented, etc.		1/1/	\	Test Witness	
35. List of Attachments SAMPLE DESCRI		CHED \	MAY 26 15	181 July			
36. I hereby certify that	the information s	houm on both side	es of this form is tri	ue and compl	ete to the best o	f my knowledge and b	elief.
	,	المساء	ATTEN WITH	F=			-
SIGNED 27 C	Show		TITLE Pr	oduction	n Engineer	-KMU DATE	5-06-81

#### INSTRUCTIONS:

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-diffiled or deepened well. It shall be accompanied by one copy of all electrical and radio activity logs run on the well and a summing 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 filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPUICAL SECTION OF STATE

				New Mexico						ew Mexico
т.	Anhy		Т.	Canyon	т.	Ojo	A1a-mo	167	1 T.	Penn. "B" Penn. "C" Penn. "D"
т. :	Salt		T.	Strawn	T.	Kirtl	and-Fruit!	land 330	T.	Penn. "C"
B. 5	Salt		Т.	Atoka	Т.	Pict	ared Cliffs	$_{\rm s} = 1,500$	T.	Penn. "C"
										Leadville
Т.	7 Rivers		T.	Devonian	т.	Mene	fee		т.	Madison
T. 0	Queen		т.	Silurian	т.	Poin	Lookout		т.	Elbert
										McCracken
T. 5	San Andres		т.	Simpson	т.	Galle	ıp		т.	Ignacio Qtzte
T. 0	Glorieta		т.	McKee	Ba	se Gre	enhorn _		Т.	Granite
T. 7	Tubb		Т.	Granite	т.	Todi	lto		т.	
T. I	Drinkard		Т.	Delaware Sand	т.	Entra	ada		т.	
T. /	4bo		т.	Bone Springs	Т.	Wing	ate		т.	
T. V	Volfcamp		т.	*	Т.	Chin	e		т.	
T. F	Penn		T.		Т.	Perm	i an		T.	
T C	isco (Bougl	n C)	Т.		Т,	Penn	. "A"		т.	
No. 1,	from 1	,508'		1,520, <sup>01L</sup>	OR GAS S	ANDS <b>. 4, fr</b>	OR ZON	IES		.to
Yo. 2,	from	*****************	***********	to	No	. 5, fro	m	***************	***********	to
Vo. 3,	from	·*************************************		to	No	. 6, fro	m	***************	***********	
,				İMF	PORTANT	IATER	SANDS			
nclud	e data on r	ate of water	inflow and	d elevation to which w	ater rose in l	ole.				
Vo. 1,	from	****************	************	to	***********	********	*****	fcet.	*******	1869 ar e pos sona a constitui de constitui de constitui de constitui de constitui de constitui de constitui d
lo. 2,	from		***********	to	****************	*********		feet.	•	
io. 3,	from		*************	to		••••		feet.		***************************************
										***************************************
				ORMATION RECORD						***************************************
Fre	m To	Thickness		Formation		From	To	Thickness		Formation

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
			Sample Description Attached	167' 330' 1130' 1500' 1630' 1626'	330' 1130' 1500'	163'	Ojo Alamo Kirkland Fruitland Pictured Cliffs T.D. Driller T.D. Logger
				. 8			· ·

#### 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, blky, firm, sme cly incls
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 incls 10% Sh: buff, gry, blky-plty, vy. firm, sme sl sndy, sl. car

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

90% Ss: c1r, f-m-crs-vy-crs-g, sbrnd, most loose, sme w/mod clyfll, sme cly incls, 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

MAY 11 1981 OIL CON. COM. DIST. 3 210-20 90% Ss: AA 10% Pyrite Trace Clystn: buff, plty, vy. soft, sl. swllng

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

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

240-50 AA

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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, blky, cly incls, soft, sl. swilng 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 srtd, sb rnd, all loose, gd por, N-S
10% sh: med-gry, blky, vy, soft, sw lng
10% Pyrite

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

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 clyfll, 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 srtd, carb incls, clean, soft, sl. por, N-S
  80% Sh: lt-med gry-blk, most slty, sme sndy, blky, sl. to vy. carb, firm
  10% Pyrite
- 370-80 90% Sh: AA 10% Clystn: wht, buff, blky, vy. soft, sl. carb, sl. swllng 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.clyfll, 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 clyfll, 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 clyfll, sme shly, sl. carb, soft, tite, N-S 70% Sh: lt-dk gry, buff, blky-plty, sme carb, sme slty, sme sndy, few chrty, 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 clyfil, few cly incls, pyrite ctngs, friable-hard, vy sl. por, N-S
70% Sh: lt-dk gry, buff, blky-plty, sme carb, sme slty, sme sndy, few chrty, most soft, many cly incls 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 incls, pyrite ctngs, friable-hard, vy sl. por N-S
70% Sh: AA
Trace Clystn: buff, blky, vy soft, sl. swell g, 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, blky-plty, 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, blky, sl. carb, sme sndy, firm-soft

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

60-70 20% Ss: AA 80% Sh: AA 70-80 10% Ss: wht, vf-f-g, sbrnd, well srtd, 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 incls, 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. swellng

40-50 AA

650-60 100% Sh: AA

10% Ss: wht, f-m-g, sbrnd, fair srtng, mod to hvy clyfll, cly incls, 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. swllng 10% Clystn: AA

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

90-700 80% Sh: AA
20% Clystn: buff-wht-lt.gry, blky, sme scttrd quartz
grns, sl. carb, vy. soft, swllng
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 srtd, mod clyfll, carb, sl. ark, firm, sl. por, N-S
90% Sh: AA
Trace Clystn: lt. gry, blky, soft

20-30 100% Sh: grn gry, lt. gry, blky, most chrty, many cly incls, hard-firm
Trace Ss: AA

30-40 10% Ss: AA 90% Sh: AA

740-50 A.A.

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, blky, many cly incls, sme cherty, 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 srtd, sl. clean, carb incls, hard, sl. por, N-S
60% Sh: AA
20% Clystn: wht, blky, few scttrd qtz grns, vy. swllng, 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 srtd, hard, sl. por, N-S
90% Sh: lt gry-brn, blky-plty, slty, sme sndy, many cly
incls, sl. carb, hard
Trace Coal: blk, blky, 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 clyfll,
                 cly incls, friable, sl. por, N-S
         70% Sh: AA
         10% Clystn: lt. brn, blky, carb, soft.
 840-50
         90% Sh: AA
         10% Clystn: AA
        10% Ss: gry, mg, sbang, sl cly fld, cly incls, sl calc, fri,
 50-60
               sl por, N-S 90% Sh: AA
         20% Ss: wht, f-mg, sbang, sl to mod cly fld, cly incls,
  60-70
             vy sl carb, sl calc, sft, tite, N-S
         80% Sh: AA
         10% Ss: AA, but w/incr. shaliness, few pryite incls,
  70-90
         90% Sh: 1t-med gry,
                               many sndy, most slty, sl carb, cly
             incls, frm-hard
         Tr. Clyst: brn, blky, 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
         30% Ss: wht, f-mg, sbang-sbrnd, wl srtd, mod to hvy cly fld,
  10-20
             sl carb, sl ark, most calc, fri, sl por, N-S
         70% Sh: AA
         Tr. Pyrite
         30% Ss: wht, vfn-mg, sbrnd, clean to mod cly fld, sl calc
  20-40
             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, blky, cly incls, hard
         Tr. Pyrite
         30% Ss: wht, vfn-f-g, sbrnd, mod-hvy cly fld, sme calc,
  50-70
             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
         20% Ss: AA, w/sme pyrite ctngs
  80-90
         80% Sh: AA
         Tr. Coal: AA
 90-1000 10% Ss: AA
         90% Sh: AA
         90% Sh: AA
1000-10
```

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10% Clystn: AA

Tr. Ss: AA and Tr. Pyrite

```
10% Ss: buff-wht, f-mg, sbrnd, wl srtd, carb, vy sl
1010 - 20
                cly fld, calc, sk, fri, fair por, N-S
            80% Sh: AA, w/sme p lite ctngs
            10% Clystn: AA
            20% Ss: wht, vfn-far mod cly fld, AA, but sft, tite, N-S
  20 - 30
            70% Sh: AA
            10% Clystn: AA
            30% Ss: AA
  30 - 40
            70% Sh: lt-med gry, med brn, plty, carb, sme cly incls,
                sndy in part, sme slty, frm
            20% Ss: clr, mg, sbrnd, wl srtd, vy sl cly fld to mod
  40 - 50
                cly fld, carb, sme calc, ark, fri, sme fair por, N-S
            70% Sh: AA
            10% Clystn: wht-buff, blky, vy sft, vy swlg
            10% Ss: AA
 50 - 60
            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 srtd, 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, blky, few cly incls
 90 - 1100 20% Ss: AA
            70% Sh: AA
            10% Clystn: AA
            20% Ss: AA, w/sme sbang, sme vy carb
1100 - 10
            50% Sh: AA
            20% Clystn: buff-lt gry, blky, 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, blky, 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, blky, cly incls, hard
             30% Ss: wht, vfn-g, sbrnd, wl srtd, mod cly fld, carb,
 30 - 40
                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
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90% Sh: AA

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50% Ss: wht, vfn-m-g, sbrnd-sbang, cln to vy sl cly fld,
1160 - 70
                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: 1t-med gry, plty, lam, sme fissile, many slty,
                 carb, frm
            20% Clystn: 1t brn, blky, carb, vy sft, swlg
            Tr. Pyrite
1200 - 10
            50% Ss: wht-lt gry, f-mg, sbrnd, wl srtd, vy sl to mod
                cly fill, carb, vy calc, fri, fair por, dull org fluor
                w/vy wk cut
            50% Sh: It gry-dk gry-brn, plty, sl carb, sme slty, cly
                incls, frm
  10 - 20
            AA, w/cut AA
            Tr. Coal: blk, earthy, blky, hard
            Tr. Pyrite
            40% Ss: wht-clr, f-mg, sbrnd, sme clean, sme vy sl-mod
  20 - 30
                cly fld, carb, calc, ark, fri-sft, fair por, dull org
                fluor w/vy wk cut
            60% Sh:AA
            Tr. Pyrite
            50% Ss: AA, w/cut AA
  30 - 40
            50% Sh: AA
            30% Ss: wht, mg, sbrnd-sbang, wl srtd, vy sl-mod -hvy cly
  40 - 50
                 fld, carb, ark, vy calc, hard, sl por, fluor and cutAA
            50% Sh: AA
            10% Clystn: buff, blky, sl carb, vy sft
            10% Pyrite
            30% Ss: wht, vfn-f-mg, AA, butsl-hvy cly fld, vy sl por, N-S
  50 - 60
            60% Sh: AA, w/sme lam, sme waxy
            10% Clystn: AA
            Tr. Coal: blk, vit, blky, pyrite ctng
  60 - 70 . 40% Ss: wht, mg, sbrnd, wl srtd, 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-1t 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
            30% Ss: wht-It gry, vfn-mg, sbrnd, vy sl-mod cly fld, calc,
1300 - 10
                 carb, ark, hard-frm, sme sl por, N-S
            70% Sh: AA
            Tr. Coal: blk, vit, blky, many cly incls
  10 - 20
            30% Ss: AA
            40% Sh: AA
            20% Clystn: buff-brn-wht, blky, sme
                                                   scatt. qtz. grns,
                sl carb, vy sft, sme swlg.
            10% Coal: AA
  20 - 30
            20% Ss: AA
            80% Sh: AA
            Tr. Coal: AA
```

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1330 - 40
            20% Ss: wht, mg, sbrnd, wi srtd, 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: 1t gry-brn, plty, carb, sme cherty, sme sndy,
                sme slty, sme cly incls, most frm, sme sft
            20% Coal: blk, vit, blky, sme cly incls, sme pyrite ctngs
  50 - 70
            30% Ss: wht-clr, vfn-mg, sbrnd, clean to sl cly fld, AA, N-$
            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 srtd, 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 srtd, 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, blky-plty, sme cherty, sme slty,
                sl carb, sme sl swlg, hard-frm
            10% Pyrite
            Tr. Coal: AA
            30% Ss: AA
 30 - 40
            70% Sh: AA
            Tr. Pyrite
 40 - 50
            40% Ss: wht, mg, sbrnd, wl srtd, 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 clyfld, sl carb, sl
                ark, vy calc, fri, fair por, N-S
            50% Sh: AA
            40% Coal: blk, vit, blky, sme cly incls, hard
```

```
20% Ss: wht, vfn-mg, sbrnd-sbang, vy sl to mod cly fld, carb, few pyrite incls, sl ark, calc, fri-sft, sme fair
1500 - 10
                por, N-S
            60% Sh: lt gry-red brn-buff, blky, 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% Ss: wht, mg, sbrnd, wl srtd, clean to vy sl cly fld,
  30 - 40
                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
            60% Ss: wht, f-mg, sbrnd, fair srtng, sl to mod cly fld,
  50 - 60
               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
            40% Ss: AA, w/sl to mod to hvy cly fld, sme sft and tite, N-
  80 - 90
            40% Sh: gry-brn, plty-blky, sme slty, carb, sme cly incls,
                  sl swlg
            10% Coal: blk, vit, blky-plty, hard
            10% Pyrite
            40% Ss: wht, vfn-mg, sbrnd, fair srtng, mod to hvy cly fld,
90 - 1600
                 carb, ark, calc, most sft, tite, N-S
            60% Sh: AA
            Tr. Calcite: .wht, vy crs-xln, sbang, lse
            40% Ss: AA
1600 - 10
            40% Sh: AA
            20% Coal: AA, w/sme cly
                                       incls
            60% Ss: AA, sme sl shly, sme vy sl glauc
  10 - 20
            10% Sh: AA
             30% Coal: blk, vit, blky, hard
            Tr. Clystn: buff, blky, carb, vy sft, swlg
            30% Ss: AA, w/hvy cly fld, carb, calc, shly, sft, tite, N-S
  20 - 30
            10% Sh: gry, blky, vy carb, frm
             50% Clystn: AA, w/sme scatt. qtz. grns
            10% Coal: AA
```

1630' TD

PPROVED BY	SUP!	ERVISOR DISTRICT 崔 3	DATE MAR 23 1981
IGNED ROSCOCC. Po is	lesgie TITLE Dr.	lg Supt - RMD	DATE 3-17-81
8. I hereby certify that the information s	above is true and complete to the best o	f my knowledge and belief.	
m.O.R.T. & W.O.C.T.			
of 50-50 Pozmix w/2% G			@ 5:30 PM 3-16-81. Good
Drilled 6-1/4" hole to		C new coording set 0 1	622'. Cemented w/200 sx
	e tested BOPE to 500 ps:	iheld o.k.	5131.3
3-14-81. Good cement			DIST. 3
Drilled 9-7/8" hole to Cemented w/65 sx of Cl	125'. Ran 3 jts 7" 0.1	D., 17#, H-40, R-3, S 1. & 1/4# Celloflake/	TEC Many casing set @ 125'.
	rell was spudded @ 3:00 A		MULLININ
7. Describe Proposed or Completed Ope work) SEE RULE 1103.	rations (Clearly state all pertinent deta	tils, and give pertinent dates, inclu	ding estimated the starting any proposed
OTHER			
PULL OR ALTER CASING	CHANGE PLANS	OTHER	Well History X
EMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
Check A	ppropriate Box To Indicate N TENTION TO:	_	Other Data ENT REPORT OF:
	15. Elevation (Show whether G.L. 5,622" -	DF, RT, GR, etc.)	12. County San Juan
THE West Line, SECTION	32 TOWNSHIP 29N	RANGE 12W	мрм.
UNIT LETTER M	030 FEET FROM THE South	LINE AND 860 PEET P	TROM THE THE TROOP TO THE TROOP THE
, Location of Well		2.5	10. Field and Pool, or Wildcat West Kutz Pictured Cliffs
P.O. Box 3280 - Caspe	r. Wyoming 82602		9. Well No.
Energy Reserves Group	, Inc.		
Name of Operator	OTHER-		Gallegos Canyon Unit
(DO NOT USE THIS FORM FOR PROPUSE "APPLICATIO	NOTICES AND REPORTS ON COSALS TO DRILL OR TO DEEPEN OR PORT ON FOR PERMIT -" (FORM C-101) FOR SUC	HER TO A DIE THE NE BESERVOIR.	7. Unit Agreement Name
SUNDRY	( NOTICES AND REPORTS ON	WENSBRVATION DIVISION	
PERATOR	IRI	APR 0 2 1981	5. State Oil & Gas Lease No. B-11318
J.S.G.S. AND OFFICE	Mr	111.11	State X Fee.
FILE		CEIVEDIN	5a. Indicate Type of Lease
DISTRIBUTION :ANTA FE	NEW MEXICO OIL CONS	ERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
NO. OF COPIES RECEIVED			Form C-103 Supersedes Old

•	E C E I	WE ID
NO. OF COPIES RECEIVED		IVED
		Superselles Old
DISTRIBUTION	MAR 1	0 1981 C-19 and C-103 Effective 1-1-65
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSIBRIT	Ef     1-1-65
FILE	OIL CONSERV	ATION 501 MSION Type of Lease
J.S.G.S.		TAFE State X Fee.
LAND OFFICE	5,414	5. State Oil & Gas Lease No.
DPERATOR		
		B-11318
SUNDR	Y NOTICES AND REPORTS ON WELLS POSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	
USE "APPLICAT	ION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL		
Name of Operator	OTHER-	Gallegos Canyon Uni
	T	o, ram or godse wante
Energy Reserves Gr	oup, Inc.	O Well No
, Address of Operator		9. Well No.
Box 3280 Casper, W	lyoming 82602	323
. Location of Well		10. Field and Pool or Wildcat
UNIT LETTER M 10	30' FEET FROM THE FSL LINE AND 860' FEET	FROM Pictured Cliffs Ku
THE FWL LINE, SECTION	on 32 township T 2 9N RANGE R 1 2W	NMPM. (())
	15. Elevation (Show whether DF, RT, GR, etc.)	12, County
	5622 GR	San Juan
6. Check	Appropriate Box To Indicate Nature of Notice, Report o	or Other Data
NOTICE OF IN		UENT REPORT OF:
110.110.2.01	33334	
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	1
=		ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB OTHER Change Cas.	ing Program X
	OTHER	
OTHER		
7. Describe Proposed or Completed Op	erations (Clearly state all pertinent details, and give pertinent dates, incl	luding estimated date of starting any proposed
work) SEE RULE 1 103.		
It is proposed to	change the casing program on the above	ve referenced well.
rt is proposed to	change the casing program on the abo	ve referenced werr.
From 0! 120! 9 F	5/8" - 24#. K-55, ST&C - New casing.	
TOM-0 -120 - 8-3	17#, H-40, St7c - New casing.	
10-01-1201 - 711 -	1/#, n-40; St/C - New Casing.	
		SCCTI AND
		/OTI TIVEN
•		Vroriarn /
		FEB 2 7 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.	
the state of the s		
I al M. Note	Diela Comicae Adm	2 22 21
IGNED CHILLIAN HAT	Field Services Adm.	DATE 2-23-81
2 XT K	SMPERVISOR DISTRICT # 9	PPD 0 2 1001
PPROVED BY	TITLE TITLE	FEB 271981

ONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED			Form C-103
DISTRIBUTION			Supersedes Old
ANTA FE	NEW MEXICO OIL CONS	ERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
TILE			
J.S.G.S.			5a. Indicate Type of Lease
AND OFFICE			State X Fee.
PERATOR			5, State Oil & Gas Lease No.
	1		B-11318
SUNDR	RY NOTICES AND REPORTS ON POSALS TO DRILL OR TO DEEPEN OR PLUG B. 100 FOR PERMIT -" (FORM C-101) FOR SUC	WELLS ACK TO A DIFFERENT RESERVOIR. H PROPOSALS.)	
OIL GAS WELL X	OTHER-		7. Unit Agreement Name  Gallegos Canyon Unit 8. Farm of Lease Name
Name of Operator			8. Farm of Lease Name
Energy Reserve Gr	oup, inc.	<del></del>	
Address of Operator	** *** 00000		9. Well No.
Box 3280 Casper,	Wyoming 82602		323
Location of Well		1	10. Field and Pool, or Wildcat
UNIT LETTER	1030 FEET FROM THE Sout	th LINE AND 860 FEET FROM	West Kutz Pict Cliffs
THE West LINE, SECTION	on	RANGE 12W NMPM	
	15. Elevation (Show whether	Dr, KI, GK, etc.)	12. County
	5622 GR.		San Juan
Check	Appropriate Box To Indicate N	ature of Notice, Report or Of	ther Data
	NTENTION TO:		T REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
EMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
The or acter casing	CHANGE I SANG	OTHER	
Fortand dwilling	a normit	OTHER	
OTHER Extend drilling	is become		
7. Describe Proposed or Completed Op	perations (Clearly state all pertinent dete	ils, and give pertinent dates, includin	g estimated date of starting any proposed
work) SEE RULE 1 103.			
	ested to extend the d For an additional 90		the above
FF	B 12 1981 JUANS ON CON DIS SANTA FE	1981 DRILLING	OVAL VALID  BAYS UNLESS COMMENCED,  7-8-81
8. I hereby certify that the information	n at ove is true and complete to the best o		DATE 1-23-81
PPROVED BY FALLS.	SI SI	PERVISOR DISTRICT 18 3	JAN 28 1981

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXIC NERGY AND MINERALS DEPAR	HTMENT OIL	CONSERVATIO			Form C-101 Revised 10-	
DISTRIBUTION	SAI	P. O. BOX 20 NTA FE, NEW ME				Type of Lease
FILE						Gas Louiso No.
U.S.G.S.					B-11318	
GPERATOR					MILLE	
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN, C	R PLUG BACK		VIIIII	
e, Type of Work					7. Unit Agree	
DRILL X		DEEPEN 🔲	PLUG	BACK	Gallegos	Canyon Unit
b. Type of Well			THELE [V] MUI	TIPLE	a, 1-1111 of 15	1300
OIT ALTE X	OTHER		TOUT X	ZONE L_J	9. Well No.	
. Hanie of Operator					323	
Energy Reserves Ground Address of Operator	ıp, Inc.					d Fool, or Wildcut
2.0. Box 3280, Caspe	on Wroming 826	1020			West Kut	z Pictured Cliff
Location of Well	re M Loc	ATED -11001	ET FROM THE FSL	נואנ		
860				The state of the s		
NO BOO! PEET PROM	THE FWL LIN	E OF SEC. 32	P. T29N 701. R1	2W HMPM	12. County	86/11/1/1/
					4	
7//////////////////////////////////////	#####	4144444	44444	+++++	San Juan	
44444444	4444444	444444	Froroaed Depth	19A. Formatic		20, Hotaly of C.T.
			1,655'	Pictured	Cliffs	Rotary
1. inlevations Show whether DE	, RT, etc.) 21A. Kind	& Status Plug, Bond 21	B. Crilling Contractor		22. Approx.	. Date Work will start
5,622 GR	Blar	nket 3881464	Unknown		Nov	Dec., 1980
:3.	P	PROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKSO	F CEMENT	EST. TOP
• 12-1/4"	8-5/8"	24#	120'		surface	
6-3/4"	4-1/2"	9.5#	1,655'	1	surface	
					٠.٠٠.٣	A SAN CANADA
Energy Reserves Gro	up, Incpropose	es to drill the	above referenc	ed well	# RT 6 6	r from
the surface to T.D.  Gas is dedicated to	Fl Paco Natura	l Cas Company			OCT	LIVED
das is dedicated to	EI raso Natura	Gas company.			1011 00	10 1880
The Ojo Alamo Forma	tion is located	between 100'-70	0' depending o	n the ar	ea The	Ojc COMAMO
is fresh water bear					DIS	ST. 3
Fruitland @ 1120' m	ay be gas produc	ctive. Pictured	Cliffs @ 1405	is expe	cted to b	e
gas productive.		eng english militari Pananan dan kalandari		APPR	OVAL VALID	:cc
8-5/8", 24#, K-55,	STEC New Casin	<b>a</b>		FOR YU	DAYS UNLE	ED.
4-1/2!!, 9.5#, K-55,	ST&C. New Casin	ng III	201980	DRILLING	COMME	,,
(4-1/2" will be cem				VAIRES /	-8-81	بخطاهونس
BOE will consist of	an 8" series 9	00. 300 psicdoub	Die Pall Dur.	XPIRES		
ABOVE SPACE DESCRIBE PE	ROPOSED PROGRAMITE	PROPOSAL IS TO DEEPEN OF	PEUR BACH. BIVE DAYA C	N PRESENT PR	ODUCTIVE TONE	AND PROPOSED NEW PRODU
hereby certify that the informati	collabore in true and com	clete to the best of my kry	pwiedge and belief.			
hereby certify that the informati	on above is true and com					
icaca Ledella	too	Tule Field Serv	vices Administr	ator	Date1	0-6-80
(This space to	State Usel		THE RESERVE THE PROPERTY OF THE PARTY OF THE	The state of the state of the state of		
	De Millon	DEPUTY OIL 8	GAS INSPECTOR, DIS	ST. #3	DATE OC	T 1 0 1980
PROVED BY TOUR						
ONDITIONS OF APPROVAL, IF	OK					
*	0					
	C 0,					

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO RGY AND MINERALS DEPARTMENT

## SANTA FE, NEW MEXICO 87501

P. O. DOX 2088

Form C-107 Revised 10-1-78

		All distances must	the from the cuter hour	darles of the Section	····	· · · · · · · · · · · · · · · · · · ·
Operator			Lease			Well No.
ENERGY RESE		1	GALLEGOS	CANYON UNIT	· · · · · · · · · · · · · · · · · · ·	323
Unit Letter	Section	Township	Range		Juan	
M Actual Footage Loca	32	29N	12W	San	ouan	
	_		<sub>e and</sub> 860		West	11-2
1030 Ground Level Elev:	feet from the OC		Pool	feet from the	W650	line Dedicated Acreage:
5622	Picture		1	Pictured Cl	iffo	160 Acres
<ol> <li>If more the interest and</li> <li>If more that</li> </ol>	an one lease in d royalty). n one lease of	dedicated to th	ip is dedicated to th	and identify the	ownership	thereof (both as to working
dated by control Yes  If answer in this form if No allowab	No If a state of the inecessary.)	unitization, force answer is "yes," force cowners and trace and trace and to the well un	-pooling. etc?  type of consolidation  t descriptions which  ntil all interests have	have actually be	en consoli	ommunitization, unitization, en approved by the Commis-
	           Se	OL CO SAVIA	0 1980 To 1 wision		Name Field Position Energy	MULIVAN
10301		3	32		shown notes under r is true knowle  Date Sun Register and Fre	ptember, 9 1880 ad Protession of Engineer and Sprveyor 2
	Sc	ale: 1"=1000"		7.	Gertifica 3950	

Dt_Mod	TabLock	AppNo	appcateg	OilGas	OrderNo	AmendN	Applican	contactn	R_Order	Dt_Rovd	Dt Susp	Dt_Order	dt_expire	dt cance	GntyNm	Reviewer	St_Dist	Issuing0	cmmnts	Add_cc	LoggedE	FacilityID B
		pSNH013 6235584	Downhol e Commin gling	Gas	605	0	BP AMERIC A PRODUC TION COMPAN Y		11567	12/24/200		12/28/200			San Juan	Hayden	Aztec	Aztec	GCU #323			

Page: 1 Document Name: untitled

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	l C	B	A
40.00	40.00	40.00	40.00
CS			
E05462 0005			 
GLACIER PARK COMP	Fee owned	Fee owned	Fee owned
U 08/10/61	U	U	U
	A		A
	F	   G	Н
40.00	40.00	40.00	40.00
CS	CS	CS	
E05462 0005	B10405 0030	E02447 0001	
GLACIER PARK COMP	BP AMERICA PRODUC	BP AMERICA PRODUC	Indian owned
U 08/10/61	U 06/24/53	U 02/10/59	U
A		A A	
F01 HELP PF02	PF03 EXIT P	F04 GoTo PF05	PF06
F07 BKWD PF08 FW	D PF09 PRINT P	F10 SDIV PF11	PF12

Date: 11/19/2002 Time: 11:07:30 AM

Page: 1 Document Name: untitled

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	K	l J	l I
40.00	40.00	40.00	40.00
CS	CS	CS	CS
E05462 0005	E02447 0001	E05462 0005	B10405 0062
GLACIER PARK COMP	BP AMERICA PRODUC	GLACIER PARK COMP	BP AMERICA PRODUC
U 08/10/61	U 02/10/59	U 08/10/61	U 06/24/53
	A	A	
М	N	0	P
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B11318 0037	E05462 0005	E02754 0002	B10405 0082
ENERGEN RESOURCES	GLACIER PARK COMP	BP AMERICA PRODUC	ENERGEN RESOURCE
U 06/26/54	U 08/10/61	U 07/08/59	U 06/24/53
A			A
PF01 HELP PF02	PF03 EXIT P	F04 GoTo PF05	PF06
PF07 BKWD PF08 FWI	PF09 PRINT P	F10 SDIV PF11	PF12

Date: 11/19/2002 Time: 11:07:33 AM

CMD :

ONGARD

11/19/02 11:01:21

OG6IWCM

INOUIRE WELL COMPLETIONS

OGOMES -TPEY

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

Date: 11/19/2002 Time: 11:07:58 AM

CMD : ONGARD 11/19/02 11:01:25 OGOMES -TPEY OG6ACRE C102-DEDICATE ACREAGE Page No: 1 API Well No : 30 45 24615 Eff Date : 05-14-1994 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS) 570 GALLEGOS CANYON UNIT Prop Idn : 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 Rnq Acreage L/W Ownership Lot Idn C 32 29N 12W 40.00 N FED 32 29N 12W 40.00 N ST

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

Date: 11/19/2002 Time: 11:08:02 AM

CMD: 0NGARD 11/19/02 11:01:34

OG61PRD 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	We]	ll No	Property	y Name				Days Prod		ion Volumo Oil	es 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

Date: 11/19/2002 Time: 11:08:12 AM

CMD: ONGARD 11/19/02 11:01:37

OG61PRD 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

Al	ΡI	We]	ll No	Property	/ Name		Pro	odn.	Days	Product	ion Volume	s	Well
							MM/	/YY	Prod	Gas	Oil	Water	Stat
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	12	96	31	2267		702	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	01	97	31	2107		685	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	02	97	25	1228		494	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	03	97	31	2055		272	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	04	97	30	1665		312	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	05	97	31	1416		470	F
3 (	0	45	24615	GALLEGOS	CANYON	UNIT	06	97	3.0	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

Date: 11/19/2002 Time: 11:08:14 AM

CMD: ONGARD 11/19/02 11:01:38

OG61PRD 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	Wel	l No	Property	/ Name			odn. /YY	Days Prod	Product Gas	cion Volume Oil	es Water	Well Stat
3.0	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
3.0	45	24615	GALLEGOS	CANYON	UNIT	1.0	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

Date: 11/19/2002 Time: 11:08:15 AM

CMD: 0NGARD 11/19/02 11:01:40

OG61PRD 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	I Well No Property Name				Pro	Prodn. Da		Product	Production Volumes			
						MM,	/YY	Prod	Gas	Oil	Water	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

Date: 11/19/2002 Time: 11:08:16 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 11:01:41

OG61PRD 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 W	API Well No Property Name					odn. 'YY	Days Prod	Productic Gas	n Volumes Oil	Water	Well Stat
30 4	24615	GALLEGOS	CANYON	UNIT	09	98	3.0	213		649	
		GALLEGOS			-	98	26	126		488	F
30 4	5 24615	GALLEGOS	CANYON	UNIT	11	98	30	507		165	F
30 4	24615	GALLEGOS	CANYON	UNIT	12	98	31	217		266	F
30 4	5 24615	GALLEGOS	CANYON	UNIT	01	99	31	305		364	F
30 4!	5 24615	GALLEGOS	CANYON	UNIT	02	99	28	816		527	F
30 4	5 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

Date: 11/19/2002 Time: 11:08:17 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 11:01:42

OG61PRD 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	PI Well No Property Name				odn. /YY	Days Prod	Product Gas	ion Volume Oil	es 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

Date: 11/19/2002 Time: 11:08:18 AM

CMD: 0NGARD 11/19/02 11:01:43

OG61PRD 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	We:	ll No	Property	y Name			odn. /yy	Days Prod	Product Gas	cion Volume Oil	s 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	0.1	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

Date: 11/19/2002 Time: 11:08:20 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 11:01:44

OG61PRD 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	Wel	ll No	Property	/ Name		Pro MM/		Days Prod	Product Gas	ion Volume	s 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	0.8	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

Date: 11/19/2002 Time: 11:08:21 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 11:01:45

OG61PRD 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	PI Well No Property Name			Prodn. MM/YY		-			on Volume	-	Well		
						IMIM /	YY	Prod	Ga	S	Oil	Water	Stat
		04615		CANTICOL									
30	45	24615	GALLEGOS	CANYON	ONTT	ΟŢ	01	3-1				365	F
30	45	24615	GALLEGOS	CANYON	UNIT	02	01	28				421	F
30	45	24615	GALLEGOS	CANYON	UNIT	03	01	31				482	F
3.0	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	15	1		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

Date: 11/19/2002 Time: 11:08:22 AM

CMD: ONGARD 11/19/02 11:01:46

OG61PRD 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	We.	ll No	Property	/ Name		Pro	odn.	Days	Producti	on Volume	es	Well
						MM,	/YY	Prod	Gas	Oil	Water	Stat
30	45	24615	GALLEGOS	CANVON	 יידואוו	08	01	31	244		557	
30			GALLEGOS			09		30	229		647	F 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	3.1	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

Date: 11/19/2002 Time: 11:08:23 AM

Page: 1 Document Name: untitled

CMD: ONGARD 11/19/02 11:01:48

OG61PRD 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							Days Prod	Product Gas	ion Volume Oil	s 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
3.0	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	80	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

Date: 11/19/2002 Time: 11:08:24 AM

CMD :

ONGARD

11/19/02 11:01:54

OG6IWCM

INOUIRE WELL COMPLETIONS

OGOMES -TPEY

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

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

Date: 11/19/2002 Time: 11:08:33 AM

CMD: 0NGARD 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

Date: 11/19/2002 Time: 11:08:40 AM

CMD: ONGARD 11/19/02 11:02:12

OG61PRD 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

Date: 11/19/2002 Time: 11:08:51 AM

## 1993

## NORTHWESTERN NEW MEXICO

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ALL GAS IN M. C. F.

#### Stogner, Michael

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



	OUCING:	INATION IS BEING SOUGHT FOR A WELL
	A1 occluded natural gas from coal se A2 natural gas from Devonian shale. A3 natural gas from a designated tigh	
. FO	R ALL APPLICATIONS FOR DETERM	INATION 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.)
		-
	Measured Depth of the Completed Interval TOP  PPLICANT'S MAILING ADDRESS AND	BASE
. A	TOP	
. A	TOP PPLICANT'S MAILING ADDRESS AND	BASE
E. A.	TOP  PPLICANT'S MAILING ADDRESS AND ONSIBLE FOR APPLICATION:	BASE
LESP	PPLICANT'S MAILING ADDRESS AND CONSIBLE FOR APPLICATION:  Applicant's Name *	BASE
1. 2.	PPLICANT'S MAILING ADDRESS AND CONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *	BASE
1. 2. 3.	PPLICANT'S MAILING ADDRESS AND CONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *	D THE IDENTITY OF THE PERSON WHO IS
1. 2. 3. 4.	PPLICANT'S MAILING ADDRESS AND ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*	D THE IDENTITY OF THE PERSON WHO IS
1. 2. 3. 4. 6.	PPLICANT'S MAILING ADDRESS AND CONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*  Name of Person Responsible *	D THE IDENTITY OF THE PERSON WHO IS
1. 2. 3. 4. 6. 7.	PPLICANT'S MAILING ADDRESS AND ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*  Name of Person Responsible *  Title of Such Person *	5. Zip Code  and Phone No. ( )

Ł,

(1/2000)

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

#### APPLICATION FOR DETERMINATION

#### GENERAL INSTRUCTIONS

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

Attachment 2-1



# 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

y Valder

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



Title Senior Regulatory Analyst

Date September 5, 2001

and the state of t

ENERGY AND MINERALS DEPARTMENT



EXAMINER

OIL CONSERVATION DIVISION 2041 Pacheso Br. 1220 South St. Francis Pr. SA. Indicate Type of Lease FOR DIVISION Santa Fe, NM 87505 STATE X FEE APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION USE ONLY: 5. State Oil & Gas Lease No APPROPIATE FILING FEE(S) ENCLOSED? YES \_\_\_\_\_ NO \_\_\_\_. - FILING FEE(S) -DATE COMPLETE APPLICATION FILED Seat. 19. 2001 Effective October 1, 1986, a non-refundable filing fee of DATE DETERMINATION MADE November 20, 200 2 \$25.00 per category for each 7. Unit Agreement Name application is mandatory. (Rule WAS APPLICATION CONTESTED? YES \_\_\_\_ NO \_\_\_\_\_. 2, Order No. R-5878-8-3 8. Farm or Lease Name NAME(S) OF INTERVENORS(S), IF ANY: Gallegos Canyon Unit 9. Well No. 2. Name of Operator 323 Amoco Production Company 10. Field and Pool, or Wildcat 3. Address of Operator Basin Fruitland Coal P.O. Box 3092 Houston TX 77253 12. County 1030 FEET FROM THE SOUTH LINE LOCATED \_ San Juan RGE. 12W WEST LINE OF SEC. 32 TWS. 29N 860 FEET FROM THE 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) All items required by Rule 14 (1) and/or Rule 14 (2) B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir) All items required by Rule 15 C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103 All items required by Rule 16a OR Rule 16B D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103 All items required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule 17 (5) E. STRIPPER WELL NATURAL GAS UNDER SEC. 108 All items required by Rule 18 API No. 30-045-24615 FOR DIVISION USE ONLY I, HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY Approved KNOWLEDGE AND BELIEF. Disapproved Mary Corley NAME OF APPLICANT (TYPE OR PRINT) The information contained herein includes all of the information required to be filed by the applicant under Suppart 8 of Part 274 of the FERC regulation

### Hlava, Cherry L

From: Sent:

Subject:

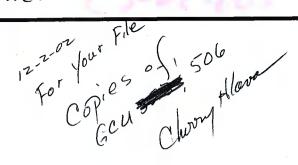
To:

Corley, Mary L

Monday, December 02, 2002 8:10 AM

Hlava, Cherry L

FW: NGPA Well Determinations





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

Subject: NGPA Well Determinations

November 25, 2002

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) Galleges 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. THI PROD	E NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL UCING:									
	A1 X occluded natural gas from coal seams.  A2 natural gas from Devonian shale.  A3 natural gas from a designated tight formation.									
B. FOI	R 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'									
	PLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE 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 Churry Hava and Phone No. (281) 366 - 4081									

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

FERC Form-121 (1/2000)

## Federal Energy Regulatory Commission Washington D.C.

Form Approved OMB No. 1902-0038 (Expires 9/30/03)

#### APPLICATION FOR DETERMINATION

#### **GENERAL INSTRUCTIONS**

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

### Stogner, Michael

CS-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:

Well	Reservo	ir Cate	gory	
(1) Gallegos Canyo	า•Unit #323	Eruitland C	oal A1 coals	eam gas
(2) Heaton Gas Cor	n LS #9A	Fruitland C	coal A1 coals	seam gas
(3) Heaton Gas Cor	n LS #9A	Mesaverde	A3 tight	formation gas
(4) Bunce Com #1	Mes	saverde	A3 tight form	ation gas
(5) Gallegos Canyo	n Unit #506	Pictured CI	iffs A3 tight fo	rmation 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:

Well	Reservoir	Category	
Gallegos Canyon Uni	t #506 Pie	ctured Cliffs A3	tight formation gas2 copies
Gallegos Canyon Uni	t #323 Fr	uitland Coal A	1 coal seam gas2 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