Revised 10/1/86

### State of New Mexico



ENERGY AND MINERALS DEPARTMENT

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4	
	40

•	OIL CONSERVATION DIVISION 2040 Backers St. 1220 South St. Former 13	· No
FOR DIVISION	Santa Fe, NM 87505	5A. Indicate Type of Lease
	EAD PRICE CEILING CATEGORY DETERMINATION	STATE FEE X
APPROPIATE FILING FEE(S) ENCLOSED? YES _	NO FILING FEE(S) -	5. State Oil & Gas Lease No.
DATE COMPLETE APPLICATION FILED Sold.	9 2001 . Effective October 1, 1986,	1
DATE DETERMINATION MADE	a non-refundable filing fee of \$25.00 per category for each	7. Unit Agreement Name
WAS APPLICATION CONTESTED? YES N	application is mandatory. (Rule 2, Order No. R-5878-8-3	
NAME(S) OF INTERVENORS(S), IF ANY:	NA 2, Oluci 140. K-3676-6-3	8. Farm or Lease Name Heaton Gas Com LS
2. Name of Operator		9. Well No.
Amoco Production Company		9A
3. Address of Operator P. O. Box 3092 Houston, TX 77253		10. Field and Pool, or Wildcat  Blanco Mesaverde
4. Location of Well  UNIT LETTER LOCATED		12. County
AND 1080 FEET FROM THE EAST LINE OF SE		San Juan
11. Name and Address of Purchaser(s)		
El Paso Field Services		
Check appropriate box for category sou	ight and information submitted. Enter required information of	on lines 1 and 2 helow
		on titles I and 2, octow.
<ol> <li>Category(ies) sought (By NGPA Se</li> <li>Filing Fee(s) Amount Enclosed</li> </ol>		
	25.00	
3. All applications must contain:	The period of the period of by Ho B Lov	
	N FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK	
	LETION OR RECOMPLETION REPORT	
	LLING SURVEY, IF REQUIRED UNDER RULE 111	
d. AFFIDAVITS OF MA		
	tions must contain the items required by the applicable rule	
	pplications for Wellhead Price Ceiling Category	
Determinations" as follows:		
	URAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile	or 1000 Feet Deeper Test)
	required by Rule 14 (1) and/or Rule 14 (2)	
	URAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore re	eservoir)
	required by Rule 15	
	HORE PRODUCTION WELL UNDER SEC. 103	
All items	required by Rule 16a OR Rule 16B	
	HIGH COST NATURAL GAS (TIGHT FORMATION, DEE	P, COAL SEAM, AND
	N ENHANCEMENT) UNDER SEC. 103	
	s required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule	: 17 (5)
	WELL NATURAL GAS UNDER SEC. 108	
All items	required by Rule 18	
	API No. 30-0	45-24988
I, HEREBY CERTIFY THAT THE INFORMATION CONTAIN	NED FOR DIVISION USE (	ONLY
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.	Approved	
Mary Corley	Disapproved	
NAME OF APPLICANT (TYPE OR PRINT)	——	
	The information contained herein includes a	Ill of the information required
	to be filed by the applicant under Subpart 8	
SIGNATURE OF APPLICANT	regulation 711-111	
Title Senior Regulatory Analyst	11111111111	
Date September 5, 2001	EXAMINER	
Date Oppidition of accept	EXAMINER	

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 Heaton Gas Com LS Well No. 9A San Juan County, New Mexico

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

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

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

Very truly yours

Sr. Regulatory Analyst

Enclosures

Cc: Working Interest Owners

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

# AFFIDAVIT TIGHT FORMATION GAS

STATE OF TEXAS
COUNTY OF HARRIS

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

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

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

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

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

Mary Corley

Senior Regulatory Analyst

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

Notary Public

My Commission Expires:



£34-4 C.105 Revised 1-1-89 State of New Mexico Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies Energy, Minerals and Natural Resources Department WELL API NO. DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION 3004524988 P.O.Box 2088 5. Indicate Type of Lease DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe. New Mexico 87504-2088 FEE X STATE 6. State Oil & Gas Lease No. DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 WELL COMPLETION OR RECOMPLETION R 7. Lease Name or Unit Agreement Name la. Type of Well: GAS WELL X DRY 🗌 OTHER OIL WELL Heaton Com LS b. Type of Completion: DIFF RESVR OTHER DIST WORK BACK X MEM L DEEPEN 8. Well No. 2. Name of Operator Attention Dellas Kalahar 9 A Amoco Production Company 9. Pool name or Wildcat 3. Address of Operator (303) 830-5129 80201 Colorado Blanco Mesaverde P.O. Box 800 Denver 4. Well Location South East 1740 Unit Letter Feet From The Line Line and Feet From The **NMPM** County Range 11W San Juan Township 31N Section 32 13. Elevations (DF & RKB, RT, GR, etc.) 14. Elev. Casinghead 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 10. Date Spudded 5815' GR 06-13-94 02-28-82 03-08-82 Rotary Tools Cable Tools 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals
Drilled By 15. Total Depth YES NO 6925' KB 6948' KB 20. Was Directional Survey Made 19. Producing Interval(s), of this completion - Top, Bottom, Name **Bottom 4669** MV Point Lookout Top 4565' NO 22. Was Well Cored 21. Type Electric and Other Logs Run NONE NO 23. CASING RECORD (Report all strings set in well) HOLE SIZE CEMENTING RECORD AMOUNT PULLED **DEPTH SET** WEIGHT LB./FT. CASING SIZE 12 - 1/4" 305 sx CL B 308' KB 36# 9 5/8 CL-B Neat 4481' KB 8 - 3/4" 1st: 95 sx CL-B, 150 sx 23# CL-B, 150 sx CL-B 2nd: 295 sx TUBING RECORD 25. LINER RECORD 24. PACKER SET SÍZE DEPTH SET SACKS CEMENT SCREEN BOTTOM TOP SIZE 4648 2800" 2 3/8" 6948' KB 290 4386' KB 4 1/2" 1 1/4" 4584 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 26. Perforation record (interval, size, and number) AMOUNT AND KIND MATERIAL USED DEPTH INTERVAL see attached PRODUCTION Well Status (Prod. or Shut-in) Production Method (Flowing, gas lift, pumping - Size and type pump) **Date First Production** Slw/o 1st Deliv Flowing Gas - Oil Ratio Gas - MCF Water - Bbl.

Perf & Frac Sundry 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Choke Size

Choke Size

Hour Rate

Calculated 24

to be sold

Hours Tested

Casing Pressure 1/20

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

Date of Test

Flow Tubing Press.

30. List Attachments

Printed Name

Prod'n For

Test Period

Oil - Bbl.

Dallas Kalahar

Oil - Bbl.

Gas - MCF

Staff Business Analyst

Test Witnessed By

Water - Bbl.

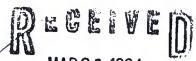
Oil Gravity - API - (Corr.)

### INSTRUCTIONS

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

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

		So	utheastern New Mexico				Northwest	em N	ew Mexico	
T.	Anhy		T. Canyon	T	. Ojo	Alamo	866'	т	. Penn. "B"	
			T. Strawn				tland 911'	T	Page (ICI)	
B. 3	Salt		T. Atoka	т	Pict	ured Clif	fs 23001	т	Penn. "D"	
			T. Miss				3970'	_ т	Leadville	
			T. Devonian				4130'	т	Madison	
Т. •	Queen		T. Silurian	Т.	Poin	it Lookou			Elbert	
			T. Montoya				4899'	т	McCrecken	
			T. Simpson					т	Ignacio Qtzte	
Т. С	Glorieta		T. McKee	Ba	se Gre	eenhorn _	6624		Granite	
			T. Ellenburger						oraline	
			T. Gr. Wash							
			T. Granite							
т. 1	Drinkard		T. Delaware Sand	т.	Entr	ada		_ T		
T. /	Nbo		T. Bone Springs	Т.	Wine	ate		— <u>т</u>		
T. V	olfcamp		Т	T.	Chin	le		т		
T. F	Penn	,	Т	Т	Perm	ian				
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Includ	e data on ra	te of water	inflow and elevation to which wa	ter rose in l	ole					
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No. 3,	from	***************			•••••					
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urfac	e 866	866	San Jose							
866	911	45	Ojo Alamo							
911	1946		Kirtland	i						
1946	2300		Fruitland							
2300	2500	200	Pictured Cliffs	l l						
2500	3970	1470	Lewis							
3970			Cliffhouse							
4130			Menefee							
4630			Point Lookout							
4899			Mancos							
5890			Gallup							
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6680	1	1 1	Graneros ·	. [			1			
6735	TD	213	Dakota				1			
ALL I	EPTHS EX	PRESSE	IN KB * logical m	arker be	ed					



Submit 3 Copies to Appropriate District Office  State of New Mexico Energy, Minerals and Natural Resources Department II	CON. DIV Form C-103 Revised 1-1-89 DIST. 3
DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION	WELL API NO.
P.O. Box 1980, Now 88240  P.O.Box 2088  DISTRICT II Santa Fe, New Mexico 87504-2088	3004524988
P.O. Drawer DD, Artesia, NM 88210	5. Indicate Type of Lease
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	STATE FEE X  6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
I. Type of Well:	Heaton Com LS
OIL GAS WELL X OTHER	
2. Name of Operator Attention:	8. Well No.
Amoco Production Company Dallas Kalahar	9A
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-5129	9. Pool name or Wildcat  BASIN DA
4. Well Location	I DASIN (DITE
Unit Letter I : 1740 Feet From The South Line and 108	80 Feet From The East Line
	IMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
11. Check Appropriate Box to Indicate Nature of Notice, Re	port, or Other Data
	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING	OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING TEST AND CEN	MENT JOB
OTHER: Recomp to MV & FC X OTHER:	
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, it work) SEE RULE 1103.	including estimated date of starting any proposed
Amoco Production Company intends to recomplete the subject well into the Mesaverd dually produce the well per the attached procedures. The existing Dakota formation we	
Amoco also requests approval to construct a temporary 15'x15'x5' blow pit for retur completion of this operation. This Sundry Notice supercedes our Sundry dated Augus Yeager Com A1. This well has been renamed as the Heaton Com LS 9A.	
NAME CHANGE TO : HEATON COM LS 9A	MERSINEM
FORMERLY: YEAGER COM A 1	
	JAN 3 1 1994
If there any questions, please contact Dallas Kalahar at 303-830-5129.	OIL CON. DIV.
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	DIST. 3
SIGNATURE Staff Busines	ss Analyst DATE 10-21-1993
TYPE OR PRINT NAME Dallas Kalahar DEPUTY OR & GAS INSPECTOR, DE	<b>51. </b> 43 TELEPHONE NO. ≥ 24 - 4

TYPE OR PRINT NAME



### JANUARY 25, 1994 (1st Version)

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

#### PERFORATE

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

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

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

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

Form C-102 Revised 1-1-89

### OIL CONSERVATION DIVISION

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

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

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

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

### . WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

					LCBSC					Well No.	
Amoco Pr	oduci	ion Co	moanv		Heator	n Co	om LS			9A .	•
Letter	Section		Township		Range				County		
I	3	2	31N		11W			NMPM	San J	uan	
ual Footage Loca	tion of Y	Yell:							•.		
740	feet fro	m the SO	uth	line and	1080			fed from	the East	line Dedicated Acre	204'
and level Elev.	,		g Formation and Coa	1	Basin I	Promis	hnel+	Coal		320	5/
815											Acres
2. If more	: than on : than on	e lease of dil	licated to the we	well by colored per ill, outline each and is dedicated to the	l identify the ow	nership	thereof (both	as to worki			
If answer	Yes is "no" l		No II	answer is "yes" ty riptions which have	actually been o	pilomo					
No allow:	able will	be assigned	to the well until minating such it	all interests have b derest, has been ap	proved by the D	d (by co	onenunitization	, unitizatio	a, forced-pooli	ng, or otherwise)	
				R	ECE	V	ED		I hereby	TOR CERTIF y certify that ein in true and wledge and belief	the informat complete to
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,	ì			.0	OIL CON		ĺΛ		Printed Nume	Kalahar	
						Ť-			Position	ess Analy	
									Сотраву	rod. Co.	
	ä		•						Date March	16, 199	1
			•						SURVE	YOR CERTI	ICATION
						5 9 2	108	2	on this plat actual surve supervison.	tify that the well was plotted fro ys made by mand that the so the best of my	m field note e or under ime is true
					. <del></del> -	+++			Signature &	n file"	
						0411	·	-	Professional	Surveyor .	
}		1						1	Certificate N	lo.	
		- KIND OF THE STREET	0 1980 2310	2640	2000 1500	1	000 500				

STATE OF N												sed 10-1-78
NERGY AND MINER		RTMENT	OII	CONS	FRV	ATION	אום	ISION			/	
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FILE		-	54	MIAF	E, NE	WINEXIC	.0 8	7501		5, Sta	ite Oil é	Gas Lease No.
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OPERATOR							-			VIII	/////	
. TYPE OF WELL									Č,	7. Un:	it Agree	ment Name
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TYPE OF COMP	ETION				UN 1	J		1 (1)	- 1	8. Fa	m or Le	ease Name
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Name of Operator						4 9.			27	9. Wel	I No.	
Tenne	co Oil	Company							Å	1		
Address of Operato						<del></del>			ð.	10, F1	eld and	Pool, or Wildcat
P. O. 1	Box 324	9, Engl	ewood, CC	80155	5		and the	Service Market Market		В	asin	Dakota
Location of Well	<u>`</u>									1111	7777	mmmm
											/////	
IT LETTERI		174	0		South	n		1080		VIII	1111.	
IT LETTER	LOCA			FROM THE _		LINE A	77	TITTE	FEET PROP	12. Co	<u> </u>	<i>millilli</i>
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E East LINE o			hed 17. Date				777	7/////	PVP PT	· V		lev. Cashinghead
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6948' KB	1		25' KB		Many Multip	ole Compl., H	ow		als , Roted By ,	ary Tools O' - Tl		Cable Tools
									<b>→</b> ;	0 - 11		i
. Producing Interva	l(s), of this	completion	- Top, Botton	n, Name							25.	Was Directional Surve
6760 6060	LIZD										.	
6760-6860												No
None	Other Logs	Run				•						Well Cored NO
			CA	SING RECO	ORD (Rep	port all string	s set	in well)				
CASING SIZE	WEIG	HT LB./FT	. DEPT	HSET	но	LE SIZE	1	СЕМЕ	NTING RE	CORD		AMOUNT PULLED
9-5/8"		36#	308'	KB	12-	-1/4"	305	sx Cl-	-B			
7"		23#	4481'	KB	8-	-3/4"		: 95sx		150sx (	С1-В	neat
							1	: 295sx		_		
						-	1					
		LINE	R RECORD					30.		TUBING	RECOR	D
SIZE	TOF	•	воттом	SACKS C	EMENT	SCREE	ı	SIZE	D	EPTH SE	т	PACKER SET
4-1/2"	4386	'KB	6948'KB	290	)			2-3/8'		330'KB		
-												
Perforation Record	(Interval, s	ize and nu	mber)			32.	ACI	D. SHOT. F	RACTURE	. CEMEN	T SQUE	EZE, ETC.
6760-64'K			9' <b>-</b> 58 h	oles)				ERVAL				MATERIAL USED
6812-28'K		•				6760-6						HCL & 87 1.1 S
6851-60'K												gal 70% quali
									1			0/40 sand
					PROD	UCTION			L.,			
te First Production		Production	n Method (Flor	ving, gas l			nd typ	e pump)		Well S	Status (	Prod. or Shut-in)
3/23/82			Flowing			•					Shut-	·
te of Test	Hours Te	sted	Choke Size	Prod'n.	For	OII - Bbl.		Gas - MC	F Wa	ter - Bbl.		as - Oil Ratio
4/5/82		3	3/4"	Test Pe		J Jun.		296	""	201.	- 13	-U - OII NAMO
w Tubing Press.	Casing F		Calcuiated 24	- O(I B)	<u></u> >	Gas -	MCE		nter Di-		011.0	mitter ADM/C
162 psi	648 p		Hour Rate			4	864	1 "	ater - Bbl.		OH Gre	gvity - API (Corr.)
			ented etc.	.					1	- W/-	-d B	
Disposition of Gas To be sold		for juet, v	ciucu, eic.)						Te	st Witness	ed By	
List of Attachment None	8											
					•							
I hereby certify the	u the inform	ation show	n on both side	s of this fo	rm is tru	e and comple	le w	the best of	my knowle	dge and b	elief.	
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SIGNED	enise	· U	Us.	<b>∠</b> тіті	LEP	roduction	n A	nalyst		DATE_	4/8	8/82

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

Form C-102 Revised 1-1-89

### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

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

### . WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				Lease				Well No.
Amoco F	roduction (		Heat	9A				
Unit Letter	Section	Township		Range				
I	32	31N		11W		NMPM	San Ju	ian
Actual Footage Lo	cation of Well:						•	
1740	feet from the	South	line and	1080		feet from	the East	line
Ground level Elev. 5815	Prod	verde		P∞l Blanco	Mesaverde	9		Dedicated Acreage: 320 E/2
I, Outli	ne the acreage dedic	cated to the subject well	y colored per	cil or hachure	marks on the plat bel	ow.		
		dedicated to the well, or					ng interest and	જીયોષ્).
uniti II answ this for No allo	eation, force-pooling Yes or is "no" list the own if neccessary. wable will be assign	No If answers and tract description	ver is "yes" ty as which have sterests have b	pe of consolida actually been een consolidate	tion consolidated. (Use re	everse side of		
or until	a non-standard unit	, eliminating such interes	t, has been up	proved by the l	Division.	·		
	MAR 2 1 1994 CON. 1 DIST. 3	4			140°		I hereby contained here best of my known bigginature  Printed Name Pallas Position Busines  Company Amoco Product  March  SURVEY  I hereby certification plat is actual survey supervison, accorrect to the belief.	YOR CERTIFICATION  fy that the well location show was plotted from field notes s made by me or under n nd that the same is true at the best of my knowledge at the file" cal of
		) 200 ( 100 ( T-10)					Certificate No	
0 330 660	990 1320 1	650 1980 2310 26	10 2	500 1500	1990 500	0		

NO. OF COPIES RECEIVED						20	0-040-6	74780
DISTRIBUTION		NEW	MEXICO OU CONSI	EDVATION COUNT	CCION			
SANTA FE	+	NEW	MEXICO OIL CONS	ERVATION COMMI	33101		Form C-101 Revised 1-1-6	5
FILE	+							Type of Lease
	+						STATE	
U.S.G.S.	+						_	
LAND OFFICE	1-1						.5, State OII	& Gas Lease No.
OPERATOR								
	N FOR PER	MIT TO	DRILL, DEEPEN,	OR PLUG BAC	K			
1a. Type of Work							7. Unit Agree	ement Name
DRILL X			DEEPEN	p	LUGB	ACK		
b. Type of Well			טבנו בוז		LUGE	ACK []	8. Form or L	ease Name
OIL GAS X	OTHER			SINGLE X	MUL	ZONE	Yeager	Com "A"
2. Name of Operator			-	LONE CLE		1011	9. Well No.	
Tenneco Oil Co	ompany							1
3. Address of Operator				-			10 Field mo	i Pool, or Wildcat
P.O. Box 3249	. Englewoo	d. co	80155					
							Basin D	akota
4. Location of Well	R I	LOC	ATED 1740	FEET FROM THE	<u>S</u>	LINE		
AND 1080 FEET FROM	THE E	LIN	E OF SEC. 32	TWP. 31N RGE	11	W NMPM	$\overline{m}$	
					IIII		12. County	
					7777		San Juan	
		TTILL			1111	111111		
					////			
	4444	HH	444444	19. Proposed Depth	19	9A. Formation	,,,,,,,,	20, Rotary or C.T.
				±7000'		Dakota		Rotary
21. Elevations (Show whether DF,	RT, etc.) 2	IA. Kind	& Status Plug. Bond		ctor	Danoca		Date Work will start
Ground 5815'	,		nket					
23.		DIA	iket	Four Corn	918		J Jun	e, '81
23.		Р	ROPOSED CASING AN	D CEMENT PROGRA	AM			
SIZE OF HOLE	SIZE OF C	ASING	WEIGHT PER FOO	T SETTING DE	PTH	SACKS OF	CEMENT	EST. TOP
12 ½"								201. 101
	9 5/8"	new	36#	+300'		Circula Circula Su	rtace	
8 3/4"	7" new		23#	±3600!		Circula		
6 ½"	4½" new		10.5#	±7000'		liner t	go	
	•		•				_	
See attached dri	illing pro	cedure	٠,					
occ accaonea ari	riing pro	ccaar	•					
						4	ST-	
						CAR V	111-11	
mb 2 - 14				•		1882	1 A F	
The gas is dedic	cated.					106 63	1200	1
			POR OF BASS UN	D		1. S. 20.	2 130	\$
			POR OF THE UN	LESS		1 DR	CON	<b>.</b>
		7	DRILLING COMMEN	KCED,		1 Hi.	-ON. 3	1
			, _			1 OIL	015T. "	
		EVAL	DRILLING COMMEN			10	2 1981 CON. COM DIST. 3	
		LAPI	, LO 0 /			Contract of the same	No. of Concession, Name of Street, or other Desires, or other Desi	
							Buserus	AMA BRADASEA WEW AS
			PROPOBAL IS TO DEEPEN	OR PLUG BACK, GIVE D	ATA ON	PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODU
	ER PROGRAM, IF	ANY.						
TIVE ZONE. GIVE BLOWOUT PREVENT	ER PROGRAM, IF		plete to the best of my l	enowledge and belief	•			
	ER PROGRAM, IF							
Tive Zonc. Give slowout PREVENT I hereby certify that the information	ER PROGRAM, IF						Date <u>Marc</u>	h 23. 1981
I hereby certify that the information	en program, is		olete to the best of my l					
Tive zone. Give allowout PREVENT I hereby certify that the information	en program, is		Tule Senior P	rodution Ana				
I hereby certify that the information	en program, is		Tule Senior P					n 23, 1981 PR 9 1981
I hereby certify that the information	en program, is		Tule Senior P	rodution Ana				

STATE APD



San Juan Business Unit Amoco Production Company

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

Phone: 281-366-4491

August 29, 2001

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

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



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

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

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

Very truly yours

Mary Corley

Sr. Regulatory Analyst

Enclosures

DIVISION OUL CONSERVATION OUL CONSERVATION

Offic	cial Receipt	5		- 4/	o. <u>117303</u>
	eived from: Ro	- OCD   SF -	Kothy Valdes	Dollar Amount	× 2001
DR	AMOUNT	CENTER	CREDIT	DEPOSIT	WORK
CR.	NUMBER	NUMBER	AMOUNT	NUMBER	ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60	1893	0711	150.00		
60					
60					
60					
	• • • • • • • • • • • • • • • • • • • •	TOTAL	150.00		
NG	PA Full	ng Fee		By 🕊	



Amoco Production Company 509 South Boston Tulsa, OK 74103 62-20 311 CHECK NO.

09/10/01

PAY TO THE ORDER OF STATE OF NEW MEXICO 2040 PACHEO ST SANTA FE, NM 87505 US

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

NOT VALID AFTER 6 MONTHS

One hundred fifty and 00/100 Dollars

TRACE NUMBER:

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

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



New Menins

DRUG FREE

H's a State of Hind!

January 4, 1995

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

Attention: J. W. Hawkins

Administrative Order NSL-3449

Dear Mr. Hawkins:

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

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

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

Sincerely

Michael E. Stogner Acting Director

MES/kv

cc:

Oil Conservation Division - Aztec

New Mexico State Land Office - Santa Fe US Bureau of Land Management - Farmington

VILLAGRA BUILDING - 408 Galisteo

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

Park and Recreation Division P.O. Box 1147 87504-1147 827-7465 2040 South Pacheco

Office of the Secretary 827-5950

Administrative Services 827-5925

Energy Conservation & Management 827-5900

> Mining and Minerals 827-5970 Oil Conservation

Conservati

State of New Mexico Form C-103 Revised 1-1-89 Energy, Minerals and Natural Resources Department to Apprend District Office OIL CONSERVATION DIVISION ETRICT I O. Box 1980, Hobbs, NM 88240 WELL API NO. P.O.Box 2088 WIL GONSERVS 3004524988 DIVISION Santa Fe, New Mexico 87504-2088 RECEIVED DISTRICT II P.O. Drawer DD, Artesia, NM 88210 5. Indicate Type of Lease STATE X FEE | DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 6. Stole Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Heaton Com LS 1. Type of Well: OIL WELL OTHER 8. Well No. Attention: 2. Name of Operator **Amoco Production Company** Lois Raeburn 3. Address of Operator 9. Pool name or Wildcat Basin Dakota 80201 Colorado P.O. Box 800 Denver 4. Well Location 1080 West South Line 1740 Line and Feet From The Feet From The Unit Letter San Juan 31N **NMPM** 11W County 32 Township Range Section 10. Elevation (Show whether L.F., RKB, RT, GR, etc.) 5815' GR Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: **ALTERING CASING** REMEDIAL WORK PERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT TEMPORARILY ABANDON **CHANGE PLANS** CASING TEST AND CEMENT JOB **PULL OR ALTER CASING** OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. On 5/25/94, MIRUSU, SET CMT RET @ 6690', PRESS TEST TO 1500 PSI, PMP 200 SKS CL B NEAT CMT, PMP 12 BBLS CMT BELOW RET, PRESS TST TO 2500 PSI, ND BOP NU FRAC VLV & PRESS TO 3500 PSI, HELD OK, NUBOP SEE COMPLETION FOR RDMO. OIL CON. DIV. I hereby certify that the prormation above is true and complete to the best of my knowledge and belief. Busines last SIGNATURE TELEPHONE NO. (303) 830-5294 Lois Raeburn TYPE OR PRINT NAME (This space for State Use) y Rolinso DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE

CONDITIONS OF APPROVAL, IF AN

WILL GURL DUM

PO Driwer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fo. No. 87504-2088

Submit to Appropriate District Office 5 Copies

1990 Kiu Brazos Rd., Aziec, NM 87410 Sistrict IV PO Box 2088, Santa Fe, NM 87504-208	a.		e, NM 8750		OIL C	ONSERVA 140	N DIVISM	ENDED REPORT	
I. REQUES	T FOR A	LLOWAB	LE AND AT	JTHORI	ZATI	ALL OF NO	MNSPOR	Γ	
Amoco Produc		me and Address			'95	ER 2/78 A	d ognipy.	nber	
P.O. Box 800	00201				ľ		Reason for Fills		
Denver, CO	80201					RC			
Al'I Number			Front Name				71	' I'uul Code 629	
30 - 0 45 - 24988	land Coa	Ι .			/ 1.	029			
Property Code	Hea	ton Com	LS 'Property l	lame		' Well Number 9A			
I. 10 Surface Location	n		<del></del>			<del>:</del>			
Ul or lot no. Section Township I 32 31		Løt.ldn 	Feet from the	attitude of the same of the sa		FEL	County San Juan		
Bottom Hole L	ocation		· · · · · · · · · · · · · · · · · · ·					1	
UL or lut no. Section Townshi		Lot l'dn	Feet from the	from the North/South line Feet !			East/West lin	e County	
Lee Code "Producing Method	Code 16 Gas	Connection Date	19 C-129 Per	mit Number	•	C-129 Effective	Date "	C-129 Expiration Date	
II. Oil and Gas Transpo	orters						•		
Transporter OGRID	" Transporter and Addre		" 1	" POD " O/G			" POD ULSTR Lucation and Description		
007057 El Pasc	Natura	l Gas Co	o.		G				
P.O. Bo	ox 4990 jton, NM	87499							
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### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 



BAUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

### MEMORANDUM

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 ISO5I 827-5800

TO:

Frank Chaves, Supervisor District III

Ernie Busch, Geologist

FROM:

William J. LeMay, Director

SUBJECT:

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

San Juan Basin.

DATE:

June 7, 1994

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

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

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

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

Form C-102 Revised 1-1-89

# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

15TRICT 1 .O. Dox 1980, 1106bs, NM 88240 NSTRICT II O. Drawer DD, Artesia, NM 88210

USTRICT III
000 Rio Brazos Rd., Aziec, NM 87410

### . WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

		Leaso	Well No.
lor		Heaton Com LS	9A
Amoco Production	Township	Range	County
Letter Section		11W	NMPM San Juan
I 32	31N	1 1 1 1	
al Footage Location of Well:	gauld.	line and 1080	fed from the East line
740 feet from the	roducing l'onnation	I l'ool	Dedicated Acres et 320 S/2
Fru Fru	itland Coal	Basin Fruitland	Coal
1. Outline the acreage do 2. If more than one lease unitization, force-poo Yes If answer is "no" list the this form if necessary.	edicated to the subject well by a is dedicated to the well, outling the of different ownership is dedicting, etc.?  No If answer a owners and tract descriptions as is gued to the well until all interest, in	colored peocil or hachure marks on the plat below ne each and identify the ownership thereof (both icated to the well, have the interest of all owners is "yes" type of consolidation which have actually been consolidated. (Use re- rests have been consolidated (by communitization has been approved by the Division.	been consolidated by communitization,  rerse side of  n, unitization, forced-pooling, or otherwise)  OPERATOR CERTIFICATION  I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.
		MAR21 1994 L CON. DIV	Printed Name Dallas Kalahar  Posillos Business Analyst  Company Amoco Prod. Co.  Dale March 16, 1994  SURVEYOR CERTIFICATION
		108	I hereby certify that the well location sho on this plat was plotted from field notes octual surveys made by me or under supervison, and that the same is true correct to the best of my knowledge belief.  Data Surveyed "On file"  Signature & Scal of Professional Surveyor

PO Box 1980, Il District II PO Drawer DD, District III 1000 Rio Brazos District IV PO Box 2088, S.	Artesia, NN Rd., Aztec, anta Fe, NM	M 88211-0719 , NM 87410 1 87504-2088	0	Santa F	ERVATION/PO Box 2088 Fe, NM 8750	©1.V18.161 4-2088 94/JU	RECI	AM 8 5	ON II it to Appropr	Form C-10- February 21, 199, istructions on back iate District Office 5 Copie ENDED REPORT
		duction	Operator nat	ne and Address					1 OGRID Num	
	er, C		1		A in				Reason for Filin	g Code
30 - 045-	11 Number 24988		Bla	nco Mes	Pool Nam	ic	1		723	Poul Code
' Pr	' Property Code ' Property Name Heaton Com LS					* Well Number				
I. 10 S	Surface	Location							<del></del>	<del></del> ,
Ul or lot av. I	Section 32	Township 31N	Range 11W	Lot.ldn	Feet from the 1740	KNegh/South FSL	Line	Feet from the	East/X/Kt line FEL	County San Juan
11 1	3ottom 1	Hole Loca	tion							
UL or lut no.	Section	Towaship	Range	Lot Idn	Feet from the	North/South	line	Feet from the	East/West line	County
" Lac Code	13 Product	ng Method Cod	e 14 Gas	Connection Date	e 14 C-129 Peru	nlt Number	10	C-129 Effective I	Dute 17 C	-129 Expiration Date
II. Oil a	nd Gas	Transporte	ers							
"Transpoi OGRID			rensporter l and Addres	5	10 IK	)D / <sup>D</sup>	O/G	1	I NTEJU GOT I and Descript	
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District O	ffice
State Leas	e - 6 copies

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	Energy, Minerals and Natural Resources Department
	CONSERVATION DIVISION CONSERVATION DIVISION
	ACHCERVA TURBET CONTENTS A TRANSPORT
AH.	GUNDEN OIL CONSERVATION DIVISION
W 540	PULL CONDENT MILON DIVIDION

DISTRICT I	OIL CONSERVE DI	CONSERVATION DIVISION
P.O. Box 1980,	Hobbs, NM 88244RECE TED	P O Box 2088

ρη **βαξίθ**Fe, New Mexico 87504-2088

	ELL AFI NO.	
	3004524988	
<	Indicate Type of Lease	

					S	TAT	E	
i.	State	Oil	æ	Gas	Lease	No.		

94 300 20	. 10 •
DISTRICT III	

000 Rio Brazos Rd., Azte	c, NM 87410				
WELL CON	PLETION OR RI	ECOMPLE	TION	压力	即一條写
OIL WELL	GAS WELL X	DRY [	OTHER	JUN :	2 9 1994

7. Lease Name or Unit Agreement Name

b. Type of Completion:

DEEPEN

Dallas Kalahar

Heaton Com LS

2. Name of Operator

PLUG X

8. Well No.

**Amoco Production Company** 3. Address of Operator P.O. Box 800

Denver

Colorado

6925' KB

80201

(303) 830-5129

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter

Feet From The

Township 31N

Range 11W

**NMPM** 

Feet From The San Juan

County

Line

FEE X

Section 32 10. Date Spudded

02-28-82

23.

28.

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.) 06-13-94

13. Elevations (DF & RKB, RT, GR, etc.) 5815' GR

14. Elev. Casinghead Cable Tools

15. Total Depth

03-08-82 16. Plug Back T.D.

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

17. If Multiple Compl. How Many Zones?

South

Bottom 2317

NO 20. Was Directional Survey Made

YES

Rotary Tools

21. Type Electric and Other Logs Run

NONE

Top 2060'

22. Was Well Cored NO

CASING RECORD (Report all strings set in well)

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

24.		LINER RECO	ORD		25. T	)	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	4386' KB	6948' KB	290		2 3/85	4848	2800'
					1 1/2"	2306'	
04 7 5	12					CEL CEL EL COTI	DDGE DEG

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC AMOUNT AND KIND MATERIAL USED

see attached

**PRODUCTION** 

Production Method (Flowing, gas lift, pumping - Size and type pump)

Prod'n For

Test Period

Oil - Bbl.

Well Status (Prod. or Shut-in) Slw/o 1st Deliv

Hours Tested Date of Test

Choke Size Choke Size

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - Oil Ratio

Flow Tubing Press. Casing Pressure

Calculated 24 Hour Rate

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

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

to be sold

Test Witnessed By

30. List Attachments

**Date First Production** 

Perf & Frac Sundry

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed

Dallas Kalahar

Title Staff Business Analyst

### 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

	Southeaste	ern Ne	w Mexico	44		Northwestern	N	ew Mexico
T. B. T.	Anhy	T. T	Canyon Strawn Atoka Miss Devonian Silurian Montoya Simpson McKee Ellenburger Gr. Wash Delaware Sand Bone Springs	T T T T T T T T T T T T T T T T T T T	. Ojo Alamo . Kirtland-Fruitl . Pictured Cliffs . Cliff House . Menefee . Point Lookout . Mancos . Gallup ase Greenhorn . Dakota . Morrison . Todilto . Entrada . Wingate . Chinle	866' and 911' 2300' 3970' 4130' 4630' 4899' 5890' 6624' 6735'	T.	Penn. "B" Penn. "C" Penn. "D" Leadville Madison Elbert McCracken Ignacio Otzte Granite
I.	Cisco (Bough C)	T.		— 1 Т	. Penn "A"		Т.	
			OIL OR GAS S	AND	S OR ZONES			
٧o.	2, from		important v	<b>NA</b>	No. 4, from		••••	to
Vo.	1, from		and elevation to which water toto toto			feetfeet		

m	То	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
rf	866	866	San Jose				·
866	911	45	Ojo Alamo				
9111	1946	1035	Kirtland				
946	2300	354	Fruitland				
3001	2500	200	Pictured Cliffs				
500	3970	1470	Lewis				
970	4130	160	Cliffhouse				
130	4630	500	Menefee				
630	4899	269	Point Lookout				
899	5890	991	Mancos				
890	6624	734	Gallup				
624	6680	561	Greenhorn				
680	6735	55	Graneros			ĺ	
735	TD	213	Dakota	11			
		}					
				11.			
	,				1	, ,	
`						, .	
•				,			,

### **HEATON COM LS 9A**

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

4664 - 4669, 4632 - 4658, 4565 - 4568

RD WLE.

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

2314 - 2317, 2257 - 2276, 2238 - 2241, 2183 - 2186, 2172 - 2176, 2159 - 2162, 2153 - 2155,

2149 - 2151, 2145 - 2147, 2140 - 2142, 2134 - 2136, 2075 - 2082, 2068 - 2070, 2060 - 2065

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

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

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

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

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

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

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

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

Form	C-105
Revise	ed 1-1-89

DISTRICT I P.O. Box 1980, Hobb	CONSERVA NM 88240	ON DIAS	LOCON	SERVATIO	N DIV	ISION	1 2	VÉLL API NO	300452	4988	
DISTRICT II	REGER	CU	Santa Fe	P.U.Box 200	88- 87504-2	088		5. Indicate Typ			[2]
P.O. Drawer DD, Art	esia, NM, 88210	AM 8	50	DE6				6. State Oil &	STA'		FEE X
DISTRICT III 1000 Rio Brazos Rd.,	Aztec, NM 8741	0			5릲山		U)	J. Call Oil W	2020	-	
	OMPLETION		OMPLET	ION BEPORT	ANDL	QG,	ע ע				
1a. Type of Well:	GAS WEI	, [V]	DRY -	OTHER	N 2 0	1004		7. Lease Name	_	ement N	lame
OIL WELL		T [7]	DKI			DIN	_	leaton Com	LS		
b. Type of Completion NEW WORL WELL OVER		PLUG BACK		~ HE	Mol. 8		/0				
	DEEPEN	BACK						8. Well No.		·	
2. Name of Operator  Amoco-Production C	ompany			Attention	Dallas Ka	ahar			9A		
3. Address of Operato					(202)	920 E	120	9. Pool name o	or Wildcat		
P.O. Box 800	Denver	Colora	do	80201	(303)	830-5	158		Blanco Ma	saverde	
4. Well Location	174	0		South		1	080		_ Eas	t	
Unit Letter	:	Feet I	rom The		Lic	e and		Feet Fre	om The		Line
Section 32		Town	ship 31N	Rar	age 11W		NMI	M San	Juan		County
10. Date Spudded	11. Date T.D. R	1	12. Date C	ompl. (Ready to F	rod.)	13. Elev		& <i>RKB, RT,GI</i> 15' GR	R,esc.)	4. Elev.	Casinghead
02-28-82 15. Total Depth		Back T.D.		17. If Multiple Co Many Zones?	mpl. How	18.	Intervals Drilled By		8 (	Cable To	ols
6948' KB		6925' KB		Many Zones?	2		Drilled By	YES		N	0
19. Producing Interval		ion - Top, I	Bottom, Nam Top 45	16		Rotte	om 4669'	2	O. Was Direct	tional Su	rvey Made
MV Point L			Top 45		·	Bott		22. Was Wel	NO I Cored		
21. Type Electric and	omer rogs kun		NONE					NO			
23.		CAS	ING RI	ECORD (Re	port all	string	s set in	well)			
CASING SIZE	WEIGHT			H SET	HOLE S		1-	ENTING R	ECORD	AMO	UNT PULLED
9 5/8"	36			' KB	12 - 1/-		305 sx	CL B			
7"	23	#	448	1' KB	8 - 3/4	*	1st: 9		-B, 150 sx		CL-B Neat
,	-						2nd: 2	95 sx C	L-B, 150 sx	1	- CL-B
								66			
24.		LINE	R RECO	RD			25.		JBING RE		
SIZE	TOP		TTOM	SACKS CEMEN 290	VT S	CREEN		SÎZE 2 3/8"	DEPTH : 4648		PACKER SET 2800'
4 1/2"	4386' KB	594	18' KB	290	-		. 1 A	1 1/4"	4584		2800
26. Perforation record	(interval, size, an	d number)			27. A	CID, S	HOT, FR	ACTURE,			EZE, ETC.
					D	EPTH IN	TERVAL	AMOUN	T AND KIN	D MATI	RIAL USED
see at	tached				-						
28.				PRODI							
Date First Production		Production	n Method (F	Towing, gas lift, p	umping - S	tize and ty	pe pump)		Well Statu Siw/o 1s	•	or Shut-in)
Date of Test	Hours Tested	CI	noke Size	Prod'n For Test Period	Oil - Bi	ol.	Gas - MC	CF W	ater - Bbl.		Gas - Oil Ratio
Flow Tubing Press.	Casing Pressu	1	lculated 24-	Oil - Bbl.	Ga	- MCF	Wat	ter - Bbl.	Oil Grav	ity - AP	- (Corт.)
29. Disposition of Gas	(Sold, used for fu							Test W	itnessed By		
	,, ,	,, 6	to be sold								
30. List Attachments				D- 5 D F	Sd-						
31. I hereby certify that	the information	houm on ho	th sides of the		ac Sundr		t of my know	wledge and bei	lief		
Δ	. /	1	suce Uj Ul	in Joins to true total			-y,yu.	g			6/- 1-
Signatural	las Ka	laha	L	Printed Name	Dallas K	alahar	Tit	le Staff Bus	iness Analy	st_Date	127/94

### **INSTRUCTIONS**

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

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

		Southeastern Ne	w Mexico	mi mo		Northwestern	New N	<b>l</b> exico
T.	Anhy	T.	. Canyon		. Ojo Alamo _	866'	T. Penn	. "B"
		T.		TO THE STATE OF	. Kirtland-Fruitle		T. Penn	. "C"
В.	Salt	T	Atoka	7	. Pictured Cliffs		T. Penn	. "D"
T.	Yates	T.	Miss	7	. Cliff House _	3970'	T. Lead	ville
T.	7 Rivers	Т.	Devonian	7	. Menefee	4130'	T. Mad	ison
T.	Queen	Т.	Silurian	7	. Point Lookout	4630'	T. Elbe	rt
		T.				4899'	T. McC	racken
T.	San Andres	T	Simpson		. Gallup	5890' 6624'	T. Ignac	cio Otzte
		T.						ite
T.	Paddock	T.	Ellenburger _		. Dakota			
T.	Blinebry	Т.	Gr. Wash		. Morrison		т	
T.	Tubb	T.	Delaware Sand	i 7	. Todilto		T	
T.	Drinkard	T.	Bone Springs		. Entrada	<del>,</del>	T	
T.	Abo	T.			. Wingate	· · · · · · · · · · · · · · · · · · ·	T	
T.	Wolfcamp_	T.		7	Chinle		Т	
T.	Penn	Т.		7	. Permain		Т	
T.	Cisco (Boug	gh C) T.		7	. Penn "A"		Т	
				L OR GAS SAN				
No.	1, from		to	•••••	No. 3, from		to	)
No.	2, from		to		No. 4, from		to	)
			IN	IPORTANT WA	TER SANDS			
ncl	ude data on 1	rate of water inflow	and elevation to	o which water ros	e in hole.			
No.	1, from		to			feet		
No.	2, from		to			feet		
No.	3, from		to			feet		************
				RD (Attach a				

From	То	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
Surf	866	866	San Jose				
866	911	45	Ojo Alamo				
911	1946	1035	Kirtland		٠		•
1946	2300	354	Fruitland				
2300	2500	200	Pictured Cliffs				
2500	3970	1470	Lewis				
	4130	160	Cliffhouse				•
4130	4630	500	Menefee				
4630	4899	269	Point Lookout				
4899	5890	991	Mancos				
5890	6624	734	Gallup				
6624	6680	561	Greenhorn				
6680	6735	55	Graneros				
6735	TD	213	Dakota			1	
						1	<u>.</u>
		`	· ·				

### **HEATON COM LS 9A**

5/26/94 RU WLE & RIH W/CBL CCL GR & RAN LOG FROM CMT TOP @ 5913' TO SURF UNDER 1000 PSI. RIH W/3-1/8 HCG & PERF MV W/2 JSPF 120 DEG. PHASED 13 GRAM CHARGE FROM:
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RIGGED UP COIL TBG UNIT & RIH W/1-1/4 TBG & LANDED @ 4584, RIGGED UP N2 EQUIP & PUMPED 35,000 SCF N2 & PUMPED OUT PLUG. RIGGED DWN COIL TBG UNIT. TURNED WELL OVER TO PRODUCTION 6/13/94.

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

### State of New Mexico

Form C-103

to Appropriate District Office	Energy, Minerals and Natural Re		Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs NM 5824	ON OIL CONSERVATION P.O.Box 2088	DIVISION	WELL API NO.
DISTRICT II	Santa Fe. New Mexico 8	7504-2088	3004524988
P.O. Drawer DD, Artesia, NM 88	210 AM Santa Fe, New Mexico 8		5. Indicate Type of Lease  STATE FRE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM			6. State Oil & Gas Lease No.
SUNDRY	NOTICES AND REPORTS ON W	VELLS	
DIFFERENT R	R PROPOSALS TO DRILL OR TO DEEP ESSERVOIR. USE "APPLICATION FOR I RM C-101) FOR SUCH PROPOSALS.)	EN OR PLUG BACK TO A PERMIT"	7. Lease Name or Unit Agreement Name
1. Type of Well:	NIN C-101) FOR SOCH FROT OSALS.		Heaton Com LS
OIL GAS WEIL	L X OTHER		(FORMERLY YEAGER COM/A/#1)
2. Name of Operator	Attention:	lee Kalaher	8. Well No.
Amoco Production Company 3. Address of Operator	Dali	las Kalahar	9. Pool name or Wildcat
P.O. Box 800 Denver	Colorado 80201	(303) 830-5129	Basin Dakota
4. Well Location Unit Letter :	1740 Feet From The South	Line and 10	Peet From The East Line
Section 32	Township 31N	Range 11W	NMPM San Juan County
	10. Elevation (Show whet	her DF, RKB, RT, GR, euc.)	
11. Check	Appropriate Box to Indicate	Nature of Notice, Re	eport, or Other Data
NOTICE OF	INTENTION TO:	SU	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CE	MENT JOB
OTHER:		OTHER: PLUG	BACK
12. Describe Proposed or Complete work) SEE RULE 1103.	ed Operations (Clearly state all pertinent det	ails, and give pertinent dates,	including estimated date of starting any proposed
MIRUSU 5/24/94. TIH W	//1 JT NO TAG. TOH W/6809' TB	G, 212 JTS. TIH W/CM ATER, STUNG INTO RET	T RET & SET @ 6990'. PRESS TEST TBG , EST INJ RATE 2 BPM @ 600 PSI W/11
BBLS. RU CMT EQUIP. M	IIXED & PUMPED 200 SXS CMT C	LASS B NEAT. PUMPER	O 12 BBLS BELOW RET & PRESS UP TO S IN CSG. PULLED TBG TO 5912'. REV
OUT 14 BBLS CMT. CIRC	C 2 TBG VOL. TOH W/SETTING TO	OL. LOADED HOLE W/	WATER. NDBOP - NU FRAC VALVE & ON TO MESAVERDE & FRUITLAND COAL.
			DECEMBO
			UN 2 9 1994
			OIL CON. IV.
I hereby certify that the Minematic	on above is true and complete to the best of	my knowledge and belief.	Dist. 8
SIGNATURE SIGNATURE	las Kalaha	Staff Busine	
TYPE OR PRINT NAME	Dallas Kalahar		TELEPHONE NO. (303) 830-5129
(This space for State Use)	1 12		HIM O 0 400A
Cherk	Sholan	DEPUTY OIL & GAS INS	PECTOR, DIST. #3 JUN 2 9 1994

CONDITIONS OF APPROVAL, IF ANY:

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

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICTION OIL CONSERVATION DIVISION P.O. Drawer DD, Artesia, NM 88211-071RECEIVED OIL CONSERVATION DIVISION

P.O. Box 2088

AM 8 50 a Fe, New Mexico 87504-2088 1000 Rio Brazos Rd, Aziec, 104 87/110

Form C-107 Revised 4-1-91

Filing Instructions Bottom of Page

### APPLICATION FOR MULTIPLE COMPLETION

	Amoco Produc		Box 800, Denver, CO	80201
Operator				San Juan
	Heaton Com L		I 32-31N-R11W it Ltr Sec - Twp - Rge	County
Lease		Well No.	it Ed Sec - Twp - Nge	
		et e e e e e e e e e e e e e e e e e e	d 2 helow	
All app	licants for multiple comple	ction must complete Items 1 an		Lower
	following facts	Upper Zone	Intermediate Zone	Zone
are	submitted: Name of Pool and	Zanc	2010	
<b>u.</b>		Basin Fruitland Co	al	Blanco Mesaverde
ъ.	Top and Bottom of Pay Section (Perforations)	2060' - 2317'		4565' - 4669'
c.	Type of production (Oil or Gas)	Gas		Gas
d.	Method of Production (Flowing or Artificial Lift)	Flowing	DEARINED	Flowing
e:	Daily Production  Actual  Estimated  Oil Bbls.  Gas MCF  Water Bbls.	Oil - 0 Gas - 90 MCFD Water - 0	JUN 2 8 1994  OUL COM. DIV.	Oil - 1 Gas - 180 MCFD Water - 0
a.	and location thereof, quanti- of packers and side door cl Plat showing the location of offsetting applicant's lease.	e Multiple Completion, showing all cities used and top of cement, perforances, and such other information as of all wells on applicant's lease, all cities of a country tops and country tops and	casing strings, including diameters and set ted intervals, tubing strings, including dia s may be pertinent. If set wells on offset leases, and the name bottoms of producing zones and intervals ibmitted as provided by Rule 112-A.)	es and addresses of operators of all leases
	RATOR:	complete to best of my knowledge, and belief	OIL CONSERVATION	N DIVISION
Signat	1).00	Lalahar	Approved by:	Buch
	IName & TideDallas	Business Kalahar Analyst	Title: DEPUTY OIL & GAS INS	SPECTOR, DIST. #8
Date_	6/27/94		JUN 2 9 1994	
			ation and/or a non-standard proration unit in or	or man of the producing zones, then separate

application for approval of the same should be filed simultaneously with this application.

### FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.

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

			No.	RCN	FORMULATION	MUD TYPE	ENT	1	1 (11)	COMPRESSIVE	PRIMARY/SQUEEZE	DATE/TIME	CEMENTING	- 1	TOP LOGGED	S	DEPTH -		RUN No.	DATE @ T	DRILLING MEAS	PERMANENT	COMP.:		DCO P				MPAN		0	
		1	S 118	•	NOI	0	YPE/L	VOLUME	(a)	IVE STR			GOATA	RDED 1	- 1	- 1	LOGGER	DRILLER		J.W.E	SURED MEAS	NT DA	FIELD :	BL	ANCO N JUA	MESA	VERI				Ī	
			7.	BOREHOLE	-	MGT.	IGHT			R	Æ.	CEMENTED	_	TEMP.	INTERVAL	INTERVAL	~	R		LOGGED	FROM S FROM	MUL	SEC	011			FIELD	FE C				
			3	OLE RECORD					: Hrs			, .	SURF. STRING		_	4	5913	5912	ONE	05/25/94 e	K.B. 12	G.L.	. 32	1740 FSE	ATION :	COUNTY SAN JUAN	BLANCO	L HEATON COM	COMPANY AMOCO PRO		HALLIBURTON	
1 - 1	7.000	9.625	SIZE	0					: Hr				INT.STR	MITI	REC	noa	CEMENT	FLUID	DENS	09:30 TYPE	FT. ABOVE	LEV. 581	WP31N	L / 1888. + EL			MESAVERDE	M LS #9A	PRODUCTION CO		Z	
10.	23.0#	36	WGT.	ASING AND					s			\	PROD.	WITNESSED BY	В	ENT :	1 10P	DLEVEL	ITY OF FLU	E OF FLUID	PERM. DATUM		RGE. 11W	נת ר		STATE			COMPANY	_		D ()
4312	SURF.	SURF.	31	TUBING RE					Ha s				STRING	LARRY H	읈	$\neg$	EST/LOGGED		0	IN HOLE		ELEV.		70 00		Z				Log	.⊣ W	USTI
6925	4421	308		CORD					. Hrs		, change		LINER	HUMPHREY		50623/FARM	N/A	SURFACE	N/A	۵	O.F. 5815	:K.B. 5827		PERFORATE							O N O	С
		VIC					u.c.		652						PI	S										<u> </u>	1	1				

SERVICE TICKET NO. 652591 API SERIAL NO. PGM VERSION: 6.02B
THE WELL NAME, LOCATION, BOREHOLE DESCRIPTION AND/OR CEMENTING DATA FURNISHED BY CLIENT

RUN NO. ONE	RUN NO.	ONE	RUN NO.	DNC
PENTAL MIMPEN L'0444			India ital	ONE
SERIAL NUMBER 0111	SERIAL NUMBER	011	SERIAL NUMBER	011
10DEL NUMBER   M271	MODEL NUMBER	307	MODEL NUMBER	307
DIAMETER 3.375	DIAMETER	3.375	DIAMETER	3.25

						LOGGING	DATA					
~	AC	COUSTIC	(	SAMMA		CCL						
PASS		SCALE	S	CALE	SC	ALE	SC	ALE	SCA	ALE	SCALE	
NO.	L	R	L	R	L	R	L.	R	L	R	L	
1	0	100	0	200	9	100						

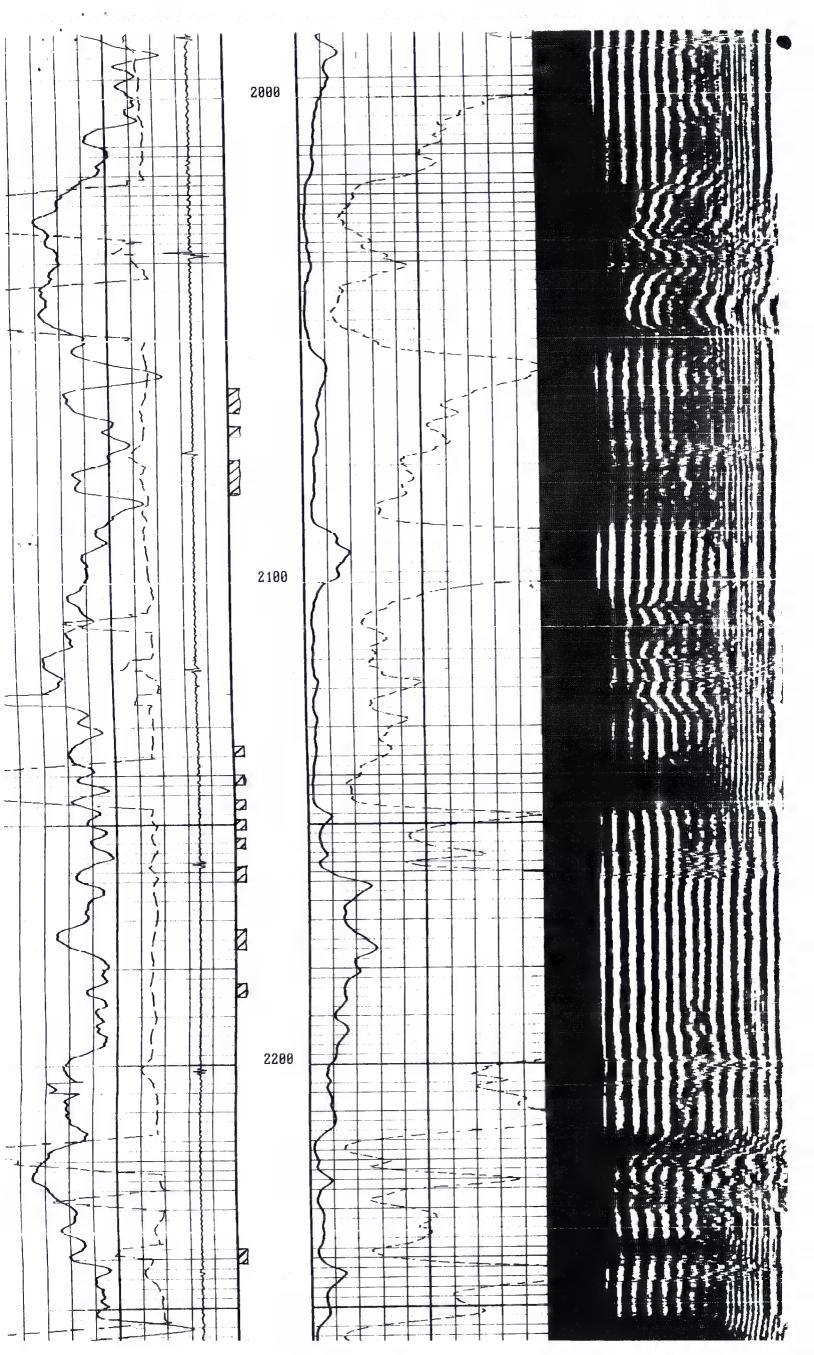
					GENERAL DATA
ASS	DEP1	THS	WELL HEAD	SPEED	LOGGING RUN COMMENTS:
0.	FROM	TO	PRESSURE	FT./MIN.	
1	5913	150F	1500#	40	
	. 55				

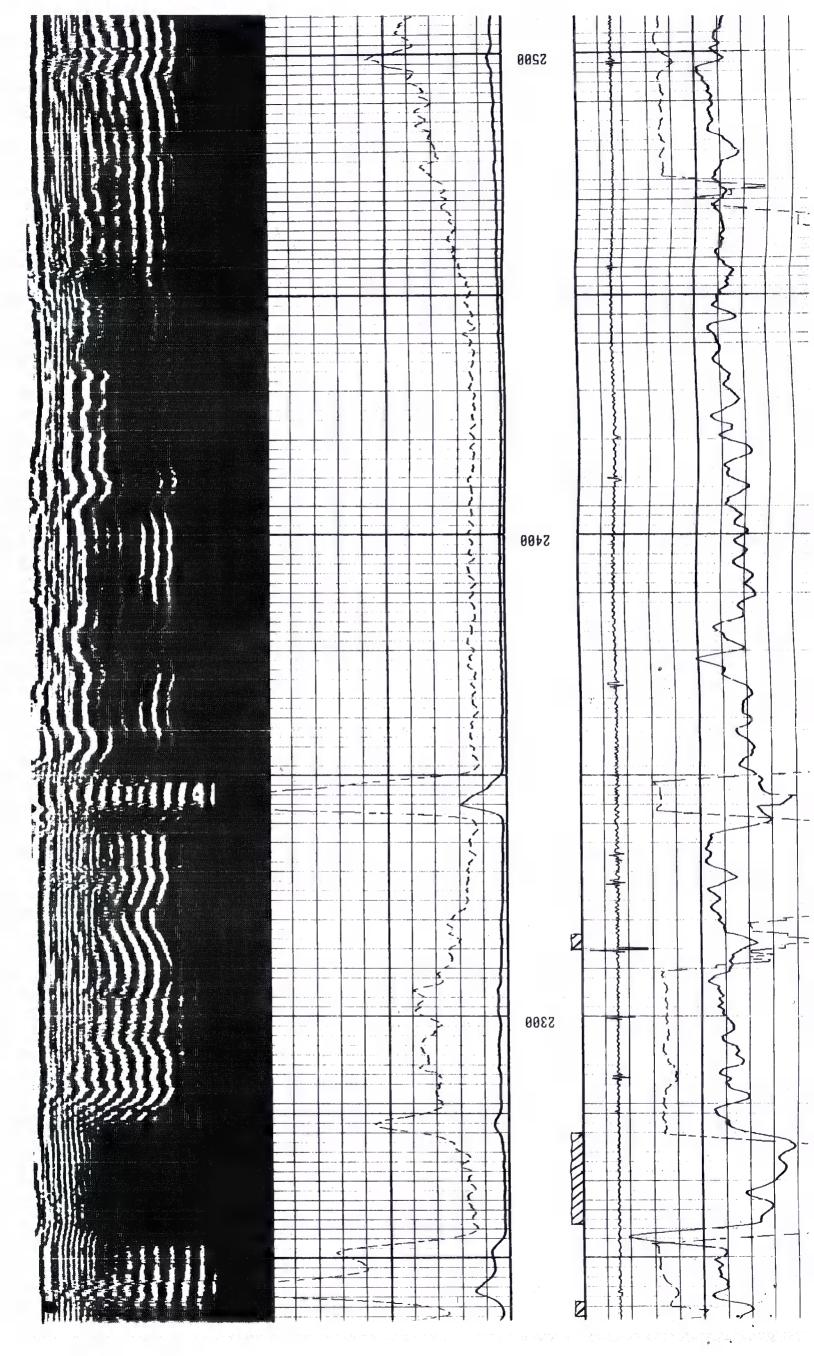
Remarks: DEPTH CORRELATED TO GEARHART CDL DATED 3-8-82.

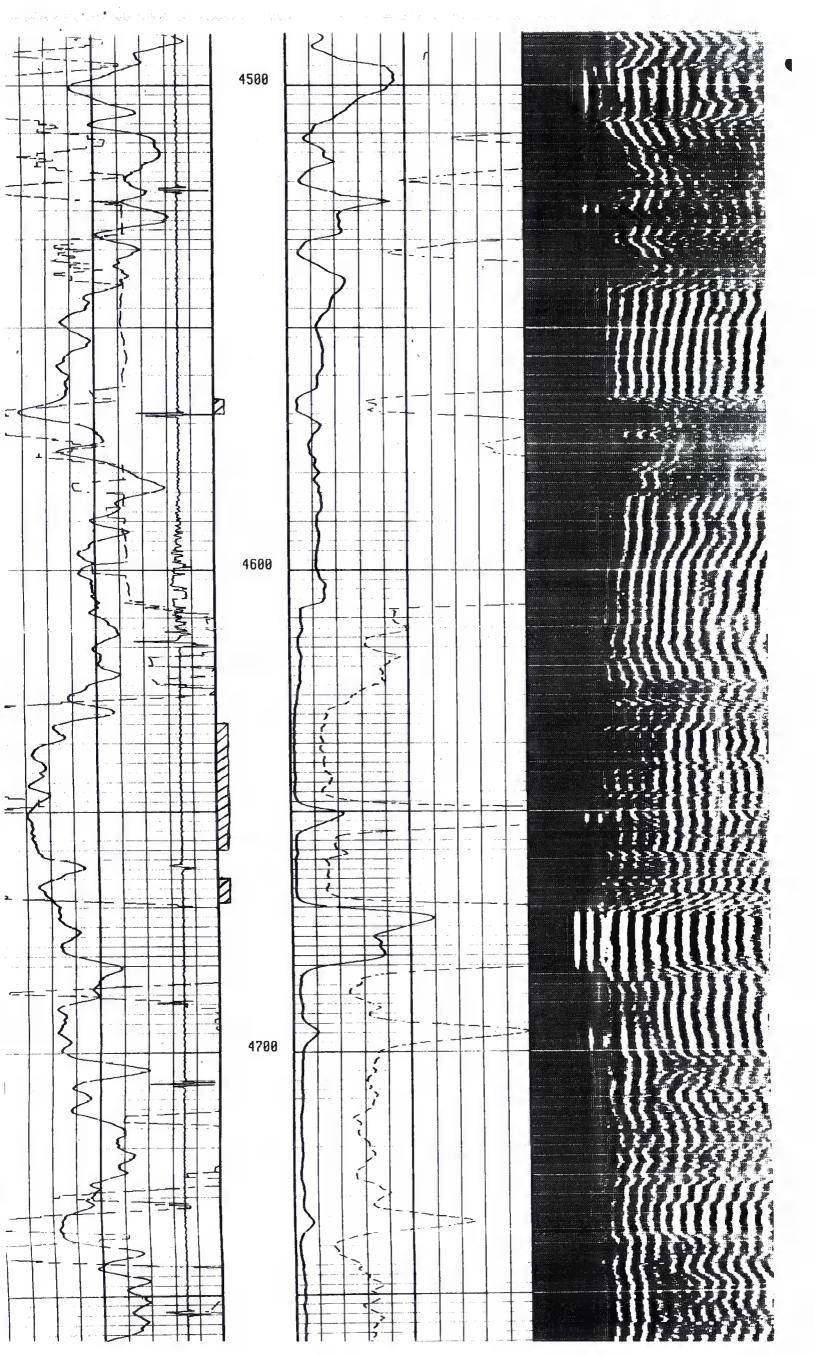
LIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF LOG DATA. CONVERSION OF LOG TA TO PHYSICAL ROCK PARAMETERS, OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL WHICH MAY APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, NUERSIONS OR RECOMMENDATIONS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

 Or ft/Feet
 [ 160.00 ]
 SUCCESS vers. 6.11 M271 atonmv.001 5/25/94 9:31

 GAMMA
 200.0 LOG UP 0.0 AMPL 100.0100 MSG 1100







		Amoco	Production	Company		File
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. . .

### State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II

OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION

P.O. Box 2088

RECEIVED Santa Fe, New Mexico 87504-2088

Form C-102 Revised 1-1-89

Certificate No.

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1320 1650 1980 2310 2640

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990

DISTRICT II P.O. Drawer DD, Ar	lesia, NM 88210	25 BM B	.50	up topició	- TO E	:DICATIO	ראוסו.	-			
DISTRICT III 1000 Rio Brazos Rd	., Aziec, NM 87410	WELL LOT All Distar	CATION A	ND ACREAC	sonuqa 3E Di	rios of the ser	clion				
Operator				Lease					Well No.		
Amoco Production Company				Heato	n C	om LS		County	9A		
Unit Letter Section Township		Range 11W NMP				0 7					
Actual Footage Loc	3.2	31N		1. 11W			NMPM				
1740	feet from the SC	outh	line and	1080			fect from	the East	line   Dedicated Acre	-10e'	
Ground level Elev. 5815	Ground level Elev. Producing Formation 5815 Mesaverde			Pool Blanco Mesaverde				•	Acres E/2		
2. If mo	te the acreage dedicated	cated to the well, o	utline each an	s idealify the own	enhip	thereof (both a	s to work	ing interest an	nd royalty).		
If answer	ation, force-pooling, etc Yes  It is "no" list the owner  In if neccessary.  wable will be assigned to  a non-standard unit, eli	No If ans and tract description the well until all	ons which hav	poen consolidated	(by co	ted. (Use reve	unitizatio	on, forced-poo	oling, or otherwise)		
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	*					/	Hold	CILY YO	NY
Submit to Appropri District Office State Lease - 4 cop Fee Lease - 3 copi	ries /	OF ENSERY 2 TON P	iergy, Minerals a	e of New Men nd Natural Re	sources Departu	nent /	Holes	Form C-102 Revised 1-1-89	(g)
DISTRICT I P.O. Box 1980, He		RECEIVED	JULICONSE B 58pnta Fc, 1	RYATIO P.O. Box 208 lew Mexico	8 87504-2088	ич			
DISTRICT II P.O. Drawer DD,	Artesia, NM 8	8210	•		•	MDLAT		•	
DISTRICT III 1000 Rio Unizos I	W., Aziec, NM	87410 . WELL	LOCATION Al	from the outer b	oundaries of the s	ection		Well No.	
Operator	Production	on Company		Heaton	Com LS			9A	
Unit Letter	Soction	Township		Range			County		
I	32	31N		11W	·	NMPM_	San J	uan	
Actual Footage L	ocation of Well	he South	line and	1080		feet from t	he East	line	
1740 Ground level Ele	ν.	Producing Formation		l'ool	ruitland	Coal		Dedicated Acresge: 320	S/2
5815	FI	uitland Co	al						(Cles
1. Out	line the acreage	dedicated to the subjo	ct well by colored per	Cit of Imericia na			أموم فمحجودات	- musliw)	
2. lf n	nore than one le	ease is dedicated to the	well, outline each and	l identify the own	endrip thereof (both	as to working	ig interest and	royalty).	. }
3 16 1	nore than one le	ease of different owner	dup is dedicated to th	o well, have the b	alerest of all owners	been consol	idated by com	ununitization,	
uni	tization, force-p	ooling, etc.?	If answer is "yes" ty						
If any	Yes wer is "no" list	the owners and tract do	escriptions which hav	sctually been co	asolidated. (Uso re	verse side of			
this fo	orm if noccessa	y. assigned to the well w	ntil all interests have	ocu consolidated	(by communitization	n, unitization	, forced-pool	ng, or otherwise)	
No al	il z non-standa lowanie wili ne	rd unit, eliminating suc	h interest, has been a	proved by the Di	vision	·			
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11	#				]	11	March	16, 1994	
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<b>\</b>							Certificate	No.	
	440 000	100 1650 1980	7110 2640	2000 1500	1000 5	0 0			

State of New Mexico Form C-103 Submit 3 Copies Revised 1-1-89 Energy, Minerals and Natural Resources Department to Appropriate District Office WELL API NO. Box 1980, Hobbs, NM 88240 3004524988 Santa Fe, New Mexicon 87504 5. Indicate Type of Lease FEE X STATE DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WE (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) **Heaton Com LS** 1. Type of Well: OIL WELL OTHER 8. Well No. Attention: 2. Name of Operator 9A Amoco Production Company Dallas Kalahar 3. Address of Operator 9. Pool name or Wildcat (303) 830-5129 80201 Colorado P.O. Box 800 Denver BRSIN DAK 4. Well Location East 1080 South 1740 Feet From The Line and Feet From The San Juan 31N 11W 32 Range **NMPM** County Section Township 10. Elevation (Show whether DF, RKB, RT, GR, etc.) Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data SUBSEQUENT REPORT OF: **NOTICE OF INTENTION TO:** ALTERING CASING PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT TEMPORARILY ABANDON **CHANGE PLANS** CASING TEST AND CEMENT JOB **PULL OR ALTER CASING** X Recomp to MV & FC OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. Amoco Production Company intends to recomplete the subject well into the Mesaverde and Fruitland Coal formations and dually produce the well per the attached procedures. The existing Dakota formation wil be plugged and abandoned. Amoco also requests approval to construct a temporary 15'x15'x5' blow pit for return fluids. This pit will be reclaimed upon completion of this operation. This Sundry Notice supercedes our Sundry dated August 8, 1993 previously submitted as the Yeager Com A1. This well has been renamed as the Heaton Com LS 9A. NAME CHANGE TO : HEATON COM LS 94 FORMERLY: YEAGER COM A\*1 MAN 3 1 1994 If there any questions, please contact Dallas Kalahar at 303-830-5129. OIL CON. DIV DIST. 3 I hereby certify that the information above is true and complete to the best of my knowledge and belief. Staff Business Analyst 10-21-1993

TYPE OR PRINT NAME

Dallas Kalahar

DEPUTY OIL & GAS INSPECTOR, DIST. APPROVED BY

APPROVED BY

STATT BUSINESS ANALYST

DATE 10-21-1993

TITLE

STATT BUSINESS ANALYST

DATE 3-24-94

TITLE

DATE 3-24-94

CONDITIONS OF APPROVAL, IF ANY:

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

#### JANUARY 25, 1994 (1st Version)

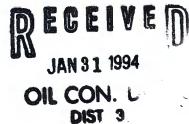
- 1. Record TP, SICP, and SIBHP.
- 2. MIRUSU.
- 3. TIH with retainer and set at 6700'.
- 4. Plug DK by pumping 200 sacks of cement through the retainer. Cap retainer with 100' of cement.
- 5. TIH with a CIBP and set at 5950', cap with 50' of cement.
- 6. Pressure test casing to 3500 psi.
- Run a GR/CCL/CBL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

#### **PERFORATE**

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

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

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



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

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

Form C-102 Revised 1-1-89

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III

# WELL LOCATION AND ACREAGE DEDICATION PLAT

1000 Rio Brazos Rd., Aztec, NM 87410 All Distances must be from the outer boundaries of the section Well No. Operator 9 A Heaton Com LS Amoco Production Company County Range Section Township Unit Letter San Juan 11W 31N **NMPM** 32 Actual Footage Location of Well: fed from the East 1080 line South 1740 line and feet from the Dedicated Acreage: Producing Formation Pool Ground level Elev. Acres E/2 Blanco Mesaverde 320 5815 Mesaverde 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? If answer is "yes" type of consolidation Yes If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signature Printed Name Pallas Kalahar Business Analyst Company Amoco Prod. Co. March 16, 1994 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my 080' supervison, and that the same is true and correct to the best of my knowledge and MAR21 1994 belief. Date Surveyed OIL CON. DIV "on file" Signature & Scal of Professional Surveyor Certificate No. 1500 1000 500 2640 2000

1980 2310

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660

1320 1650

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

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

Form C-102 Revised 1-1-89

# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

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

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

		7 111 210		Lease				Well No.
alor	milan Ca			_	Com LS			9A
Amoco Produ		Township		Range			County	
2023				11W		NMPM	San J	uan
	32	31N		1 1 77				
al Footage Location of		+h	line and	1080		feet from	the East	line
740 feel	from the SC	ng l'ormation	line and	Pool				Dedicated Acreage: 320 S/
und level Elev. 815	Fruit	land Coal		Basin I	ruitlan	d Coal	•	320 Acres S/
		ed to the subject well	hy colored pen	cil or hachure n	tarks on the plat b	clow.		
2. If more than 3. If more than unitization, i	one lease of d	edicated to the well, of the we	dedicated to the	identify the own	nership thereof (b interest of all own	oth as to worki	lidated by com	
If answer is "D	o" list the own	ers and tract description	OUR MINCU DRAG	actually been o	Ottorionico (On		· ·	
this form if no	vill be assigned	i to the well until all	interests have b	een consolidate	l (by communitiza	tion, unitizatio	n, forced-pooli	ng, or otherwise)
or until a non-	standard unit, e	liminating such intere	ed, has been ap	proved by the D	lvision.	•		
,			MAR.	21 1994 CON. D			I hereb contained her best of my kno Signature  Printed Nume Dallas Position Busine Company	ess Analyst
	*			7			Date March	rod. Co. 16, 1994 EYOR CERTIFICATION
					10,041	80'	on this plat actual surve; supervison, correct to belief.  Date Surve; "C Signature & Professional	on file" Seal of Surveyor
			per				Certificate	11V.

* * * * * * * * * * * * * * * * * * *					
Les ragestre	State	of New Mexi	co	Form C-103	_
Submit 3 Copies to Appropriate District Office	Energy, Minerals an	d Natural Res	ources Department	Revised 1-1-89	1
DISTRICT I	OIL CONSE	RVATION	DIVISION I	WELL API NO	
P.O. Box 1980, Hobbs, NM 88240		P.O.Box 2088		3004524988	
P.O. Drawer DD, Artesia, NM 88	Santa Fe, N	lew Mexico 87	7504-2088 7 FM 4 26	5. Indicate Type of Lease	EE X
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM	87410			6. State Oil & Gas Lease No.	
1000 Mile Diabos Men, 12200, 1411				7	
SUNDRY	NOTICES AND REP	ORTS ON	E CONTRACTOR		
(DO NOT USE THIS FORM FOR	R PROPOSALS TO DRILL	ORITODEEPE	BORPLOG BACK TOLA	7. Lease Name or Unit Agreement Name	
DIFFERENT R	ESERVOIR. USE "APPLI RM C-101) FOR SUCH P	ROPOSALS.)	E 1093	Vacanta Cara A	
1. Type of Well:		Al	1993	Yeager Com A	
OIL GAS WELL	L X OTHER	<b></b>	CON. DIV.		
2. Name of Operator		Attention: OIL	NET 3	8. Well No.	
Amoco Production Company		Julie L	ADISTO 3	1	
3. Address of Operator P.O. Box 800 Denver	Colorado	80201	(303) 830-6003	9. Pool name or Wildcat	
4. Well Location					
Unit Letter !	1740 Feet From The	South	Line and 108	BO Feet From The East	Line
			44144	Con tun	
Section 32	Township			MPM San Juan (	County
			er DF, RKB, RT, GR, etc.)		
11. Check	Appropriate Box 1	to Indicate N	Nature of Notice, Re	port, or Other Data	
NOTICE OF	INTENTION TO:		SUB	SEQUENT REPORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABAI	NDON 🔲	REMEDIAL WORK	ALTERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILLING	PNS. PLUG AND ABANDONI	MENT _
PULL OR ALTER CASING			CASING TEST AND CEM	IENT JOB	
OTHER: Recomplet	tion to MV	X	OTHER:		[
12. Describe Proposed or Complete work) SEE RULE 1103.	d Operations (Clearly state	all pertinent detai	ils, and give pertinent dates, ir	scluding estimated date of starting any propo	sed
				a the subject roll	
Amoco Produ	ction Company	/ intenda	s to recompled	te the subject well e the well with the	
existing Dal	saverde forma kota zone per	the att	ached procedur	es.	
Amana alas -	rominata see	oval to c	onetruat a tor	nporary 15'X 15'X5'	
(maximum si	ze) blow pi	t for r	eturn fluids.	This pit will be	
reclaimed up	oon completio	n of thi	s operation.		
If there are	any question	ıs, pleas	e contact Julio	e Acevedo @ 303-830-	
6003.					

I hereby certify that the information above is true and complete to the best of my knowledge and belief. DATE \_\_\_\_\_08-23-1993 Sr. Staff Assistant SIGNATURE

Julie L Acevedo TYPE OR PRINT NAME TELEPHONE NO.

SUPERVISOR DISTRICT #3 AUG 25 1993

TITLE SUPERVISOR DISTRICT #3

DATE

AUG 25 1993

AUG 25 1993

Aug CD Agter of CDC result. Run Bradelist Test prior to much

#### RECOMPLETION PROCEDURE YEAGER COM A 1

#### JULY 07, 1993 (1st VERSION)

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

#### PERFORATE

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

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

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

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

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

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

OIL CONSERVATION DIVISION

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

RECEIVED

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION OCT 29 AM 11 11 TO TRANSPORT OIL AND NATURAL GAS

AMOCO PRODUCTION COMPANY  Indicess  P.O. BOX 800, DENVER, COLORADO 80201  Cleason(s) for Filing (Check proper box)  Ideason(s) for Filing (Check proper box)	
cason(s) for Filing (Check proper box)  ew Well  Change in Transporter of:  ecompletion  Oil  Dry Gas  change in Operator  Casinghead Gas  Condensate  Change of operator give name d address of previous operator  DESCRIPTION OF WELL AND LEASE  ease Name  Well No. Pool Name, Including Formation  Kind of Lease	
Change in Transporter of:  completion	
completion Oil Ory Gas hange in Operator Casinghead Gas Condensate Change of operator give name daddress of previous operator  DESCRIPTION OF WELL AND LEASE  ease Name Well No. Pool Name, Including Formation Kind of Leas	<u>·                                      </u>
hange in Operator Casinghead Gas Condensate Change of operator give name di address of previous operator  DESCRIPTION OF WELL AND LEASE  ease Name  Well No.   Pool Name, Including Formation Kind of Leas	
DESCRIPTION OF WELL AND LEASE  Well No.   Pool Name, Including Formation   Kind of Lease Name   Well No.   Pool Name, Including Formation   Kind of Lease Name   Well No.   Pool Name, Including Formation   Kind of Lease Name   Well No.   Pool Name, Including Formation   Kind of Lease Name   Well No.   Pool Name, Including Formation   Kind of Lease Name   Well No.   Pool Name, Including Formation   Kind of Lease   Well No.   Pool Name, Including Formation   Kind of Lease   Well No.   Pool Name, Including Formation   Well No.   Pool Name, Including Formation   Kind of Lease   Well No.   Pool Name, Including Formation   Well No.   Poo	
ease Name Well No.   Pool Name, Including Formation Kind of Leas	
ease Name	
Unit Letter : 1740   Feet From The   FSL   Line and   1080   Feet From The   F	m The FEL Line
Section 32 Township 31N Range 11W NMPM, SAN JUA	AN County
I. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS	
ame of Authorized Transporter of Oil Or Condensate Address (Give address to which approved copy of	of this form is to be sent)
	MINGTON NM 87401
MERIDIAN OIL INC.    3535 EAST 30TH STREET, FAR	of this form is to be sent)
EL PASO NATURAL GAS COMPANY P.O. BOX 1492 EL PASO THE Company of the Paso The Company of the Paso The Paso The Company of the Paso The Pas	<del>1 79978                                 </del>
well produces oil or liquids, Unit Sec. Twp. Rge. Is gas actually connected? When relocation of tanks.	
this production is commingled with that from any other lease or pool, give commingling order number:	
V. COMPLETION DATA Oil Well   Gas Well   New Well   Workover   Deepen   Plus	g Back Same Res'v Diff Res'v
Designate Type of Completion - (X)	.T.D.
P.B. Date Spudded Date Compt. Ready to Prod. Total Depth P.B.	
levations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tube	ing Depth
Perforations Dep	oth Casing Shoe
	•
TUBING, CASING AND CEMENTING RECORD  LIGHT SIZE DEPTH SET	SACKS GEMENT
HOLE SIZE CASING & TUBING SIZE DEPTH SET	FIVEIN
U) is w	
	3 1990
/. TEST DATA AND REQUEST FOR ALLOWABLE  OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable to be equal to or exceed top allowable to be equal to or exceed to be equal to	Moe Phil 24 hours.)
OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top anoward and must be equal to or exceed to	ST. 3
	A. Cine
Length of Test Tubing Pressure Casing Pressure	oke Size
Actual Prod. During Test Oil - libls. Water - Bbls. Gar	s- MCF
CACWELL	avily of Condensate
GAS WELL  Actual Prod. Test - MCF/D Length of Test Bbis. Condensate/MMCF Gir	
Actual Prod. Test - MCI/D Length of Test Bbis. Condensate/MMCF	noke Size
Actual Prod. Test - MCI/D Length of Test Bbis. Condensate/MMCF	
Testing Method (pitot, back pr.)  Tubing Pressure (Shut-in)  Tubing Pressure (Shut-in)  Casing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE	ioke Size
Actual Prod. Test - MCI/D  Length of Test  Tubing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  1 hereby certify that the rules and regulations of the Oil Conservation	TON DIVISION
Testing Method (pitot, back pr.)  Tubing Pressure (Shut-in)  Tubing Pressure (Shut-in)  Casing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations of the Oil Conservation  Division have been complied with and that the information given above	ioke Size
Actual Prod. Test - MCI/D  Length of Test  Bbls. Condensate/MMCF  Casing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  1 hereby certify that the rules and regulations of the Oil Conservation	TON DIVISION
Actual Prod. Test - MCI/D  Length of Test  Tubing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations of the Oil Conservation  Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  Biblis. Condensate/MMCF  Casing Pressure (Shut-in)  OIL CONSERVAT  Date Approved  Date Approved  By	TON DIVISION
Testing Method (pitot, back pr.)  Tubing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations of the Oil Conservation  Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  Signature  Biblis. Condensate/MMCF  Casing Pressure (Shut-in)  OIL CONSERVAT  Date Approved  By  Supervisor  Supervisor	TON DIVISION
Testing Method (pitot, back pr.)  Tubing Pressure (Shut-in)  Casing Pressure (Shut-in)  Casing Pressure (Shut-in)  VI. OPERATOR CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations of the Oil Conservation  Division have been complied with and that the information given above is true and coraplete to the best of my knowledge and belief.  Biblis. Condensate/MMCF  Casing Pressure (Shut-in)  OIL CONSERVAT  Date Approved  By  By  3  Signature	ION DIVISION  JG 2 3 1990

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

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

State of New N Energy, Minerals and Natural R

Department

Form C-104 Revised 1-1-89 See Instructions

#### OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Well API No Operator Amoco Production Company 3004524988 1670 Broadway, P. O. Box 800, Denver, Colorado 80201 Reason(s) for Filing (Check proper box) Other (Please explain) New Well Change in Transporter of: Dry Gas Recompletion IX Change in Operator Casinghead Gas Condensate If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155 II. DESCRIPTION OF WELL AND LEASE Lease No. Pool Name, Including Formation Lease Name Well No. YEAGER COM A BASIN (DAKOTA) FEDERAL 480560920 Location 1740 \_\_\_ Line and 1080 Feet From The FSL Feet From The FEL Unit Letter SAN JUAN Section 32 Range 11W Township 31N County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Address (Give address to which approved copy of this form is to be sent) Y. O. BOX 1429, BLOOMFIELD, NM 87413 CONOCO 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 EL PASO NATURAL GAS COMPANY O. BOX 1492, EL PASO, TX 79978 When ? is gas actually connected? If well produces oil or liquids, Unit Twp. Rge. If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA New Well Workover Deepen Plug Back Same Res'v Oil Well Gas Well Designate Type of Completion - (X) Total Depth Date Compl. Ready to Prod. P.B.T.D. Date Spudded Top Oil/Gas Pay Name of Producing Formation Elevations (DF, RKB, RT, GR, etc.) Tubing Depth Depth Casing Shoe TUBING, CASING AND CEMENTING RECORD SACKS CEMENT CASING & TUBING SIZE **DEPTH SET** HOLE SIZE V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hows.) OIL WELL Date First New Oil Run To Tank Producing Method (Flow, pump, gas lift, etc.) Date of Test Choke Size Length of Test Casing Pressure **Tubing Pressure** Gas- MCF Water - Rbls. Actual Prod. During Test Oil - Ubls. GAS WELL Bbls. Condensate/MMCF Gravity of Condensate Actual Prod. Test - MCF/D Length of Test Casing Pressure (Shut-in) Onike Size Tubing Pressure (Shut in) Festing Method (pitot, back pr.) VI. OPERATOR CERTIFICATE OF COMPLIANCE OIL CONSERVATION DIVISION I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above PRP 80 YAM is true and complete to the best of my knowledge and belief. Date Approved Mample. SUPERVISION DISTRICT # 3 Admin. Suprv.

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

L. Hampton Printed Name

Janaury 16, 1989

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

Title.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

303-830-5025

Telephone No.

- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

# POST OFFICE BOX 990 FARMINGTON, NEW MEXICO



NOTICE OF GAS CONNECTION

DATE June 30, 1983

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

GAS FROM Ten	neco Oil Company	Yeager Com A #1				
	Operator	Well	Name			
94-637-01	27333-3-01_	I	32-31-11			
Meter Code	Site Code	Well Unit	S-T-R			
Basin Dakota		El Paso Natural Gas Company				
	Pool	Name of Purchaser				
WAS MADE ON	March 22, 1983,	FIRST DELIVERY	June 2, 1983			
WAS MADE ON _	Date		Date			
AOF2364						
CHOKE1966						
	4	El Paso I Purchaser	Natural Gas Company			
	043	Representativ	le Vallerson			
	Co	<u>Coordina</u> Title	tor Production San Juan			

cc: Operator Houston & Englewood
Oil Conservation Commission — 2
PROMETER EL Paso Production Control
Contract Administration
File



OIL CON. DIV.

San 3000

Jeagn Con ##1 I-32-31-11

August 19, 1982

#### Memorandum

To:

Assistant Deputy Minerals Manager, Field Operations, MS 410

From:

District Supervisor, Oil & Gas, Farmington, NM

Subject: Termination of Communitization Agreement, SRM-1557

Communitization Agreement SRM-1557 covering the S<sup>1</sup>/<sub>2</sub> sec. 32, T. 31 N., R. 11 W., comprised of 80 acres of Federal lease Santa Fe 078097, and 240 acres of Fee land was approved on August 18, 1980 for production from the Dakota formation effective December 10, 1979. The term of the Communitization Agreement was for two years. No Dakota well was drilled on the Communitization Agreement prior to December 10, 1981 and the Agreement should be considered to have terminated on its own terms as of that date.

For James F. Sims

cc: BLM, Santa Fe

AUG 2 3 1982 OIL CON. COM. DIST. 3



40. OF COPIES RECEIVED	-	Supersedes Old
DISTRIBUTION		C-102 and C-103
NTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
LE	<u> </u>	5a. Indicate Type of Lease
s.G.S.		State Fee X
AND OFFICE		5. State Oil & Gas Lease No.
PERATOR	·	5. State Off & Gas Lease No.
COO NOT USE THIS FORM FOR PAPELIC	DRY NOTICES AND REPORTS ON WELLS PROPOSALS TO DRILL OR TO DEEPEN OR PLUG SACK TO A DIFFERENT RESERVENTION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL X	OTHER-	
Name of Operator		8. Form or Lease Name
Tenneco Oil	l Company (303) 740-2584	Yeager Com A
Address of Operator		9. Well No.
Box 3249, E	Englewood, CO 80155	1
Location of Well		10. Field and Pool, or Wildcat
I	1740 FEET FROM THE South LINE AND 1080	Basin Dakota
	TION 32 TOWNSHIP 31N RANGE 11W	нмрм.
mmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5815' GR	San Juan
		Date Date
	k Appropriate Box To Indicate Nature of Notice, Re INTENTION TO:	BSEQUENT REPORT OF:
	PLUS AND ABANDON REMEDIAL WORK	ALTERING CASING
ERFORM REMEDIAL WORK		<b>F</b>
EMPORARILY ABANDON	COMMENCE DRILLING OPNE	
ULL OR ALTER CABING		
Notice of F	Production [7]	
OTHER	i Operations (Clearly state all pertinent details, and give pertinent da	
work) SEE RULE 1103.	was put on production 6/2/83. Nature of p	
8. I hereby dertify that the informations	John Orr TITLE Production Analys	luno 6 1093
		JUN 1 3 1953
7 17	MPERVISOR: DISTRICT: # "	OOM T 0 1568

CONDITIONS OF APPROVAL, IF ANY:

DISTRIBUTION	1				
ANTA FE	***	CONSERVATION COMMISSION FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and		
FILE	KEG023.	AND	Ellective 1-,1-65		
U.\$.G.\$.	AUTHORIZATION TO TRA	ANSPORT OIL AND NATURAL	GAS \		
LAND OFFICE					
TRANSPORTER GAS	<b>阿斯勒伯</b> 斯利	METER			
PRORATION OFFICE		1			
Operator OFFICE	MAY 18	1982			
Tenneco Oil Company	6 4 4 4	A Star Som			
Address	Ole Dungen in	الارسان، د	R141982		
	lewood, CO 80155 <sub>SANTA</sub>	Other (Please explain)	COM-		
Reason(s) for filing (Check proper box)	Change in Transporter of:	Other (Please explain)	DIST. 3		
New Well X	Oil Dry G		U.S.		
Change in Ownership	Casinghead Gas Conde	ensate 📗			
Change of ownership give name and address of previous owner  DESCRIPTION OF WELL AND I Lease Name  Yeager Com A	LEASE   Well No.   Pool Name, Including		ease Lease deral or Fee Fee		
Location					
<del>-</del> -	Feet From The South LI	ne and 1080 Feet Fr	om The East		
Unit Letter 1 : 17-10	Peet 1 tolk 1 to				
Line of Section 32 Tow	mship 31N Range	11W , NMPM, San	Juan Co-		
		121			
DESIGNATION OF TRANSPORT	or Condensate X	As Address (Give address to which ap	proved copy of this form is to be sent)		
Conoco	5. Sentanos 22	Box 460, Hobbs, New	Mexico 88240		
Name of Authorized Transporter of Cas	inghead Gas Or Dry Gas X	Address (Give address to which ap	Address (Give address to which approved copy of this form is to be sent)		
El Paso Natural Gas		Box 990, Farmington	n, NM 87401		
If well produces oil or liquids,	Unit Sec. Twp. P.ge.	Is gas actually connected?	When		
give location of tanks.	I 32 31N 11W	No	ASAP		
If this production is commingled with COMPLETION DATA	th that from any other lease or pool	, give commingling order number:  New Well   Workover   Deepen	Plug Back   Same Res'v. Diff.		
Designate Type of Completic		X			
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.		
2/28/82	4/5/82	6948' KB	6925' KB		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth		
5815' GR	Dakota	6760' KB	6830 KB		
Perforations	COE1 COL KD				
6760-64', 6812-28',	TURING CASING A	ND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
12-1/4"	9-5/8" 36#	308' KB	305		
8-3/4"	7" 23#	4481' KB	254		
6-1/4"	4-1/2" 10.5#	6948' KB	290		
	2-3/8"	6830'K			
TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be oble for this	e after recovery of total volume of load depth or be for full 24 hours)	doil and must be equal to or exceed to		
OII. WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, go	as lift, etc.)		
Date : not iven On that to the					
Length of Test	Tubing Pressure	Casing Pressure	Choke Size		
	I MAY 1	8 1982 8 W 2828 ble	Gas-MCF		
Actual Prod. During Test	Off-Boys.	O Wald (Bble	Gds-MCF		
	Carl Carl				
	See	TA FE	w.e.		
GAS WELL	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate		
Actual Prod. Test-MCF/D 2364	3 hrs.				
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size		
Back Pressure	1910 psi	1910 psi	3/4"		
CERTIFICATE OF COMPLIAN	ICE	OIL CONSE	RVATION COMMISSION		
		APR 1	14 1982		
I hereby certify that the rules and	regulations of the Oil Conservation	on A Thomas of the original original of the original or			
Commission have been complied above is true and complete to the		H. BY July	ave		
and a time and cambiers to p		[ SUPERVISOR DIST	TRION # 3		
		TITLE			
$\Lambda$		This form is to be filed	d in compliance with RULE 1104.		
Kenise	Wilson	II as at the firm much be acc	allowable for a newly drilled or de ompanied by a tabulation of the de		
(Sia	nature)	tests taken on the well in	accordance with RULE 111.		

Production Analyst

April 8, 1982

(Title)

(Date)

All sections of this form must be filled out completely for allo able on new and recompleted wells.

Fill out only Sections I. II. III, and VI for changes of owns well name or number, or transporter, or other such change of conditions.

Separate Forms C-104 must be filled for each pool in multip

#### INSTRUCTIONS

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

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

Southeastern New Mexico				Northwestern New Mexico							
T. Salt B. Salt T. Yate T. 7 Ri T. Quee T. Gray T. San T. Glori T. Padd T. Blind T. Tubb T. Drint T. Abo T. Wolfe T. Penn T. Cisco	vers burg Andres ieta lock ebry camp b (Bough	C)	T. T	Canyon Strawn Atoka Miss Devonian Silurian Montoya Simpson McKee Ellenburger Gr. Wash Grenite Delaware Sand Bone Springs  OIL OR 6	T. T	Kirtla Pictu Cliff Mene Point Manc Gallu se Gre Dako Morri Todil Entra Wings Chinl Penni Penn	and-Fruitlined Cliffs House fee i Lookout os enhorn ta son ito da ate ian OR ZON	86 and 91 23 39 41 46 48 58	66' 11' 800' 970' 130' 899' 890' 524' 735'	T. T	Penn. "B" Penn. "C" Penn. "D" Leadville Madison Elbert McCracken Ignacio Qtzte Granite
nolude da lo. 1, from lo. 2, from lo. 3, from	n	e of water	inflow and	to	ANT k	ATER	SANDS	feet.			to
From	To	Thickness in Feet		Formation	1	From	То	Thicknes in Fee			Formation

From	To	Thickness in Feet	Formation		From	То	Thickness in Feet	Formation
ırface	866	866	San Jose					
866'	911	45	Ojo Alamo	i				
911!	1946'		Kirtland	į.		}		
1946	23001	354	Fruitland	H		ļ	l i	
23001	2500'	200	Pictured Cliffs					
2500!	3970'	1470	Lewis					
3970'	4130'	160	Cliffhouse	H				
4130'	4630'	500	Menefee	•	•			
46301	4899'	269	Point Lookout					
4899'	5890	991	Mancos	- 1	· .			
5890'	6624 '	734	Gallup	- !!				
5624'	6680'	561	*Greenhorn	11				
5680'	6735	55	Graneros					
6735'	TD	213	Dakota	- 1		•		
ALL DE	PTHS EX	PRESSE	S IN KB **Geological	marker	bed	٠,		

NO. OF COPPES RECEIVED		Form C-103
DISTRIBUTION		Supersedes Old C-102 and C-103
ANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective -1-65
ILE		
.s.g.s.		5a, Indicate/Type of Lease
AND OFFICE		State Fee X
PERATOR		5. State Oil & Gas Lease No.
		· · · · · · · · · · · · · · · · · · ·
(DO NOT USE THIS FORM !	UNDRY NOTICES AND REPORTS ON WELLS OR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. PLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL	OTHER-	
Name of Operator		8. Form of Lease Name Yeager Com A
Tenneco Oil Comp	any	
Address of Operator P. O. Box 3249,	Englewood, CO 80155	9. Well No.
Location of Well		10. Field and Pool, or Wildcat
ī	1740 FEET FROM THE South LINE AND 1080 FEET FR	Basin Dakota
East Line		
THELINE	SECTION TOWNSHIP RANGE	
mmmm.	15, Elevation (Show whether DF, RT, GR, etc.)	12. County
	5815! ground	San Juan
	of Intention To:  Subseque	NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CABING	CHANGE PLANS CASING TEST AND CEMENT JQB	ــــا-
OTHER	OTHER	
7. Describe Proposed or Compl work) SEE RULE 1 103.	eted Operations (Clearly state all pertinent details, and give pertinent dates, includ	ing estimated date of starting any proposed
3/6/82 - TD 8-3/4 drill pipe and DC @ 4481', FC @ 443 D-79 and 150 sx C excess cmt. Open and 150 sx B + 1/ Circ 10 bbl exces 3/7/82 - Press bl	"hole @ 10:15 A.M. on 3/5/82. SHT trip, no fill, RU and run 106 jts 7" 23# K-55 csg (4498') w/f1 4', stage tool @ 2580'. Circ 30 min. Cmt lst sta 1-B neat, all preceded by 20 bbl CW-100. PD @ 14 stage tool, circ 4 hrs. Cmt 2nd stage w/295 sx E 4#/sx D-29, all preceded by 20 bbl CW-100. PD w/3 s cmt. Set slips, cutt off. NUBOP. inds and manifold 1000 ps, ok. TIH. Drill stage loat and cmt, blow hole dry, drill 5'. Blow well,  CIL CONSERVATION DIVISION SANTA FE	coat (equ) and stage tool age w/95 sx Cl-B + 2% 100 psi. Good Circ, no 3 + 2" D-79 + 1/4#/sx D-29 1000 psi @ 3 A.M. 3/6/82.
$\wedge$	rmation above is true and complete to the best of my knowledge and belief.  11 ) (1) (1) (1) Production Analyst	DATE 4/5/82
Denise Wilson	Wilson TITLE Production Analyst	DATE
APPROVED BY Sul	TITLE SUPERWISOR DISTRICT 報 3	APR 9 1982
	<i>X</i>	

The state of the s		Form C-103
NO. OF COPIES RECEIVED	$\dashv$	Supersedes Old
DISTRIBUTION	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Ellective 1-1-03
FILE		5a. Indicate Type of Lease
U.S.G.S.		State Fee X
LAND OFFICE		5. State Oil & Gas Lease No.
OPERATOR		5. State Oil & Gas Lease No.
SUN (DO NOT USE THIS FORM FOR	IDRY NOTICES AND REPORTS ON WELLS  PROPOSALS TO DRILL OR TO DEEPEN OF PLUG BACK TO A DIFFERENT RESERVOIR.  ICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS X		7. Unit Agreement Name
	OTHER-	8. Farm or Lease Name
2. Name of Operator		Yeager Com A
Tenneco Oil Compa	any	9. Well No.
3. Address of Operator		1
P. O. Box 3249, 1	Englewood, CO 80155	
4. Location of Well		10. Field and Pool, or Wildcat
I	1740 FEET FROM THE South LINE AND 1080 FEET F	Basin Dakota
UNIT LETTER	PEEL FROM The	
East	ECTION 32 TOWNSHIP 31N RANGE 11W NA	((((((((((((((((((((((((((((((((((((((
THELINE, S	ECTION TOWNSHIP RANGE	
mmmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5815' ground	San Juan
16. Che	ck Appropriate Box To Indicate Nature of Notice, Report or	Other Data
	FINTENTION TO: SUBSEQU	ENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
TEMPORARILY ABANDON	ALCHE TEST AND SEMENT 108	
PULL OR ALTER CASING	Perforate, aci	dize, fracture treat
	01727	
OTHER		_
	ed Operations (Clearly state all pertinent details, and give pertinent dates, inclu	ding estimated date of starting any proposed
work) SEE RULE 1103.		
3/20/82 - RIH w/bala	nce of tbg. Drilled to PBTD @ 6925'. Pressure	test cst to 3500 psi.
Circ hool w/19 KCT w	ater. Pulled up 1 stand. Bottom of tbg @ 6860	•
CIIC HOEL W/ 18 KCH W	0 gals 7½ DI-HCL @ 5860'. POOH w/tbg. RU wire	eline unit. Ran GR/CCL
3/23/82 - Spotted 50	PF: 6760-64', 6812-28', 6851-60' (29' - 58 hole	s) Break down perfs @
Peri'd Dakota @ 2 JS	PF: 6/60-64 , 6612-26 , 6651-66 (25 36 No.	1/1200 gals 15% weighted
1700 psi. Estab rate	: 20 BPM @ 1700 psi. ISIP: 750 psi. Acidized v	Poll off complete
HCL and 87 1.1 spec	grav ball sealers. Acid away: 20 BPM @ 1300 ps:	. Mail off complete.
Round tripped junk b	pasket to PBTD. Recovered 87 balls. Frac'd Dako	ota W/60,000 gais 70%
quality foam and 111	,500# 20/40 sand. AIR: 24 BPM, AIP: 3100 psi.	Shut in 2 hrs. Flowed
back thru 1/2" choke	. Left flowing overnight.	
3/24/82 - RIH w/tbq,	seating nipple and pump out plug. Tagged sand	fill @ 6862'. Clean out
to PBTD w/foam, Kil	led and landed tbg @ 6830'. NDBOP. NUWH. RDMO	OSU. Kicked well around
w/N2. Left flowing.		
"/112. Here 120"119.	A CONTRACTOR OF THE PARTY OF TH	and the same of th
	THE SERVICE WAS A SERVICE OF THE SER	The state of the s
	Salitar Source and Ill	
	1	***************************************
	APR 28 1982	
	111	
	CALLUN DIVISION	1900
	CIL CONSERVATION DIVISION SANTA FE	1.00.51
	nation above is true and complete to the best of my knowledge and believe	6 3 4
18. I hereby certify that the inform	dation above is ride and complete	
		DATE 3/29/82
SIGNED Don H. Marrie	m TITLE Production Analyst	DATE 3/29/82
0.000		The second secon
$\neg$ , $\neg$	SUPERVISOR DISTRICT # 3	/ n -
511	( San / TITLE	
APPROVED BY	<del>-                                    </del>	1982
CONDITIONS OF APPROVAL, I	FANY:	

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY CONDITIONS OF APPROVAL, IF	ANY:	SUPERVISOR DISTRICT # 3	MAR 25 1982
SIGNED ON WONDER	TITLE	Production Analyst	MAD
18. I hereby certify that the information of the life			2/10/02
other  17. Describe Proposed or Completed work) SEE RULE 1103.  3/1/82 - MIRURT.  ST&C. Landed @ 3  3/2/82 - Cmt w/30  3/9/82 - Reached  TOL 4386', LC @ 6  B. Reverse out 1  3/10/82 - Rig rel	Spud 2/28/82 w/4 Corner 08'. 5sx B and 2% CACL2 and 1 T.D. 3/8/82. RU and run 908'. Cmt w/140sx Econo 2 bb1 cmt.	casing test and cement JQB X  other  details, and give pertinent dates, inclu s rig #7. RU and run 7  /4# sx celoflake. Circ 61 jts 4-1/2" 10.5# K- lite + .4% retarder + .  MOIL  est of my knowledge and belief.	10 bbl cmt. NUBOP. 55 ST&C. Set @ 6948'. 6% D-19. Tail w/150sx  AR 2 5 1982 CON. COM. DIST. 3
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK COMMENCE DRILLING OPNS.	ENT REPORT OF:  ALTERING CASING  PLUG AND ABANDONMENT
The Chec	15. Elevation (Show wheth 5815' GR k Appropriate Box To Indicate		San Juan Other Data
	1740 FEET FROM THE South	N RANGE 11W NA	Basin Dakota
	nglewood, CO 80155		9. Well No. I 10. Field and Pool, or Wildcat
2. Name of Operator	OTHER-		8. Form of Lease Name Yeager Com "A"
SUNI (DO NOT USE THIS FORM FOR USE "APPLIE	DRY NOTICES AND REPORTS OF PROPOSALS TO DRILL OR TO DEEPEN OR PLU (FORM 5-101) FOR S	ON WELLS G BACK TO A DIFFERENT RESERVOIR.	7. Unit Agreement Name
LAND OFFICE OPERATOR	_		5. State Oil & Gas Lease No.
U.S.G.S.			5a. Indicate Type of Lease State Fee X
SANTA FE	NEW MEXICO OIL CO	NSERVATION COMMISSION	Effective 1-1-65
HO, OF COPIES RECEIVED	-		Form C-163 Supersedes Old C-102 and C-103

18. I hereby certify that the information of the latest that the latest	ation above is true and complete to the best	OII	DEC 7 1981  DATE 12/1/81  DEC 7 1981
18. I hereby certify that the informa		OII	L CON. COM.
Tenneco respectfull to Drill the above	JAN 1 0 1982	AL VALID	ication for Permit
PERFORM REMEDIAL WORK  TEMPORARILY ABANDON  PULL OR ALTER CASING  OTHER Request extens		REMEDIAL WORK  COMMENCE DRILLING OPNS.  CASING TEST AND CEMENT JQB  OTHER	ENT REPORT OF:  ALTERING CASING PLUG AND ABANDONMENT
Chec	5815' ground ck Appropriate Box To Indicate N		San Juan
	1740 FEET FROM THE South  South  Township 31N  15. Elevation (Show whether	RANGE 11W N	
P. O. Box 3249, Er	nglewood, CO 80155		9. Well No.  1 10. Field and Pool, or Wildcat
OIL CAS WELL X  Name of Operator  Tenneco Oil Compan	OTHER-		7. Unit Agreement Name  8. Farm or Lease Name  Yeager Com "A"
	IDRY NOTICES AND REPORTS ON PROPOSALS TO DRILL OR TO DEEPEN OR PLUG E	WELLS BACK TO A DIFFERENT RESERVOIR.	
U.S.G.S.  LAND OFFICE  OPERATOR			State Fee X  5. State Oil & Gas Lease No.
FILE	NEW MEXICO OIL CONS	SERVATION COMMISSION	Effective 1-1-65 30-045-24988
SANTA FE			Supersedes Old C-102 and C-103

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED						á	30-045	-24788
DISTRIBUTION		NEW	MEXICO OIL CONSER	RVATION COM	AMISSION	١	Form C-101	
SANTÀ FE							Revised 1-1-65	
FILE								Type of Lease
U.S.G.S.							STATE	<u> </u>
LAND OFFICE							.5. State Oil &	Gas Lease No.
OPERATOR								
	ION FOR PE	ERMIT TO	DRILL, DEEPEN, O	OR PLUG BA	ACK .			
a. Type of Work							7. Unit Agree	ement Name
DRILL	J		DEEPEN		PLUGB	ACK		
b. Type of Well	لم		DEEF EN .		PLUG B	NCK	8. Form or Le	ase Name
OIL GAS WELL	X 071	458		ZONE X	MULT	ZONE	Yeager	Com "A"
Name of Operator		141	·	TONE LEE			9. Well No.	
Tenneco Oil	Company							1
, Address of Operator							10. Field and	i Pool, or Wildcat
P.O. Box 324	9, Englew	rood, CO	80155				Basin D	
							TITITI	
UNIT LET	TER	LOC	ATED 1740 FE	ET FROM THE	5	LINE		KAHIKIIKI
AND 1080 PEET PRO	T		22	2111	1.11	T.T	MAZIK	1414411111
AND LUBU PEET PRO	M THE E	LIMIT	E OF SEC. 32 TV	yp. 31N	RGE. 11	W MMPM	12. County	///////////////////////////////////
	<i>HHHH</i>	mu			4444	,,,,,,,,	San Juan	<i>ШИШ</i>
	HIIIII	HIIII		Proposed Dep	oth 19	9A. Formatio	n	20. Rotary or C.T.
				±7000'		Dakot	a l	Rotary
1. Elevations (Show whether L	F, RT, etc.)	21A. Kind	& Status Plug. Bond 2	lB. Drilling Cor	tractor		22. Approx.	Date Work will start
Ground 5815'		Blar	nket	Four Con	rners		Jun	e, '81
23.		P	ROPOSED CASING AND	CEMENT PRO	GRAM			
SIZE OF HOLE		CASING	WEIGHT PER FOOT	SETTING I	DEPTH		F CEMENT	EST. TOP
12 ½"		" new	.36#	+300'		Circul		
8 3/4"	7" ne		23#	±3600'		Circui		
6 ½"	4½" n	ew	10.5#	±7.000		Circula liner		
	1			1		Liner	cop 1	
See attached d	rilling p	rocedure	e.			TOTAL TOTAL		•
					A	FILIA	[D]	
	and the second second second		4-14		/K	R. Bell Despe		
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The gas is ded	icated.	0 4005			1 0	APR 2	130.	
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		APPRO	VAL VALID COMMENCED,		10	IPR & IL CON. DIST	3	
(		FOR 90 T	INLESS			יכום		
(C)	L Conservation	DINHING	COMMENCED,				-	
	57.4	<b>27</b> (1)	_		144	4.		
		10	-2-81					
	EXP	RES -						
ABOVE SPACE DESCRIBE			PROPOSAL IS TO DEEPEN OF	PLUG BACK, GIV	E DATA ON	PRESENT PR	ODUCTIVE ZONE	AND PROPOSED NEW PRODUC
VE ZOKE, GIVE BLOWOUT PREVE	NTER PROGRAM,	IF ANY.						
hereby certify that the informs	ition above is t	rue and comp	plete to the best of my kn	owledge and be	lief.			
	miela.							
igned Made	worke.	<u> </u>	Title Senior Pro	odution Ar	alyst		Date March	h 23, 1981
(This space for	or State Head							
(Y use a bace le	-						Λ	PR 2 1981
5 1	(U)		PHYSEKY ISON	DISTRICT # 9				LU 2 1304
DDDOVED BY	2 VAME	/	TITLE				DATE	

ONDITIONS OF APPROVAL, IF ANYI

# OIL CONSERVATION DIVISION STATE OF NEW MEXICO

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

					Well Me
perator			Legse		Well No.
TENNECO OII		T= 1/	YEAGER COM "A"	County	
Init Letter	Section	Township	Range		
I	32	31N	11W	San Juan	
atual Footage Loc		46	1.080	Foot	lles.
1740		outh line and	1080 fee	et from the East	line Dedicated Acreage:
Found Level Elev:	Producing Fo		BASIN DAKO	TA	320 Acres
5815	DAKOT				
1. Outline th	e acreage dedica	ated to the subject w	ell by colored pencil	or hachure marks on t	ne plat below.
interest a	nd royalty).				thereof (both as to working
3. If more the	an one lease of communitization,	different ownership is unitization, force-pool	dedicated to the well ing. etc?	, have the interests o	f all owners been consoli-
Yes	☐ No If a	inswer is "yes;" type	of consolidation <i>Con</i>	MUNITIZATION	
If answer	is "no," list the	owners and tract des	criptions which have a	actually been consolic	lated. (Use reverse side of
this form i	if necessary.)				
No allowa	ble will be assign	ned to the well until a	ll interests have been	consolidated (by con	nmunitization, unitization,
forced-poo	ling, or otherwise	) or until a non-standa	rd unit, eliminating su	ich interests, has bee	n approved by the Commis-
sion.	_				
					CERTIFICATION
-					
				l hereby	certify that the information con-
		,			erein is true and complete to the
	1		ATM EN		my knowledge and belief.
			SCI. HARED /		
	I		SITTING	M.	J. Mishler
	1		2 1981	Name	
	:	= - 7 H	- APR COM-		
	17543		OIL CON. COM.	Position	
	1	A 4001	OIL CON. 3		
	1, 177, 2	9 1001		Company	
				Pete	
	JL COLE S	BC TE	1	Date	
	gir Com SA	KILY 1-			
		-	El Pasol	Catural I hereb	y certify that the well location
		32	= Maco	. 0/ 1	on this plat was plotted from field
		Tenneco	£ !		f actual surveys made by me or
	-+-		/	under m	y supervision, and that the same
	i	Conoco	108		and correct to the best of my
	i				ige and belief.
		SF 0780	797		
TENNECO &	Fee			Date Surv	eyed
	1 "	,	- 0	D	1980
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Page: 1 Document Name: untitled

CMD : 11/19/02 09:03:05 ONGARD OG5SECT INQUIRE LAND BY SECTION OGOMES -TPEY PAGE NO: 1 Sec : 32 Twp : 31N Rng : 11W Section Type : NORMAL D CВ Α 40.00 40.00 40.00 40.00 CS E00397 0002 Fee owned Fee owned Fee owned SOUTHLAND ROYALTY C 06/11/55 A E F H G 40.00 40.00 40.00 40.00 CS E00397 0002 Fee owned Fee owned Federal owned SOUTHLAND ROYALTY 06/11/55 A A A

PF03 EXIT PF04 GoTo

PF10 SDIV

PF09 PRINT

PF05

PF11

PF06

PF12

Date: 11/19/2002 Time: 09:09:45 AM

PF02

PF08 FWD

PF01 HELP

PF07 BKWD

Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

11/19/02 09:03:10

OGOMES -TPEY

PAGE NO: 2

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

L	K	J	I
40.00	40.00	40.00	40.00
Fee owned	   Fee owned	   Federal owned   C	   Fee owned   C
		A	A
M	N	0	P
40.00	40.00	40.00	40.00
Federal owned	   Fee owned	   Fee owned   C	   Fee owned   C
A			
F01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
F07 BKWD PF08 E	WD PF09 PRINT	PF10 SDIV PF11	PF12

Date: 11/19/2002 Time: 09:09:48 AM

CMD : ONGARD

11/19/02 09:03:25 INOUIRE WELL COMPLETIONS OG6IWCM OGOMES -TPEY

API Well No : 30 45 24988 Eff Date : 07-17-1994 WC Status : P

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY

Prop Idn : 669 HEATON COM LS

Well No : 009A GL Elevation: 5815

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : I 32 31N 11W FTG 1740 F S FTG 1080 F E

Lot Identifier: Dedicated Acre: Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF09 PF07 PF08 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 11/19/2002 Time: 09:10:02 AM

Page: 1 Document Name: untitled

11/19/02 09:03:38 CMD : ONGARD

OGOMES -TPEY C102-DEDICATE ACREAGE OG6ACRE

Page No : 1

API Well No : 30 45 24988 Eff Date :

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

Prop Idn : Well No :

Spacing Unit : OCD Order : Simultaneous Dedication: Sect/Twp/Rng : Acreage : Revised C102? (Y/N) :

Dedicated Land:

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

E6914: WC has been plugged & abandoned

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

Date: 11/19/2002 Time: 09:10:18 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 1

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We.	ll No	Proper	cty 1	Name			Days	Product	ion Volume	s	Well
						MM	/YY	Prod	Gas	Oil	Water	Stat
30	45	24988	YEAGER	COM	A	01	93	27	343	2	1	F
30	45	24988	YEAGER	COM	A	02	93	26	442	2	1	F
30	45	24988	YEAGER	COM	A	03	93	31	676	3	1	F
30	45	24988	YEAGER	COM	A	04	93	30	805	7	2	F
30	45	24988	YEAGER	COM	A	05	93	3.1	812	5	2	F
30	45	24988	YEAGER	COM	A	06	93	30	613	6	2	F
30	45	24988	YEAGER	COM	A	07	93	31	915	5	2	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:10:29 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 2

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	API Well No		Prope	Vame		odn. Yyy	Days Prod	Produc Gas	ction Volume: Oil	s Water	Well Stat	
30	45	24988	YEAGER	COM	A	08	93	31	479	4	1	F
30	45	24988	YEAGER	COM	A	09	93	30	546	-5	2	F
30	45	24988	YEAGER	COM	A	10	93	31	719		3	F
3.0	45	24988	YEAGER	COM	A	11	93	30	553	15	5	F
30	45	24988	YEAGER	COM	A	12	93	28	426	8	3	F
30	45	24988	YEAGER	COM	A	01	94	31	323		3	F
30	45	24988	YEAGER	COM	A	02	94	28	378	7	2	F

Reporting Period Total (Gas, Oil) :

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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: 09:10:31 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 3

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	PI Well No I		Prope	Property Name					Days Prod	Produ Gas	uction	Volu Oil	Water	Well Stat
30	45	24988	YEAGER	COM	A	0	3	94	27	615		1.		F
30	4.5	24988	YEAGER	COM	A	0	4	94	26	157		2	1	F
30	45	24988	YEAGER	COM	A	0	5	94	12	153		3	1	F
30	45	24988	YEAGER	COM	A	0	6	94						S
30	45	24988	YEAGER	COM	A	0	7	94		57				S
30	45	24988	HEATON	COM	LS	0	1	95						S
30	45	24988	HEATON	COM	LS	0	2	95						S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:10:32 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 4

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API We	ell No	Property Name					Days Prod	Pro Ga	oduction s	. Volumes Oil	s Water	Well Stat
30 45	24988	HEATON	COM	LS	03	95						S
30 45	24988	HEATON	COM	LS	04	95						S
30 45	24988	HEATON	COM	LS	05	95						S
30 45	24988	HEATON	COM	LS	06	95						S
30 45	24988	HEATON	COM	LS	07	95						S
30 45	24988	HEATON	COM	LS	08	95						S
30 45	24988	HEATON	COM	LS	09	95						S

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

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:10:33 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 09:03:58

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 5

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API Well No Property Name Prodn. Days Production Volumes Well

MM/YY Prod Gas Oil Water Stat

30 45 24988 HEATON COM LS 10 95

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

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:10:35 AM

Page: 1 Document Name: untitled

CMD :

OG6IWCM INQUIRE WELL COMPLETIONS

11/19/02 09:04:07 OGOMES -TPEY

ONGARD

Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)

OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY

Prop Idn : 669 HEATON COM LS

Well No : 009A GL Elevation: 5815

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : I 32 31N 11W FTG 1740 F S FTG 1080 F E P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 11/19/2002 Time: 09:10:45 AM

Page: 1 Document Name: untitled

CMD: ONGARD 11/19/02 09:04:11 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY

Page No: 1

API Well No : 30 45 24988 Eff Date : 04-02-1981

Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)

Prop Idn : 669 HEATON COM LS Well No : 009A

Spacing Unit : 45884 OCD Order : Simultaneous Dedication: Sect/Twp/Rng : 32 31N 11W Acreage : 320.00 Revised C102? (Y/N) :

Dedicated Land:

S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn I 32 31N 11W 40.00 N FEJ 32 31N 11W 40.00 N FDK 32 31N 11W 40.00 N FEL 32 31N 11W 40.00 N FEM 32 31N 11W 40.00 N FD N 32 31N 11W 40.00 N FEO 32 31N 11W 40.00 N FEP 32 31N 11W 40.00 N FE

E0005: Enter data to modify or PF keys to scroll

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

Date: 11/19/2002 Time: 09:10:49 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

								. <b></b>		 	
API	Well No Property Name			Prodn. MM/YY		-	Production Gas	 Water	Well Stat		
30	45	24988	HEATON	COM	LS	09	94				A
30	45	24988	HEATON	COM	LS	10	94				A
30	45	24988	HEATON	COM	LS	11	94				A
30	45	24988	HEATON	COM	LS	12	94				A
3.0	45	24988	HEATON	COM	LS	03	95	25			S
30	45	24988	HEATON	COM	LS	04	95				S
											~
30	45	24988	HEATON	COM	LS	05	95				S

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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

Date: 11/19/2002 Time: 09:11:01 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Proper	cty 1	Name			Days Prod	Produc Gas	tion Volume Oil	s Water	Well Stat
30	45	24988	HEATON	COM	LS	06	95					S
30	45	24988	HEATON	COM	LS	07	95					S
30	45	24988	HEATON	COM	LS	08	95					S
30	45	24988	HEATON	COM	LS	09	95					S
30	45	24988	HEATON	COM	LS	10	95					S
30	45	24988	HEATON	COM	LS	11	95					S
30	45	24988	HEATON	COM	LS	12	95					S

Reporting Period Total (Gas, Oil) :

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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: 09:11:02 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

API Well No		ll No	Property Name		Name	Pro	odn.	Days	Pro	duction	n Volumes	5	Well
						MM,	YYY	Prod	Gas	3	Oil	Water	Stat
30	45	24988	HEATON	COM	LS	01	96						S
30	45	24988	HEATON	COM	LS	0.2	96						S
30	45	24988	HEATON	COM	LS	0.3	96						S
30	45	24988	HEATON	COM	LS	04	96						S
30	45	24988	HEATON	COM	LS	0.5	96						S
30	45	24988	HEATON	COM	LS	06	96						S
30	45	24988	HEATON	COM	LS	07	96						S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:11:04 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

API	Wel	ll No	Proper	cty N	Vame			Days	Produ	ction	Volur	nes	Well
						MM,	/YY	Prod	Gas		Oil	Water	Stat
30	45	24988	HEATON	COM	LS	08	96						S
30	45	24988	HEATON	COM	LS	09	96						S
30	45	24988	HEATON	COM	LS	10	96						S
30	45	24988	HEATON	COM	LS	11	96						S
30	45	24988	HEATON	COM	LS	12	96						S
30	45	24988	HEATON	COM	LS	01	97	31	4193				S

Reporting Period Total (Gas, Oil) :

30 45 24988 HEATON COM LS 02 97 28 1930

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: 09:11:05 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

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

Reporting Period Total (Gas, Oil) :

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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: 09:11:06 AM

OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 6

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	Wel	ll No	Prope	cty 1	Name			Days Prod		Produc Gas	ction	n Volu	ter	Well Stat
30	45	24988	HEATON	COM	LS	10	97	31	2	 572			 	F
30			HEATON			11	97	30	2	379		5		F
30	45	24988	HEATON	COM	LS	12	97							S
30	45	24988	HEATON	COM	LS	01	98							S
3:0	45	24988	HEATON	COM	LS	02	98			•*				S
30	45	24988	HEATON	COM	LS	03	98							S
30	45	24988	HEATON	COM	LS	04	98							S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:11:07 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Proper	cty 1	Name			Days Prod	Product: Gas	ion Volum Oil	mes Water	Well Stat
30	45	24988	HEATON	COM	LS	05	98					s
3.0	45	24988	HEATON	COM	LS	06	98					S
30	45	24988	HEATON	COM	LS	07	98					S
30	45	24988	HEATON	COM	LS	8.0	98					S
30	45	24988	HEATON	COM	LS	09	98					S
30	45	24988	HEATON	COM	LS	10	98					S
30	45	24988	HEATON	COM	LS	11	98					S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:11:08 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Day	Well Water Stat
30 45 2498	8 HEATON COM LS	12 98	 S
	8 HEATON COM LS	01 99	S
	8 HEATON COM LS	02 99	S
	8 HEATON COM LS	03 99	S
30 45 2498	8 HEATON COM LS	04 99	S
30 45 2498	8 HEATON COM LS	05 99	S
30 45 2498	8 HEATON COM LS	06 99	S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:11:09 AM

Page: 1 Document Name: untitled

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 24988 Report Period - From : 01 1993 To : 10 2002

										<b></b> -		
API	Wel	l No	Proper	cty N	Jame			Days Prod	Produ Gas	oction Volumes	3 Water	Well Stat
30	4.5	24988	HEATON	COM	LS	07	99					S
30	45	24988	HEATON	COM	LS	08	99					S
3.0	45	24988	HEATON	COM	LS	0.9	99					S
3.0	4.5	24988	HEATON	COM	LS	10	99					S
30	45	24988	HEATON	COM	LS	11	99					S
30	45	24988	HEATON	COM	LS	12	99					S
30	45	24988	HEATON	COM	LS	01	00					S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:11:11 AM

Page: 1 Document Name: untitled

CMD: ONGARD 11/19/02 09:04:35

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 24988 Report Period - From : 01 1993 To : 10 2002

API	Wel	ll No	Proper	cty 1	Name	Pro	odn.	Days	Produc	tion Volum	nes	Well
						MM	YYY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON	COM	LS	02	00					S
30	45	24988	HEATON	COM	LS	03	0.0					S
30	45	24988	HEATON	COM	LS	08	00					S
30	45	24988	HEATON	COM	LS	09	00					S

Reporting Period Total (Gas, Oil): 27201 12

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:11:12 AM

CMD :

ONGARD

11/19/02 09:05:11

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TPEY

Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY

Prop Idn : 669 HEATON COM LS

Well No : 009A GL Elevation: 5815

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : I 32 31N 11W FTG 1740 F S FTG 1080 F E

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 11/19/2002 Time: 09:11:48 AM

Page: 1 Document Name: untitled

11/19/02 09:05:14 CMD : ONGARD OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEY Page No: 1 API Well No : 30 45 24988 Eff Date : 04-30-1991 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS) Prop Idn : 669 HEATON COM LS Well No: 009A Spacing Unit : 33165 OCD Order : Simultaneous Dedication: Sect/Twp/Rng : 32 31N 11W Acreage : 320.00 Revised C102? (Y/N) : Dedicated Land: S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn A 32 31N 11W 40.00 N STB 32 31N 11W 40.00 N FEG 32 31N 11W 40.00 N FD H 32 31N 11W 40.00 N I 32 31N 11W 40.00 N FE J 32 31N 11W 40.00 N FDO 32 31N 11W 40.00 N FEP 32 31N 11W 40.00 N ਸੁਸ E0005: Enter data to modify or PF keys to scroll PF01 HELP PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM PF02

PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

Date: 11/19/2002 Time: 09:11:52 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 1

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	PI Well No Property Name				Name	Pro	odn.	Days	Produ	action Volume	S	Well
						MM,	YYY	Prod	Gas	Oil	Water	Stat
30	45	24988	HEATON	COM	LS	80	94	21				F
30	45	24988	HEATON	COM	LS	09	94	25		102		F
30	45	24988	HEATON	COM	LS	10	94	31	8757	56		F
30	45	24988	HEATON	COM	LS	11	94	30	6334	40		F
30	45	24988	HEATON	COM	LS	12	94	31	5552	4		F
30	45	24988	HEATON	COM	LS	01	95	31	4195	31		F
30	45	24988	HEATON	COM	LS	02	95	28	4853	23		F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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

Date: 11/19/2002 Time: 09:12:02 AM

Page: 1 Document Name: untitled

CMD: ONGARD 11/19/02 09:05:27

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 2

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Proper	cty 1	Name			Days	Pr	oduction	Volumes	5	Well
						MM/	/YY	Prod	Ga	S	Oil	Water	Stat
30	45	24988	HEATON	COM	LS	03	95	26	267	7	14		F
30	45	24988	HEATON	COM	LS	04	95	30	102	9	5		F
3.0	4.5	24988	HEATON	COM	LS	05	95	31	510	8	22		F
3.0	45	24988	HEATON	COM	LS	06	95	30	251	5	10		F
30	45	24988	HEATON	COM	LS	07	95	31	406	1	12		F
30	45	24988	HEATON	COM	LS	08	95	31	299	5	10		F
30	45	24988	HEATON	COM	LS	09	95	30	440	9	18		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:03 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 09:05:28

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 3

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier: 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Prope	cty N	Vame	Pro	odn.	Days		Production	on Volum	 es	Well
			-	-			/YY	Prod		Gas	Oil	Water	Stat
30	45	24988	HEATON	COM	LS	10	95	25	3	665	26		F
30	45	24988	HEATON	COM	LS	11	95	30	2	787			F
3.0	45	24988	HEATON	COM	LS	12	95	31		821			F
3.0	4.5	24988	HEATON	COM	LS	01	96	31					F
3.0	45	24988	HEATON	COM	LS	02	96	29			3.3		F
30	45	24988	HEATON	COM	LS	03	96	31	3	053			$\mathbf{F}$
3.0	45	24988	HEATON	COM	LS	04	9.6	30	6	723	1.9		$\mathbf{F}$

Reporting Period Total (Gas, Oil) :

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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: 09:12:05 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 4

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier: 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Proper	cty 1	Name			Days Prod	Productio Gas	n Volume: Oil	s Water	Well Stat
30	45	24988	HEATON	COM	LS	05	96	31	4519			F
30			HEATON				96		3856			F
3.0	45	24988	HEATON	COM	LS	07	96	31	3581			$\mathbf{F}$
3.0	45	24988	HEATON	COM	LS	80	96	31	3249			F
30	45	24988	HEATON	COM	LS	09	96	25	2873			F
30	45	24988	HEATON	COM	LS	10	96	31	3013			F
30	45	24988	HEATON	COM	LS	11	96	30	2609			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:07 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 5

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We	ll No	Prope	cty 1	Name			Days Prod	Produc Gas	ction Volume Oil	s Water	Well Stat
30	45	24988	HEATON	COM	LS	12	96	31	2694			F
30	45	24988	HEATON	COM	LS	12	97	31	2668			F
30	45	24988	HEATON	COM	LS	0.1	98	31	4792			F
30	45	24988	HEATON	COM	LS	02	98	28	2705	3		F
30	45	24988	HEATON	COM	LS	03	98	31	2057			F
3.0	45	24988	HEATON	COM	LS	04	98	30	1943			F
30	45	24988	HEATON	COM	LS	05	98	31	2383			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:08 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 6

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We	ll No	Prope	rty 1	Name		odn. /YY	Days Prod	Product Gas	ion Volur Oil	nes Water	Well Stat
3.0	45	24988	HEATON	COM	LS	06	98	30	1951			F
30	45	24988	HEATON	COM	LS	07	98	29	2354			F
3.0	45	24988	HEATON	COM	LS	08	98	25	2509			F
30	45	24988	HEATON	COM	LS	09	98	30	2859			F
3.0	45	24988	HEATON	COM	LS	10	98	31	2977			F
30	45	24988	HEATON	COM	LS	11	98	30	2501			F
30	45	24988	HEATON	COM	LS	12	98	31	2600			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:09 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 7

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API W	ell No	Proper	cty N	Name	Pro	odn.	Days	Pi	roduction	Volumes	5	Well
					MM,	YYY	Prod	Ga	as	Oil	Water	Stat
30 4	5 24988	HEATON	COM	LS	01	99	31	27:	10	25		F
30 4	5 24988	HEATON	COM	LS	02	99	28	240	01.	2		F
30 4	5 24988	HEATON	COM	LS	03	99	31	260	04	2		F
30 4	5 24988	HEATON	COM	LS	04	99	30	255	50	11		F
30 4	5 24988	HEATON	COM	LS	05	99	31	260	06	5		F
30 4	5 24988	HEATON	COM	LS	06	99	30	242	20	4		F
30 4	5 24988	HEATON	COM	LS	07	99	11	219	97	10		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

Date: 11/19/2002 Time: 09:12:10 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 8

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier: 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	API Well No		Prope	rty N	Name	Pro	odn.	Days	Product	tion Volume:	 s	Well
						MM,	/YY	Prod	Gas	Oil	Water	Stat
3 0	45	24988	HEATON	COM	LS	08	99	31	2758	5		F
30	45	24988	HEATON	COM	LS	0.9	99	30	2399	8		F
30	45	24988	HEATON	COM	LS	10	99	31	2421			F
30	45	24988	HEATON	COM	LS	11	99	27	2339			F
30	45	24988	HEATON	COM	LS	12	99	31	2317			F
30	45	24988	HEATON	COM	LS	01	00	31	2125	5		F
30	45	24988	HEATON	COM	LS	02	00	29	2033	9		F

Reporting Period Total (Gas, Oil) :

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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: 09:12:11 AM

Page: 1 Document Name: untitled

CMD: 0NGARD 11/19/02 09:05:36

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 9

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	Wel	ll No	Prope	rty 1	Name	 Pro	odn.	Days		Prod	uction Volume	s	Well
						MM,	YY	Prod		Gas	Oil	Water	Stat
3.0	45	24988	HEATON	COM	LS	 03	00	31	2	200	8		F
3.0	45	24988	HEATON	COM	LS	04	00	30	2	160	8		F
30	45	24988	HEATON	COM	LS	05	00	31	2	285	1		F
30	45	24988	HEATON	COM	LS	06	0.0	30	2	201	8		F
30	45	24988	HEATON	COM	LS	07	00	31	2	283	3		F
30	45	24988	HEATON	COM	LS	80	00	31	2	277			F
30	45	24988	HEATON	COM	LS	0.9	00	30	2	181	10		F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:13 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY

Page No: 10

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

AP	I Wei	ll No	Prope	cty 1	Name		odn. /YY	Days Prod	Product Gas	ion Volum Oil	es Water	Well Stat
30	45	24988	HEATON	COM	LS	10	00	31	2154	4		F
30	45	24988	HEATON	COM	LS	11	00	3.0	2031	5		F
30	4.5	24988	HEATON	COM	LS	12	00	31	2016	5		F
30	45	24988	HEATON	COM	LS	01	01	31	2012	5		F
30	45	24988	HEATON	COM	LS	02	01	28	1029	5		F
30	45	24988	HEATON	COM	LS	03	01	31	1859			F
30	4.5	24988	HEATON	COM	LS	04	01	3.0	1743			F

Reporting Period Total (Gas, Oil) :

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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: 09:12:14 AM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 11

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY
Pool Identifiér: 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

API	We]	ll No	Proper	cty I	Name			Days Prod	Produc Gas	tion Volume Oil	s Water	Well Stat
30	45	24988	HEATON	COM	LS	05	01	31	2203			F
30			HEATON			06		30	2090			F
30	45	24988	HEATON	COM	LS	07	01	31	2546	2		F
30	45	24988	HEATON	COM	LS	0.8	01	27	2341			$\mathbf{F}^{\cdot}$
30	45	24988	HEATON	COM	LS	0.9	01	30	2529	13		F
30	45	24988	HEATON	COM	LS	10	01	31	2403	2		F
30	45	24988	<b>HEATON</b>	COM	LS	11	01	30	2231	5		F

Reporting Period Total (Gas, Oil) :

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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: 09:12:15 AM

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEY
Page No: 12

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

						:							
API	Wel	l No	Prope	cty 1	Name		odn. /yy	Days Prod	Pi Ga	coduction as	n Volumes Oil	Water	Well Stat
30	45	24988	HEATON	COM	LS	12	01	31	225	58	5		F
30	45	24988	HEATON	COM	LS	01	02	31	216	55	3		F
30	4.5	24988	HEATON	COM	LS	02	02	28	198	3.8			F
30	45	24988	HEATON	COM	LS	03	02	31	207	72	4		F
30	45	24988	HEATON	COM	LS	04	0.2	30	201	19			F
30	4.5	24988	HEATON	COM	LS	05	02	31	212	23	3		F
30	45	24988	HEATON	COM	LS	06	02	30	207	76	1		F

Reporting Period Total (Gas, Oil) :

\_\_\_\_\_

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:17 AM

Page: 1 Document Name: untitled

CMD: ONGARD 11/19/02 09:05:41

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES - TPEY

Page No: 13

OGRID Identifier: 778 BP AMERICA PRODUCTION COMPANY

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24988 Report Period - From : 01 1993 To : 10 2002

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

30 45 24988 HEATON COM LS 07 02 31 2140 F
30 45 24988 HEATON COM LS 08 02 31 2073 F

Reporting Period Total (Gas, Oil): 227795 614

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/19/2002 Time: 09:12:18 AM

the comments address issues of feasibility and cost-effectiveness. These and any future comments on the nen-Federal residential standards will be given serious consideration for potential applicability, to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington, DC.August 5, 1993. Robert L. San Martin,

Acting Assistant Secretary; Energy Efficiency and Renewable Energy:

[FR Doc. 93-19409 Filed 8-11-93; 8:45 am] BILLING CODE 6540-01-P

### Federal Energy Regulatory Commission

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

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

August 6, 1993.

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

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

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

accordance with 18 CFR 275.203 and

on non-Federal residential buildings are 275.204, within 20 days after the date 7.2 lso relevant to a building energy hards by the Commission of andard for Federal residences because Linwood A. Walson, Jr. Acting Secretary of the second and the second

Appendix

ने से स्वारंत होते । स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक स्वारंतिक TOWNSHIP 27 NORTH, RANGE 7 WEST Sections 1-12-All

Section 15. W/2
Sections 16—21. All
Section 22. W/Z

Section 27: NW/4 Section 28) N/2

Sections 29-30: All

TOWNSHIP 27 NORTH: RANGE 8.WEST

Sections 1-38: All

TOWNSHIP 28 NORTH, RANGE:7 WEST TOWNSHIP 28 NORTH, RANGE 8 WEST. TOWNSHIP 28 NORTH, RANGE 9 WEST TOWNSHIP 28 NORTH, RANGE 10 WEST

Sections 7-36: All (Irregular Township). TOWNSHIP 29 NORTH, RANGE 7 WEST TOWNSHIP'29 NORTH\_RANGE 8 WEST TOWNSHIP 29-NORTH: RANGE 9-WEST TOWNSHIP 29 NORTH, RANGE 10 WEST TOWNSHIP 29 NORTH, RANGE 11 WEST TOWNSHIP 30: NORTH, RANGE 2 WEST TOWNSHIP 30 NORTH, RANGE & WEST TOWNSHIP 30 NORTH RANGE 9 WEST TOWNSHIP 30 NORTH, RANGE 10 WEST

TOWNSHIP 30 NORTH, RANGE 11 WEST Sections 1-36: All'

TOWNSHIP 31 NORTH, RANGE 6 WEST Sections 5-7: All

Sections 18-19: All Section 30: All

TOWNSHIP 31 NORTH, RANGE 7 WEST TOWNSHIP 31 NORTH, RANGE 8 WEST TOWNSHIP 31 NORTH, RANGE 9 WEST TOWNSHIP 31 NORTH, RANGE 10 WEST TOWNSHIP 31 NORTH, RANGE 11 WEST Sections 1-36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST TOWNSHIP 32 NORTH, RANGE 11 WEST Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93;;8:45 am] BILLING CODE 6717-01-M

> 480,076 acres. MU GLOUP

NM-1813-92

ergy, DOE.

ssil Energy of ives notice granting (NGC) port and Lto Canada ural gas intry...The. o importa ) Bcf of gas o 130 Bcf of ginning on of either :ober 31,

c inspection. f Fuels -056... lependence DC 20585 froom is.



# United States Department of the Interior

# **BUREAU OF LAND MANAGEMENT**

New Mexico State Office 1474 Rodeo Rd. P.O. Box 27115

in replyrefer to: 3160 (921)

Santa Fe, New Mexico 87502-0115

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

CERTIFIED MAIL NO. P 071 878 823

July 26, 1993

RETURN RECEIPT REQUESTED

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

Dear Ms. Rand:

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

# Township 27 North, Range 7 West, NMPM

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

# Township 27 North, Range 8 West, NMPM

Sections 1 through 36: All

# Township 28 North, Range 7 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 28 North, Range 8 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 28 North, Range 9 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 28 North, Range 10 West, NMPM

Sections 7 through 36: All (Irregular Township)

# Township 29 North, Range 7 West, NMPM

Sections 1 through 36: All

# Township 29 North, Range 8 West, NMPM

Sections 1 through 36: All

- Township 29 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 6 West, NMPM
  Sections 6 and 7: All
  Sections 18, 19 and 30: All
- Township 31 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 11 West, NMPM Sections 1 through 36: All

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

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

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

The estimated average  $\underline{\text{in-situ}}$  gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

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

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

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

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

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

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

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

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

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

Sincerely yours,

for Deputy State Director
Lands and Minerals

Enclosures

cc:

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

# 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 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 19, 2001 for occluded coal seam gas, approved by the Division on November 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



ROD	E NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL DUCING:
	A1 occluded natural gas from coal seams. A2 natural gas from Devonian shale. A3 natural gas from a designated tight formation.
. FO	R ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:
1.	Well Name and No.*
2.	Completed in (Name of Reservoir) *
3.	Field *
4.	County *
5.	State *
6.	API Well No. (14 digits maximum. If not assigned, leave blank.)
9.	Measured Depth of the Completed Interval (in feet) TOP BASE
. <b>A</b> l	
. Al	TOP BASE  PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS
. Al	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:
1. 2.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *
1. 2.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *
1. 2. 3.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *
1. 2. 3. 4.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*  5. Zip Code
1. 2. 3. 4. 6.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*  5. Zip Code  Name of Person Responsible *
1. 2. 3. 4. 6. 7.	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:  Applicant's Name *  Street *  City *  State*  5. Zip Code  Name of Person Responsible *  Title of Such Person *

(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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
BETTY RIVERA
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 20, 2002

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

RE: Amoco Production Company

Heaton Gas Com LS No. 9A – Coal Seam Formation Gas Heaton Gas Com LS No. 9A – Tight Formation Gas

Ms. Rand:

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

Sincerely,

Kathy Valdes

**Enclosures** 

### State of New Mexico



Date September 5, 2001

ENERGY AND MINERALS DEPARTMENT



**EXAMINER** 

OIL CONSERVATION DIVISION 2040 Bookson St. 1220 South St. Francis Dr. FOR DIVISION Santa Fe. NM 87505 USE ONLY: STATE APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION FEE 5. State Oil & Gas Lease No APPROPIATE FILING FEE(S) ENCLOSED? YES NO . - FILING FEE(S) -DATE COMPLETE APPLICATION FILED Sept. 19. 2001 Effective October 1, 1986, a non-refundable filing fee of \$25.00 per category for each 7. Unit Agreement Name WAS APPLICATION CONTESTED? YES \_\_\_\_ NO application is mandatory. (Rule 2, Order No. R-5878-8-3 8. Farm or Lease Name NAME(S) OF INTERVENORS(S), IF ANY: Heaton Gas Com L5 9. Well No. 2. Name of Operator 9A Amoco Production Company 10. Field and Pool, or Wildcat 3 Address of Operator Blanco Mesaverde P.O. Box 3092 Houston TX 77253 4. Location of Well 12. County UNIT LETTER \_\_\_\_I LOCATED 1740 SOUTH LINE FEET FROM THE 1080 FEET FROM THE EAST LINE OF SEC. 32 TWS. 31N San Juan 11. Name and Address of Purchaser(s) El Paso Field Services Check appropriate box for category sought and information submitted. Enter required information on lines 1 and 2, below. 1. Category(ies) sought (By NGPA Section No.) 2. Filing Fee(s) Amount Enclosed \$\_ 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 PT No. 30-045-24988
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 ander Subpart 8/01/Part 274 of the FERC SIGNATURE OF APPLICANT regulation Title Senior Regulatory Analyst

# Stogner, Michael

TF-02-006

From: Marc Poole [Marc.Poole@ferc.gov]

Sent: Tuesday, December 10, 2002 7:38 AM

To: mstogner@state.nm.us

Subject: Five NGPA determinations without Form 121s...

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

Well	Reservoir Category
(1) Gallegos Canyon Ur	nit #323 Fruitland Coal A1 coal seam gas
(2) Heaton Gas Com LS	6 #9A Fruitland Coal A1 coal seam gas
(3) Heaton Gas Com LS	8 #9A Mesaverde A3 tight formation gas
(4) Bunce Com #1	Mesaverde A3 tight formation gas
(5) Gallegos Canyon Ur	nit #506 Pictured Cliffs A3 tight formation gas

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

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

Well	Reservoir	Category		
Gallegos Canyon Un	it #506 Pict	ured Cliffs A3	tight formation	gas2 copies
Gallegos Canyon Lin	it #323	tland Coal A1	coal seam gas	s2 copies

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

Marc F. Poole

# Stogner, Michael

From:

Stogner, Michael

Sent:

Tuesday, December 10, 2002 9:01 AM

To:

Mary Corley (E-mail)

Subject: FW: Five NGPA determinations without Form 121s...

Ms. Corley,

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

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

----Original Message-----

**From:** Marc Poole [mailto:Marc.Poole@ferc.gov] **Sent:** Tuesday, December 10, 2002 7:38 AM

To: mstogner@state.nm.us

Subject: Five NGPA determinations without Form 121s...

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

Well	Reservoir Category
(1) Gallegos Canyon Unit	#323 Fruitland Coal A1 coal seam gas
(2) Heaton Gas Com LS	#9A Fruitland Coal A1 coal seam gas
(3) Heaton Gas Com LS	#9A Mesaverde A3 tight formation gas
(4) Bunce Com #1	Mesaverde A3 tight formation gas

(5) Gallegos Canyon Unit #506 Pictured Cliffs A3 tight formation gas

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

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

Well

Reservoir

Category

Gallegos Canyon Unit #506

Pictured Cliffs A3 tight formation gas ... 2 copies

Gallegos Canyon Unit #323

Fruitland Coal A1 coal seam gas ...2 copies

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

Marc F. Poole

# Stogner, Michael

From: Marc Poole [Marc.Poole@ferc.gov]

Sent: Friday, December 13, 2002 8:03 AM

To: mstogner@state.nm.us

Cc: corleyml@bp.com

Subject: Determinations without Form 121s...

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

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

3 wells without Form 121s...

Page 1 of 1

# Stogner, Michael

From: Marc Poole [Marc.Poole@ferc.gov]

Sent: Tuesday, December 17, 2002 11:00 AM

To: mstogner@state.nm.us

Subject: 3 wells without Form 121s...

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



	UCING:
	A1 occluded natural gas from coal seams. A2 natural gas from Devonian shale. A3 _X natural gas from a designated tight formation.
B. FO	R ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:
1.	Well Name and No.* Heaton Gas Com LS #9A
2.	Completed in (Name of Reservoir) * Mesaverde
_ 3.	Field * Blanco Mesaverde
4.	County * San Juan
5.	State * New Mexico
6.	API Well No. (14 digits maximum. If not assigned, leave blank.) 30-045-24988
9.	Measured Depth of the Completed Interval (in feet) TOP 4565' BASE 5669'
	PPLICANT'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 Res onsible * Mary Corley p
7.	Title of Such Person * Senior Regulatory Analyst
8.	Signature Manyfolds and Phone No. (281) 366 - 4491
*	SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

TF-02-006

# Stogner, Michael

From:

Corley, Mary L [corleyml@bp.com]

Sent:

Tuesday, December 10, 2002 9:30 AM

To:

'Stogner, Michael'

Subject: RE: Five NGPA determinations without Form 121s...

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

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

Thank you for your consideration in this matter.

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

----Original Message----

**From:** Stogner, Michael [mailto:MSTOGNER@state.nm.us]

Sent: Tuesday, December 10, 2002 10:01 AM

**To:** Corley, Mary L

Subject: FW: Five NGPA determinations without Form 121s...

Ms. Corley,

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

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

----Original Message----

From: Marc Poole [mailto:Marc.Poole@ferc.gov] Sent: Tuesday, December 10, 2002 7:38 AM

To: mstogner@state.nm.us

Subject: Five NGPA determinations without Form 121s...

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

Well

Reservoir

Category

(1) Gallegos Canyon Unit #323 Fruitland Coal A1 coal seam gas

(2) Heaton Gas Com LS #9A Fruitland Coal A1 coal seam gas

(3) Heaton Gas Com LS #9A Mesaverde A3 tight formation gas

(4) Bunce Com #1 Mesaverde A3 tight formation gas

(5) Gallegos Canyon Unit #506 Pictured Cliffs A3 tight formation gas

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

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

Well	Reservoir	Category	
Gallegos Canyon Uni	t #506 Pic	tured Cliffs A3	tight formation gas2 copies
Gallegos Canyon Uni	t #323 Fru	itland Coal A1	l 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