

# 30-045-24988 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,

J Valdes

Kathy Valdes

Enclosures

1 <sup>6</sup>	<i>CS-02</i>	2-002
ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION		Form C-132 Revised 10/1/86
OR DIVISION         Santa Fe, NM 87505           JSE ONLY:         APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DET	South St. Francis . TERMINATION	SA. Indicate Type of Lease
		<ol> <li>State Oil &amp; Gas Lease No.</li> <li>Unit Agreement Name</li> <li>Farm or Lease Name</li> <li>Heaton Gas Com LS</li> </ol>
Name of Operator		9. Well No. <b>9A</b>
Address of Operator O Box 3092 Houston TX 77253		10. Field and Pool, or Wildcat Basin Fruitland Coal
Location of Well UNIT LETTER LOCATED FEET FROM THE	SOUTH LINE	12. County San Juan

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 10)
- 2. Filing Fee(s) Amount Enclosed: \$ 25.00
- 3. All applications must contain:
  - a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
  - b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
  - c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
  - d. AFFIDAVITS OF MAILING OR DELIVERY

4. In addition to the above, all applications must contain the items required by the applicable rule

of the Division's "Special Reules of Applications for Wellhead Price Ceiling Category

Determinations" as follows:

A. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile or 1000 Feet Deeper Test)

All items required by Rule 14 (1) and/or Rule 14 (2)

B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)

All items required by Rule 15

C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103

All items required by Rule 16a OR Rule 16B

D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103

A 1 -

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

1151 No. 30-045-24988
FOR DIVISION USE ONLY
Approved
Disapproved
The information contained herein includes all of the information required
to be filed by the applicant under Subpart 8/07/Part 274 of the FERC
regulation Mit Hand
Martin
EXAMINER



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

Phone: 281-366-4491

August 29, 2001

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DD

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 and

Mary Corley Sr. Regulatory Analyst

Enclosures

Cc: Working Interest Owners

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

## AFFIDAVIT COAL SEAM FORMATION GAS

## STATE OF TEXAS COUNTY OF HARRIS

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

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

That production from the Heaton Com LS well, 9A API No. 30-045-24988 is natural gas produced from a FERC designated coal seam formation through:

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

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

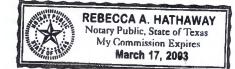
Mary Corley

Senior Regulatory Analyst

Subscribed in my presence and duly sworn to before me, this 29 day of August, 2001. <u>Refuce A. Hathoway</u>

Notary Public

My Commission Expires:



**BLM** Affidavit

## CHROMATOGRAPHIC GAS ANALYSIS REPORT HEATON COM LS 9A API 30-45-24988 METER ID 97604

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1	· · · · · · · · · · · · · · · · · · ·		MOLE	CO MOLE	HE MOLE	H2 MOLE	MOLE	C1 MOLE	C2 MOLE	C3 MOLE
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	BTU	BTU	T	. Tok	Т	Ť	T	T	Т	Ť
1	1000	0	0.000	0	0	0	0	100.000	0.000	0.000
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3	1197	0	0.640	0	0	0	0	83.690	9.230	3.790
4	1207.6	0	0.625	0	0	0	0	83.361	9.273	3.834
5	1207.6	0	0.625	0	0	0	0	83.361	9.273	3.834
6	1211.2	0	0.657	0	0	0	0	83.050	9.358	3.947
7	1204	0	0.648	0	0	0	Ő	83.529	9.084	3.764
8	1216	1195	0.661	0	0	0	0	82.989	9.249	3.910
9	1217	1196	0.655	0	0	0	0	82.835	9.401	3.963
10	1220	1199	0.661	0	0	0	0	82.848	9.292	3.934
11	1219	1198	0.666	0	0	0	0	82.816	9.356	3.960
12	1224	1202	0.656	0	0	0	0	82.798	9.287	3.918
13	1212	1191	0.663	0	0	0	Ō	83.041	9.275	3.989

		NC4		NC5					C10	C11
	IC4 MOLE	MOLE	IC5 MOLE	MOLE	C6 MOLE	C7 MOLE	C8 MOLE	C9 MOLE	MOLE	MOLE
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2	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	
3	0.580	1.010	0.310	0.230	0.260	0.000	0	0	0	
4	0.586	1.021	0.343	0.274	0.451	0.000	0	0	0	
5	0.586	1.021	0.343	0.274	0.415	0.000	0	0	0	
6	0.625	1.094	0.359	0.274	0.378	0.000	0	0	0	
7	0.599	1.079	0.362	0.281	0.371	0.000	0	0	0	
8	0.626	1.186	0.361	0.257	0.454	0.000	0	0	0	
9	0.616	1.113	0.409	0.320	0.414	0.000	0	0	0	
10	0.630	1.142	0.391	0.314	0.522	0.000	0	0	0	
11	0.631	1.139	0.385	0.311	0.473	0.000	0	0	0	
12	0.628	1.129		0.309	0.627	2	0	0	0	
13	0.683	1.131	0.309	0.247	0.393	0.000	0	0	0	0

## CHROMATOGRAPHIC GAS ANALYSIS REPORT HEATON COM LS 9A API 30-45-24988 METER ID 97604

	C12 MOLE PERCEN	N2 MOLE PERCEN	O2 MOLE PERCEN	WATER MOLE PERCEN	ARGON MOLE PERCEN	ANALYSI	SAMPLE	LAB ANALYSI	SPECIFIC	SAMPLE
	Т	T	Т	T	Т	S ID	DATE	S DATE	GRAVITY	RE
1		0	0	0			11-Aug-94	11-Aug-94	0.6000	11.6
2		0	0	0			16-Sep-94	16-Sep-94	0.6000	12
3		0.26	0	0					0.6850	
4		0.268	0	0					0.6914	
5		0.268	0	0					0.6914	
6		0.258	0	0					0.6942	
7		0.283	0	0					0.6895	
8		0.307	0	0		9.71E+08	05-May-97	06-May-97	0.6977	303
9		0.274	0	0		9.8E+08	12-Mar-98	13-Mar-98	0.6978	308
0		0.266	0	0		9.81E+08	01-Sep-98	02-Sep-98	0.6999	219
1		0.263	0	0		9.9E+08	05-Mar-99	08-Mar-99	0.6990	169
2		0.261	0	0		1643	11-Sep-00	14-Sep-00	0.7022	150
3	0	0.269	0	0	0	2.1E+08	10-Jan-01	11-Jan-01	0.6947	160

	SAMPLE	TESTER
	TEMPT	USER ID
1	60	
2	60	
3		ADACS
4		ADACS
5		ADACS
6		ADACS
7		ADACS
8	78	LR
9	65	Ir
10	71	JE
11	70	vj
12	88	DB
13	40	GH

5 Well	. i						6101	60			Form	C-105
District Office State Lease - 6 copies	979	7 ± Energy	, Minerals	and Natura	TL And Resource	es Depa	artment					
Fee Lease - 5 copies DISTRICT I	ND 4 99340	•••	L CONS	SERVAT	ION DI		ſ	WELL A	PI NO.	30045249	200	
P.O. Box 1980, Hobbs,	NM 88240			P.O.Box			ŀ	5. Indica	ь Туре			
DISTRICT II P.O. Drawer DD, Artes	ia, NM 88210	1	Santa Fe,	New Mex	ico 87504	-2088	-			STATI	ε	FEE X
DISTRICT III 1000 Rio Brazos Rd., A	ztec, NM 874	10		0	EC	EIW	ED	0. State (		as Lease No.		
WELL CO	OMPLETIO	N OR REC	COMPLET	ION REFC		LÖG						
Ia. Type of Well: OIL WELL	GAS WE	LL 🗙	DRY	OTHER	JUN	2 9 19	94 0	7. Lease Heaton (		or Unit Agrees	ment N	ame
b. Type of Completion: NEW WORK WELL OVER	DEEPEN					) N _0 [ 17. 3	DIV.					
2. Name of Operator				Attentio				8. Weil 1	No.			
Amoco Production Cor	mpany				Dallas	Kalahar		9. Pool r		9A Wildont		
3. Address of Operator P.O. Box 800 De	enver	Colori	ado	80201	(30	03) 830	-5129	9. Pool I		Basin Fruitlan	d Coal	
4. Well Location	47			Sout	h		1080			_ East		
Unit Letter	:17	40 Feet	From The			Line and	1080	Fe	et Fron	n The		Line
Section 32		Town	nship 31N		Range 11				San Ju			County
10. Date Spudded 1 02-28-82	1. Date T.D. 1 03-08		12. Date Co	ompl. (Ready 06-13-94	ю Prod.)	13. E	levations (DI 5	<i>т &amp; RKB,</i> 815' GR	RT,GR,	esc.) 14.	Elev.	Casinghead
15. Total Depth	16. Pluj	g Back T.D.	1	7. If Multiple Many Zon	es/	we	18. Intervals Drilled B	v	y Tools	I Ci	ble To	
6948' KB		6925' K				2			YES	. Was Directio	N(	
19. Producing Interval(s) FT	, of this compl	etion - Top,	Bottom, Nam Top 20	60'		8	ottom 2317			NO		
21. Type Electric and Ot	ther Logs Run		NONE					22. W	as Well	Cored		
23.		CA	SING RI	ECORD	Report	all stri	ngs set in	n well)				
CASING SIZE	WEIGH	T LB./FT.	DEPT	H SET	HOL	E SIZE	CE	MENTI	NG R	ECORD	AMO	JNT PULLE
9 5/8"		6#		' KB		1/4" 3/4"		sx CL B 95 sx	<u></u>	B, 150 sx		CL-B Neat
7*	2	3#	448	1' KB	0.	3/4		295 sx		-B, 150 sx		CL-B
									711	BING REC	תקסי	····
24.	TOP		ER RECO	SACKS CE	MENT	SCREE	25. EN	SIZE	10	DEPTH S		PACKER SE
SIZE 4 1/2"	4386' KB		48' KB	290		00.00		2 3/8		4648	-	2800'
		_						1 1/2"		2306'		
26. Perforation record (	interval, size, a	and number)			2							EZE, ETC. ERIAL USED
					-	DEPTH	INTERVAL	<u> </u>	MOON	T AND KIND		
see att	ached											
<u> </u>				000	DUCT	ION						
28.		Product	ion Method (				id type pump,	)		Well Status Siw/o 1st		or Shut-in)
Date First Production		1101111	Thoke Size	Prod'n Fo		- Bbl.	Gas - 1	MCF	W	ater - Bbl.		Gas - Oil Rati
Date First Production Date of Test	Hours Teste	-	Thoke Size	Test Perio	od							- 10 1
	Hours Teste Casing Pres	sure C				Gas - Mo	CF V	Water - Bb	1.	Oil Gravi	ty - AP	1 - (Corr.)
Date of Test	Casing Pres	sure C	Thoke Size Calculated 24- Iour Rate etc.)	Oil - Bbl		Gas - Mo				Oil Gravi	ty - AP	1 - (Corr.)
Date of Test Flow Tubing Press.	Casing Pres	sure C	Choke Size Calculated 24- Iour Rate	Oil - Bbl							ty - AP	[ - (Corr.)
Date of Test Flow Tubing Press. G(1) () 29. Disposition of Gas ( 30. List Attachments	Casing Pres	sure 	Choke Size Calculated 24- four Rate e.c.) to be sold	Oil - Bbl	د. د Frac Su	ndry			Test W	itnessed By	ty - AP	[ - (Corr.)
Date of Test Flow Tubing Press. GAA 29. Disposition of Gas ( 30. List Attachments 31. I hereby certify that	Casing Pres	fuel, vented,	Choke Size Calculated 24- four Rate etc.) to be sold	Oil - Bbl	د د Frac Su e and comp	ndry	best of my k	nowledge	Test W	itnessed By		(e/27/99

## **INSTRUCTIONS**

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

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

#### Southeastern New Mexico

. 1

#### Northwestern New Mexico

T. Anhy	T. Canyon	. T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs2300'	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House 3970'	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee 4130'	T. Madison
T. Queen	T. Silurian	T. Point Lookout 4630'	T. Elbert
T. Grayburg	T. Montoya		T. McCracken
T. San Andres	T. Simpson	T. Gallup 5890'	T. Ignacio Otzte
T. Glorieta	Т. МсКее	Base Greenhorn	T. Granite
	T. Ellenburger		. T
T. Blinebry	T. Gr. Wash	T. Morrison	T
T. Tubh	T. Delaware Sand	T. Todilto	T
T. Drinkard	T. Bone Springs	T. Entrada	. T
T. Aba	Т	T. Wingate	. T
T. Wolfcamp	Т	T. Chinle	T
		T. Permain	
T. Cisco (Bough C)	Т	T. Penn "A"	T
	OIL OR GAS SA	NDS OR ZONES	
No. 1, from	to	No. 3, from	to

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

#### **IMPORTANT WATER SANDS**

Include data on rate of	f water inflow and	l elevation to which	water rose in hole.
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#### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
Surf	866	866	San Jose				
866	911	45	Ojo Alamo				
911	1946	1035	Kirtland				
1946	2300	354	Fruitland				
2300	2500	200	Pictured Cliffs				
2500	3970	1470	Lewis	11 1		1 1	
3970	4130	160	Cliffhouse				
4130	4630	500	Menefee	11 1			
4630	4899	269	Point Lookout				
4899	5890	991	Mancos	11 1			
5890	6624	734	Gallup			1 1	
6624	6680	561	Greenhorn	11 1			
6680	6735	55	Graneros				
6735	TD	213	Dakota	11 1			
						1	
·							4 N

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	Q E	GEIVEM
	UU	AR21 1994
State of New Mer	vino /	E 6 101
Submit 3 Copics to Appropriate District Office	sources Departmenal	CON. DIV Revised 1-1-89 DIST, 3
DISTRICT I OIL CONSERVATION	DIVISION	
P.O. Box 1980, Hobbs, NM 88240 P.O.Box 2088		WELL API NO. 3004524988
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 8	7504-2088	5. Indicate Type of Lease
		STATE FEE X
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410		6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON V	VELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEP	EN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR I (FORM C-101) FOR SUCH PROPOSALS.)	PERMIT.	
1. Type of Well:		Heaton Com LS
OIL GAS WELL OTHER		
2. Name of Operator Attention:		8. Well No.
	as Kalahar	9A
3. Address of Operator           P.O. Box 800         Denver         Colorado         80201	(303) 830-5129	9. Pool name or Wildcat BASIN DAK
4. Well Location		
Unit Letter I : 1740 Feet From The South	Line and 10	80 Feet From The East Line
Section 32 Townshin 31N	Range 11W	MPM San Juan County
	Range 11VV N her DF, RKB, RT, GR, etc.)	MPM Sail Stail County
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	REMEDIAL WORK	
TEMPORARILY ABANDON CHANGE PLANS	COMMENCE DRILLING	OPNS.
	CASING TEST AND CE	
OTHER: Recomp to MV & FC	OTHER:	
12. Describe Proposed or Completed Operations (Clearly state all pertinent det work) SEE RULE 1103.	ails, and give pertinent dates,	including estimated date of starting any proposed
Amoco Production Company intends to recomplete the subje dually produce the well per the attached procedures. The exi	ct well into the Mesaver sting Dakota formation v	de and Fruitland Coal formations and will be plugged and abandoned.
Amoco also requests approval to construct a temporary 15'>	(15'x5' blow oit for retu	rn fluids. This pit will be reclaimed upon
completion of this operation. This Sundry Notice supercedes		
Yeager Com A1. This well has been renamed as the Heaton		
		REMER
NAME CHANGE TO : HEATON COM LS 9A		DECEIAEU
FORMERLY: YEAGER COM A 1		
If there any questions, please contact Dallas Kalahar at 303-	830-5129.	JAN 31 1994
		OIL CON. DIV.
/		DIST. 3
I hereby certify that the information above is true and complete to the best of	my knowledge and belief.	

TYPE OR PRINT NAME	Dallas Kalahar	DEPUTY OIL & GAS INSPECTOR, DIST. #3	TELEPHONE NO. $3 - 24 - 94$
SIGNATURE	Vacco part		
	Allas Kil	A fid 1_ TIFLE Staff Business Analyst	DATE 10-21-1993
I hereby certify that the i	information above is true and complete t	to the best of my knowledge and belief.	

(This space for State Use)

#### 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.

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

. .

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

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 State of New Mexico Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

				Lesse				Well No.	
Amoco Prod	uction C				Com LS			9A .	
	LICTION CO	Township		Range			County	<u> </u>	
I	32	31N		11W		NMPM	San J	uan	
ctual Footage Location							•		
	from the S	outh	line and	1080		fect from t	he East	line	
round level Elev.	Produc	ing Formation		Pool		d Cool		Dedicated Ac 320	s/:
5815		land Coal		Basin F					Acres
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If answer is "	no" list the own	Mo II ausw ers and tract description d to the well until all in	as which have		avolidated. (U			ng, or otherwise	
No allowable or until a non	will be assigned -standard unit.	liminating such interest	t, has been ap	proved by the Di	vision.				
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STATE OF N											C-105 sed 10-1-78
NERGY AND MINER			CONSI	ERV	ATION			J	<u> </u>		
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FILE								•		ate Oil 6	Gas Lease No.
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			X	DRY	OTHER			N.	_		
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WELL A				SVR.	OTHER						Com A
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P. U. E	OX 3249, E	nglewood, CO	80133			1997 - 1997 - 1994 - 1994 - 1997 - 19	Jaliante se alteres		-		
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						(1)	IIXII			ounty	VIIIIII
E East LINE OF	sec. 32	TWP. 31N RG	ε. 11W		• <i>EUUUU</i> •	())	IXII	//////	Sa Sa	in Jua	n (())))))
. Date Spudded	16. Date T.D.	Reached 17. Date	Compl. (R	eady to F	Prod.) 18.	Eleve	ations (DI	, RKB, RT	GR, etc.	/ 19. EI	ev. Cashinghead
2/28/82	3/8/8:	2	4/5/82			58	15' GF				
. Total Depth	21. Pl	ug Back T.D.		li Multipl Many	le Compl., H	ow		vals , Ro	-		Cable Tools
6948' KB		6925' KB		Juny			Driff	ed By	0' <del>-</del> 1	D	
Producing Interval	s), of this comple	tion - Top, Botton	n, Name							25.	Was Directional Surve
											Made
6760-6860'	KB										No
. Type Electric and None	Other Logs Run						_, _,	- A -			Well Cored NO
•		CAS	SING RECO	RD (Rep	ort all string	s set	in well)				
CASING SIZE	WEIGHT LB				ESIZE	1		ENTING RE	CORD		AMOUNT PULLED
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7"	23#	4481'			3/4"	1		C1-B,	150ev	CI-R	neat
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•	L	INER RECORD					30.		TUBING	RECOR	D
SIZE	TOP	BOTTOM	SACKS CE	EMENT	SCREEN	_	SIZE		EPTH SI	1	PACKER SET
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6760-64 'KB		(29' - 58 h	(عماره		DEPTH						
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6851-60'KB					0.00 0		100	-			gal 70% quali
0001 00 10											0/40 sand
								L'Ouin u			
				PPOD	UCTION						
Ite First Production	Deads	action Method (Flor	uine ere li			nd eve	e numni		W-11	Statue /	Prod. or Shut-in)
3/23/82	Fide	Flowing	5us 11	,., pumpi		тур	c pump)			Shut-	
te of Test	Hours Tested	Choke Size	Prod'n. I	5.07	OII - Bbl.		Gas - M	TE W			
4/5/82	Hours Tested	3/4"	Test Per		OII - Bbl.	1	296		iter – Bbl	. 6	as—Oil Ratio
w Tubing Press.	Casing Pressur		- 011 - Bb	1.	Gas - 1			Vater - Bbl.		Oil Gr	TVITY - API (Corr.)
162 psi	648 psi	How Rate			23	864					
Disposition of Gas To be sold		el, vensed, esc.)					t	Т	st Witnes	sed By	
List of Attachments None	1							l			
. I hereby certify tha	t the information s	shown on both side	s of this for	m is trui	e and comple	10 10	the best o	f my knowle	dge and l	belief.	
SIGNED										A / 1	8/82
SIGNED	mine l	rican	TITL	.E			-1		DATE		

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

· . ·

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

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

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

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

## OIL CONSERVATION DIVISION

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

. WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		· · · · ·			Lesse				Well No.	
	roduct	ion Comp	anv		Heat	on Com L	S		9A	
Unit Letter	Section	~ ~	Township		Range			County	·	
I	32		31N		11W		NMPM	San Ju	ian	
Actual Footage Loc								•		_
1740	feet from	nthe SOL		line and	1080		feet from	the East	line	
Ground level Elev.		Producing I			Pool	Mesaver	de		Dedicated Acre 320	Acres E / 2
5815		lesavero			1					Acres
1. Outlin	e the acres	age dedicated to	the subject well	by colored per	cil or hachure i	marks on the plat	below.			
2 lf mor	e than one	lease is dedica	ted to the well, o	utline each and	l identify the ov	mership thereol (	both as to worki	ing interest and	royally).	
			ent ownership is	dedicated to the	e well, have the	interest of all ow	Dele peci coliso	martea by com	[]U]U]U[U]U[U]U[U]U	
	Yes	o-pooling, etc.?	No Il ana	wer is "yes" ty	pe of consolidat	ion				
If mowe	r is "po" li	ist the owners a	nd tract descripti	ous which have	actually been	ousolidated. (U	o reverse side o	(		
this form	if necces	sary.		atomete have h	een contolidate	d (by communitiz	ation unitizatio	n forced-poolin	12. or otherwise)	
No allow	able Will	be assigned to i fard unit, elimit	ne well until all	st, has been ap	proved by the I	)ivision.				
or with a								ODED AT	FOR CERTIFI	
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		i		P		1		best of my know	vledge and belief.	
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		i i		6		1	X	Jigmanic		
		1.		6		I.		Printed Name		
		i l		þ		1			Kalahar	
	107		1	R		T		Position		
		于这		K	•	1		Busine	ss Analy	st
		İ	LE I	6		1	4	Company		
N M	IAR21	LI 19 <b>94</b>		D		1	S L	Amoco Pi	rod. Co.	
	In the second	I and		R			X	Date		
	, CO	N. DIV	•	K				March	16, 1994	
	DIS	1. 3		6		l		SURVE	YOR CERTIF	ICATION
				<b>}</b>						
		i		R		1	X	I hereby cert	ify that the well	location show
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NO. OF COPIES RECEIVED			00							
DISTRIBUTION	NEW MEXICO OIL CONS	ERVATION COMMISSI	ON I	Form C-101						
SANTA FE				Revised 1-1-65						
FILE			ſ	5A. Indicate T	ype of Lease					
U.S.G.S.			STATE	FEE X						
LAND OFFICE			5. State Oil & C	Gas Lease No.						
OPERATOR										
APPLICATION FOR PE	RMIT TO DRILL, DEEPEN	, OR PLUG BACK								
1a. Type of Work				7. Unit Agreem	ent Name					
	DEEPEN	DL LIC								
b. Type of Well	DEEPEN	PLU	BACK	8. Farm or Leas	se Name					
OIL GAS WELL X OTH	ER	SINGLE X	ZONE	Yeager C	om "A"					
2. Name of Operator				9. Well No.						
Tenneco Oil Company				]						
3. Address of Operator				10. Field and Pool, or Wildcat						
P.O. Box 3249, Englew	ood, CO 80155			Basin Da	kota					
4. Location of Well	LOCATED 1740	FFET FROM THE	5 1105	<u>IIIIIII</u>						
AND 1080 PEET FROM THE E	LINE OF SEC. 32	TWP. 31N RGE. ]								
				12, County						
				San Juan						
				<u>IIIIIII</u>						
		19. Proposed Depth	19A. Formation	20	), Rotary or C.T.					
		±7000'	Dakota		Rotary					
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor		22. Approx. D	ate Work will start					
Ground 5815'	Blanket	Four Corners	5	June	, '81					
23.					t					

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT			EST. TOP
12 4"	9 5/8" new	36#	±300'	Circulate to	
8 3/4"	7" new	23#	±3600"	Surface	
6 1/4 "	4 <sup>1</sup> z" new	10.5#	±7000'	Circulate to liner top	

See attached drilling procedure.

The gas is dedicated.

APPROVAL VAUD FOR OF BASS-UNLESS FORILLING COMMENCED,

APR 2 1981 OIL CON. COM.

EXPIRES 10-2-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC-TIVE ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and compl	ets to the best of my knowledge and belief.	
Signed M. Michler	Tule Senior Prodution Analyst	Date March 23, 1981
APPROVED BY South J. Churg	SUPERVISOR DISTRICT # 3	APR 2 1981
CONDITIONS OF APPROVAL, IF ANY:	STATE APD	

bp



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

Phone: 281-366-4491

August 29, 2001

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

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



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

Bunce Com Well # 1 Gallegos Canyon Unit Well # 323 Gallegos Canyon Unit Well # 323 Gallegos Canyon Unit Well # 506 Heaton Gas Com LS Well # 9A Heaton Gas Com LS Well # 9A

Mesaverde Pool	NM - 48
Pictured Cliffs Pool	NM - 55
Fruitland Coal	Coal Seam
Pictured Cliffs	NM - 55
Fruitland Coal	Coal Seam
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



E	NER <mark>CY, MIN</mark>		ATFURAL RESOUL		o. <u>117303</u>					
Offi Reco	Official Receipt Received from: RC • OCD/SF • Kathy Valdes Dollar Amount									
DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.					
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60	4291									
60	3450									
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60	1893	0711	150.00							
60										
60										
60										
		TOTAL ing Fee	150.00							
NG	>MA Ful	ng Fee		ву						

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Amoco Production Company 509 South Boston Tulsa, OK 74103

PAY TO THE ORDER OF STATE OF NEW MEXICO 2040 PACHEO ST SANTA FE, NM 87505 US 62-20 311

Lh.M.

CHECK NO.

Authorized Signature

09/10/01

\*\*\*\*\*\$150.00 NOT VALID AFTER 6 MONTHS

One hundred fifty and 00/100 Dollars

TRACE NUMBER:

(Internet

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



.

			/	
Submit 3 Copies	State of New Mex	1	Form C-103	
to Appropriate District Office	Energy, Minerals and Natural Res	ources Department	Revised 1-1-89	
DISTRICT I	OIL CONSERVATION	DIVISION	WELL API NO.	
P.O. Box 1980, Hobbs, NM 88240	P.O.Box 2088	THE CONSERVICION	DIVISION 3004524988	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	) Salita Pe, New Mexico S	1304-2000 NELEIVED	5. Indicate Type of Lease	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 874	10	S JUN 19 AM	STATE FEE 6. Size Oil & Gas Lease No.	
(DO NOT USE THIS FORM FOR F DIFFERENT RES (FORM	PROPOSALS TO DRILL OR TO DEEPE ERVOIR. USE "APPLICATION FOR P I C-101) FOR SUCH PROPOSALS.)	N OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name Heaton Com LS	
1. Type of Well:				
OIL GAS WELL			8. Well No.	
2. Name of Operator Amoco Production Company	Attention: Lois	Raeburn	9A	
3. Address of Operator P.O. Box 800 Denver	Colorado 80201		9. Pool name or Wildcat Basin Dakota	
4. Well Location Unit Letter 1 : 1	740 Feet From The South	Line and 10	80 Feet From The West	Line
Section 32	Township 31N R	ange 11W N	MPM San Juan Cour	itv
Section 32		er LF, RKB, RT, GR, etc.)		
		5815' GR		
11. Check A	ppropriate Box to Indicate N	Nature of Notice, Re	eport, or Other Data	
	TENTION TO:		BSEQUENT REPORT OF:	
		REMEDIAL WORK	ALTERING CASING	
		COMMENCE DRILLING	OPNS.	л 🗙
PULL OR ALTER CASING		CASING TEST AND CE		
OTHER:		OTHER:		_ []
work) SEE RULE 1103.			including estimated date of starting any proposed	
On 5/25/94, MIRUSU, SET BELOW RET, PRESS TST TO	CMT RET @ 6690', PRESS TEST D 2500 PSI, ND BOP NU FRAC V	TO 1500 PSI, PMP 2	00 SKS CL B NEAT CMT, PMP 12 BBL 00 PSI, HELD OK, NUBOP	S CMI
SEE COMPLETION FOR RDI				
			DECENVED MAY - 8 1995	
			OIL CON. DIV. DIST. 3	
I hereby certify that the information a	bove is true and complete to the best of m	y knowledge and belief. TITLE <b>Busines</b>	Jast 05-04-1994	
SIGNATURE	Lois Raeburn	TITLE Smarple	TELEPHONE NO. (303) 830-	5294
TYPE OR PRINT NAME				
(This space for State Use)			MAY - 9	190
	Polumon	DEPUTY OIL & GAS I	NSPECIOR, DISI. #: DATE	
CONDITIONS OR APPROVAL, IF ANY:				

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• `

PO Drawer DD Hittifet 217 1000 Riu Brazo District IV					OIL CON Santa	ΡO	VATIO Box 20 NM 87	88					opropriat	e District Offic 5 Copies NDED REPORT
PO Box 2088, S I.	Santa Fe			r for	ALLOW/	BLE	AND	٨U	THOR	IZATI	ON MEO TY	EANSI	PORT	
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	roperty	Cude		He	aton Co	m LS	* Propert	ly Nai	ne				9A	ll Number
			ocation											
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11	Botlo	m F	lole Lo	cation								- <b>I</b>	I	
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						iner			6' T	op, 6	948'Bot	2110:	150sx	-B Neat CL-B CL-B
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4 Chu	ike Si <i>t</i> e			4 Oil		41 Wate	r		40 Ga	9.7 <b>1</b>		AOF	•	" Test Method
* I hereby ce	tify that	the ru	les of the O	il Conservati	on Division have	e been eu	mplied	_			NCEDVA			
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Printed name:	Dal	lla	s Kala	ahar			11	itle:	PEPUTY	OIL & G	AS INSPECTO	<del>R, DIST.</del>	#3	
Title:     Business Analyst       Date:     6/27/94						FEB	- 9 199	5						
Date: 6		9			303-830			a obei	ator					
	Pre	vious	Operator Si	gnature				Print	ed Name				Tille	Date
L	Te	empc	rary A	pproval	for <b>\$</b> 0	days	for							

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

EDRUG FREE

POST OFFICE 80X 2088 STATE LAND OFFICE 8UILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

BAUCE KING GOVERNOA

ANITA LOCKWOOD CABINET SECRETARY

## <u>MEMORANDUM</u>

TO:

Frank Chaves, Supervisor District III Ernie Busch, Geologist

FROM: William J. LeNay, 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

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USTRICT I O. Dox 1980, Hobbs, NM 88240

ISTRICT II O. Drawer DD, Artesia, NM 88210

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



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

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		tion Co			Heaton	Cor	n LS			9A .	
Amoco Pr	Section		Township		Range				County		
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740 ound level Elev.	Tect in	l'roduc	ing l'onnauon		Pool		tland Coa	1	•	320	Acres S/2
5815		Fruit	land Coal				tland Coa	L.			Actes
I. Outlin	o Ulie aci	reage dedical	ted to the subject well t	by colored per	ocil or hachure mu	uks on	the plat below.				
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3. If mor	e Ulan o	ne lease of a	dillerent ownership is d	edicated to th	o well, have the h	leret	of all owners been of	dior	Idation of own		
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<sup>19</sup> POD 45250 Well Completio <sup>10</sup> Spud Date 2-28-82 <sup>10</sup> Hole Size 121/4" 83/4" I. Well Test Data <sup>14</sup> Date New Oil <sup>14</sup> Choke Size <sup>14</sup> Choke Size <sup>14</sup> Choke Size <sup>14</sup> Choke Size <sup>15</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>16</sup> Choke Size	on Data 6-1 $3^{3}$ Gas Del $3^{3}$ Gas Del Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del $3^{3}$ Gas Del	<sup>1</sup> Ready Da 3-94 <sup>1</sup> C <sup>1</sup>	A     1 / 2 "       2     3 / 8 "       1     1 / 4 "       ** Te	6948! ig Size Liner Tbg Tbg Est Date Water cn complied	" '11) <b>KB</b> 308 ' 4481 ' 4386 ' 1 4386 ' 1 46 46 46 46 46 46 46 46 46 46	6925 "Depth So KB KB COP, 548 584 584 584 Cop, 548 584 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 554 Cop, 555 Cop, Cop, Cop, 555 Cop, Cop, Cop, Cop, Cop, Cop, Cop, Cop,	Description " 11317) 5' KB et 6948'Bot 40 40 40 0 NSERVAT Shills	4 305sx 1st: 25 2nd: 2 1 Pressure O NOF FION DI	"Perforations 565'-4669' Sacks Cement CL-B SX CL-B, 15 295sx CL-B, 50sx CL-B, 50sx CL-B, "Cag. Pressure 4@0 "Test Method VISION
<sup>19</sup> POD 45250 Well Completio <sup>20</sup> Spud Date 2-28-82 <sup>21</sup> Hole Size 121/4" 83/4" I. Well Test Data <sup>24</sup> Date New Oil <sup>24</sup> Choke Size <sup>25</sup> Choke Size <sup>26</sup> Choke Size <sup>27</sup> Choke Size <sup>27</sup> Choke Size <sup>28</sup> Choke Size <sup>29</sup> Choke Size <sup>29</sup> Choke Size <sup>20</sup> Choke Size	on Data 6-1 6-1 $3^{13}$ Gas Def $3^{13}$	<sup>1</sup> Ready Da 3-94 <sup>1</sup> C <sup>1</sup>	A     1 / 2 "       2     3 / 8 "       1     1 / 4 "       ** Te	6948! ig Size Liner Tbg Tbg Est Date Water cn complied	" '11) <b>KB</b> 308 ' 4481 ' 4386 ' 1 4386 ' 1 46 46 46 46 46 46 46 46 46 46	6925 "Depth So KB KB COP, 548 ' 584 ' 4ngth	Description " 118110 5' KB 6948'Bot 6948'Bot 40 40 40 40 40 40 40 40 40 40	4: 305sx 1st:95 2nd: 2 1 Pressure O NOF FION DI R. DISL.	"Perforations 565'-4669' Sacks Cement CL-B SX CL-B, 15 295sx CL-B, 50sx CL-B, 50sx CL-B, "Cag. Pressure 4@0 "Test Method VISION
<sup>19</sup> POD 45250 Well Completio <sup>30</sup> Spud Date 2-28-82 <sup>10</sup> Hole Size 121/4" 83/4" I. Well Test Data <sup>34</sup> Date New Oil <sup>34</sup> Choke Size <sup>14</sup> Choke Size <sup>15</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>17</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>17</sup> Choke Size <sup>17</sup> Choke Size <sup>18</sup> Choke Size <sup>18</sup> Choke Size <sup>19</sup> Choke Size <sup>19</sup> Choke Size <sup>10</sup> Choke Size <sup>10</sup> Choke Size <sup>10</sup> Choke Size <sup>10</sup> Choke Size <sup>10</sup> Choke Size <sup>10</sup> Choke Size <sup>11</sup> Choke Size <sup>11</sup> Choke Size <sup>11</sup> Choke Size <sup>11</sup> Choke Size <sup>11</sup> Choke Size <sup>11</sup> Choke Size <sup>12</sup> Choke Size <sup>14</sup> Choke Size <sup>15</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>16</sup> Choke Size <sup>17</sup> Choke Size <sup>18</sup> Choke Size <sup>18</sup> Choke Size <sup>18</sup> Choke Size <sup>19</sup> Choke Size <sup>10</sup> Choke Size	on Data 6-1 6-1 $3^{13}$ Gas Def $3^{13}$	"Ready Da 3-94 "C "C "C "C "C "C "C "C "C "C "C "C "C	A     1 / 2 "       2     3 / 8 "       1     1 / 4 "       ** Te	6948! 6948! Ig Size Liner Tbg Tbg st Date Water cn complied t of my	" 'TD <b>KB</b> 308 ' 4481 ' 4386 ' T 4386 ' T 46 45 " Test I " Ga 7-7-90 A1 - 7-90 A1 - 7-9	6925 "Depth So KB KB COP, 548 584 584 584 Cop, 548 584 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 548 Cop, 554 Cop, 555 Cop, Cop, Cop, 555 Cop, Cop, Cop, Cop, Cop, Cop, Cop, Cop,	Description " 11317) 5' KB et 6948'Bot 40 40 40 0 NSERVAT Shills	4: 305sx 1st:95 2nd: 2 1 Pressure O NOF FION DI R. DISL.	"Perforations 565'-4669' Sacks Cement CL-B SX CL-B, 15 295sx CL-B, 50sx CL-B, 50sx CL-B, "Cag. Pressure 4@0 "Test Method VISION
<sup>15</sup> POD 45250 Well Completio <sup>16</sup> Spud Date 2-28-82 <sup>17</sup> Hole Size 12 1/4" 8 3/4" I. Well Test Data <sup>16</sup> Date New Oil <sup>16</sup> Choke Size I hereby certify that the rules ith and that the information ginowledge and pelief. ignature: <i>Context of the second se</i>	on Data 6-1 6-1 <sup>3</sup> Gas Del 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<sup>1</sup> Ready Da 3-94 <sup>1</sup> C <sup>1</sup>	asing & Tubin         9       5 / 8"         7"         4       1 / 2"         2       3 / 8"         1       1 / 4"         ** Te         ** Te         ** Te         0       3 - 830 -	6948! g Size Liner Tbg Tbg st Date Water cn complied of my	" '11) <b>KB</b> 308 ' 4481 ' 4386 ' 1 4386 ' 1 46 45 " Test I " Test I " Ca 7 - 7 - 92 At mark (1) <b>DEPUTY</b> Approval 1 - 6:	6925 "Depth So KB KB COP, 548 ' 584 ' 4ngth	Description " 118110 5' KB 6948'Bot 6948'Bot 40 40 40 40 40 40 40 40 40 40	4: 305sx 1st:95 2nd: 2 1 Pressure O NOF FION DI R. DISL.	"Perforations 565'-4669' Sacks Cement CL-B SX CL-B, 15 295sx CL-B, 50sx CL-B, 50sx CL-B, "Cag. Pressure 4@0 "Test Method VISION

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District Office State Lease - 6 copies Fee Lease - 5 copies	En	ergy, Mineral	s and Natura	al Resourc	es Departi	ment			
DISTRICT I	NL CONSERVATIO	OIL CON	ISERVAT	TON DI	VISION		WELL API	NO.	
P.O. Box 1980, Hobbs	, NM 88249RECEV							30045	24988
DISTRICT II P.O. Drawer DD, Arte	P.O. Drawer DD, Artosia NM 188210 FEE								
DISTRICT III 1000 Rio Brazos Rd., A	Aztec, NM 87410						6. State Oil	& Gas Lease N	0.
	WELL COMPLETION OR RECOMPLETION								
1a. Type of Well: OIL WELL	GAS WELL 🗙	DRY 🗌	OTHER	JUN 2	1994	y_	7. Lease No Heaton Co	ime or Unit Ag m LS	reement Name
b. Type of Completion: NEW WORK DEEPEN PLUG N DIFF OLL COLL DIV									
2. Name of Operator			Attentio		-		8. Well No.		
Amoco Production Co 3. Address of Operator				Dallas K	alahar		9 Pool nam	9/ e or Wildcat	A
P.O. Box 800 D		olorado	80201	(30	3) 830-51	29	9. FOOI 1411	Basin Fruit	land Coal
4. Well Location	1740	Seat Reason The	Sout	h ,	10	080	Feet	From TheEa	st Time
Unit Letter		Feet From The _		L	ine and		reel		Line
Section 32		Township 31N		Range 11				n Juan	County
10. Date Spudded 02-28-82	11. Date T.D. Reached 03-08-82	12. Date C	Compl. (Ready 06-13-94	to Prod.)	13. Eleva		F & <i>RKB, RT</i> 815' GR	GK,etc.)	14. Elev. Casinghead
15. Total Depth	16. Plug Back 7		17. If Multiple Many Zon	687		Intervals Drilled B	Rotary T		Cable Tools
6948' KB	6925			2			YE		NO ctional Survey Made
19. Producing Interval(a) FT	), of this completion - 1	op, Bottom, Nat Top 2			Botto	m 2317		NO	CHOINI SUIVEY MADE
21. Type Electric and O	ther Logs Run	NONE					22. Was V NO	Vell Cored	
23.		CASING R	ECORD (	Report a	ll strings	s set ir	ı well)		
CASING SIZE	WEIGHT LB./		TH SET	HOLE				RECORD	AMOUNT PULLED
9 5/8"	36#		B' KB	12 - 1			ex CL B		
7*	23#	448	1' KB	8 - 3	4		95 sx 295 sx	CL-B, 150 sx CL-B, 150 sx	
						21101	200 04		
24.		INER RECO	RD SACKS CER	(TA)	SCREEN	25.	SIZE	TUBING RE	
SIZE 4 1/2"	TOP 4386' KB	BOTTOM 6948' KB	290	MENT	SCREEN		23/8		
		·					1 1/2"	2306	5'
26. Perforation record (	interval, size, and numb	er)							, SQUEEZE, ETC.
					DEPTH INT	ERVAL	AMO	UNT AND KIP	ID MATERIAL USED
see att	ached								
28.			PRO	DUCTIO	DN		In		
Date First Production	Prod	uction Method (				e pump)		Well Stat Slw/o 1	us (Prod. or Shut-in) st Deliv
Date of Test	Hours Tested	Choke Size Choke Size	Prod'n For Test Period		<b>вы</b> .	Gas - N	ICF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	G	as - MCF	W	ater - Bbl.	Oil Gra	vity - API - (Corr.)
29. Disposition of Gas (S	Sold, used for fuel, vent		1				Test	Witnessed By	
20 1:4 4-1		to be sold	1						
30. List Attachments			Perf 8	Frac Sund	ry				
31. I hereby certify that i			nis form is true	and complete	e to the best	of my kn	owledge and	bellef	
Signature da	llas Kalo	char	Printed Name	Dallas	Kalahar	т	itle Staff E	usiness Analy	1st Date 0/27/94
			. INGUIG				íx		Y

## 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

100

WH ? ? SHL

## Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canvon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 911'	T. Penn. "C"
B. Salt		T. Pictured Cliffs 2300'	T. Penn. "D"
	_ T. Miss		T. Leadville
T. 7 Rivers			T. Madison
	T. Silurian		T. Elbert
T. Gravburg	_ T. Montoya	T. Mancos 4899'	T. McCracken
T. San Andres	_ T. Simpson	T. Gallup 5890	T. Ignacio Otzte
T. Glorieta	_ T. McKee	Base Greenhorn 6624	T. Granite
T. Paddock	T. Ellenburger	T. Dakota 6735	. T
T. Blinebry	_ T. Gr. Wash	T. Morrison	. T
T. Tubb	T. Delaware Sand	T. Todilto	. T
T. Drinkard	_ T. Bone Springs	T. Entrada	T,
T. Abo	_ T	T. Wingate	. T
T. Wolfcamp	_ T	T. Chinle	. T
T. Penn	_ T	T. Permain	. T
T. Cisco (Bough C)	_ T	T. Penn "A"	T
	OIL OR GAS SAM		
No. 1. from	to	No. 3, from	
	to	No. 4, from	to
	IMPORTANT W	-	
Include data on rate of water inf	low and elevation to which water ro	ose in hole.	
No. 1. from	to	feet	
No. 2, from	to	feet	•••••••••••

## LITHOLOGY RECORD (Attach additional sheet if necessary)

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

4004 - 4009, 4032 - 4

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 FRUITALND 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 <u>1-1/</u>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

							1		4
1 4- <sup>1</sup>									C-105
Submit to Appropriate			State of New Mex					Revis	ed 1-1-89
District Office State Lease - 6 copies	Er	nergy, Mineral	s and Natural Res	ources Depa	rtment		/		
Fee Lease - 5 copies	ONSERVATION	NUSION	CEDVATION	DIVICIO	n E	WELL API N	0.		
DISTRICT I P.O. Box 1980, Hobbe		OILCON		DIVISIO			300452	4988	
	RECEIVED		P.O.Box 2088			5. Indicate Ty			
DISTRICT II P.O. Drawer DD, Arte	nia. NM	O Santa Fe	e, New Mexico 8	7504-2088			STA	те 🗌	FEE X
P.O. Diawer DD, 94	JU Z5 HIL	0 00	DRA		in t	6. State Oil 8	Gas Lease No		
DISTRICT III	America 303.6 97410		DEG						
1000 Rio Brazos Rd.,			TION						
WELL COMPLETION OR RECOMPLETION DEPORT AND LOG									
1a. Type of Well:	a. Type of Well: OIL WELL GAS WELL DRY OTHER Heaton Com LS						Vame		
			000 000	DN. DI		Reaton Com	LO		
b. Type of Completion					Vo				
WELL WORK	DEEPEN	BACK	RESVR OTHER	SI. 3					
2. Name of Operator			Attention			8. Well No.			
Amoco Production Co	mpany			llas Kalahar			9A		
3. Address of Operator						9. Pool name	or Wildcat		
		Colorado	80201	(303) 830-	5129		Blanco Mer	saverde	
4. Well Location							· · · · · · · · · · · · · · · · · · ·		
	1740		South	Line and	1080	Test T	Eas	t	Line
Unit Letter		Feet From The		Line and .	-	FCCI P	rom The		
Section 32		Township 31N	Range	11W	NM	PM San	Juan		County
	11. Date T.D. Reache		Compl. (Ready to Pro			& RKB, RT,C		4. Elev	Casinghead
02-28-82	03-08-82	12. Daile 4	06-13-94			315' GR			
15. Total Depth	16. Plug Back	TD	17. If Multiple Comp	I. How			ols , (	Cable To	ols
6948' KB		5' KB	Many Zones?	2	8. Intervals Drilled By	YES	3	N	0
			77.0			-l	20. Was Direct		-
19. Producing Interval(a MV Point Lo		Top 4		Bo	ttom 4669'		NO		
21. Type Electric and O						22. Was W			
21. Type Electric and O	dier Logs Kun	NONE				NO			
23.	<u> </u>		RCORD (T	. 11					
		CASING R		ort all strin	<u> </u>	/		Lines	
CASING SIZE	WEIGHT LB.			OLE SIZE		<u>AENTING</u>	RECORD	AMO	UNT PULLED
9 5/8"	36#			12 - 1/4"		x CL B			
7"	23#	448	11' KB	8 - 3/4"			CL-B, 150 sx	+	CL-B Neat
					2nd: 2	95 ex	CL-B, 150 sx	-	CL-B
·						1			
						60			
24.		LINER RECO	Y		25.		UBING RE		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	4	SÍZE 2 3/8*	DEPTH : 4648		PACKER SET 2800'
4 1/2"	4386' KB	6948' KB	290			1 1/4"	4584		2800
					ATTOR T				TETE ETC
26. Perforation record (	interval, size, and nun	nber)					CEMENT,		
				DEPTHI	NTERVAL	AMOU	INI AND KIN	UMAI	ERIAL USED
see at	tached								
28.			PRODUC	TION					
Date First Production	Pro	duction Method (	Flowing, gas lift, pum		type pump)		Well Statu	s (Prod.	or Shut-in)
Date I lik Floudouol		wing		7	VI 1 1/		Siw/o 1s	t Deliv	
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl.	Gas - M	CF	Water - Bbl.		Gas - Oil Ratio
Date of Test		Choke Size	Test Period		1				
Flow Tubing Press.	Casing Pressure	Calculated 24	Oil - Bbl.	Gas - MCI	W	nter - Bbl.	Oil Grav	ity - AP	I - (Corr.)
I will the states	LL . A	Hour Rate		1	1				
29. Disposition of Gas	Sold used for fuel we					Test	Witnessed By		
wayonuou or ods (	oona, mada jur juer, ver	to be sold	4						
30. List Attachments						<u>_</u> _			
Les Auguinous			Perf & Frac	Sundry					
31. I hereby certify that	the information shows	on both sides of .			est of my kny	wledge and b	elief		
SI. I nereoy cerajy that	we injurmation shown	A DOWN SILLES OF L							1/ 1
Al. 1	la K.A.	ha	Printed	Jallas Kalabaa		Ctoff D.	Isinges Analy	et	4/27/AU
Signature VIL	cas Tall.	man	Name	Dallas Kalahar	Ti	tleBL	isiness Analys	Date	

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

Sou	theastern New Mexico	ALC LUT DI MERE D'UNE	n New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo866'	. T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
	T. Atoka	_ T. Pictured Cliffs2300'	T. Penn. "D"
	T. Miss		T. Leadville
	T. Devonian		T. Madison
	T. Silurian		T. Elbert
	T. Montoya	T. Mancos 4899'	T. McCracken
T. San Andres	T. Simpson	T. Gallup 5890'	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn6624	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	_ T
T. Blinebry	T. Gr. Wash	_ T. Morrison	_ T
T. Tubb	T. Delaware Sand	T. Todilto	. T
T. Drinkard	T. Bone Springs	T. Entrada	_ T
T. Aba	T	T. Wingate	. T
T. Wolfcamp	T	T. Chinle	. T
T. Penn	Т	T. Permain	_ T
T. Cisco (Bough C).	T	T. Penn "A"	. T
•	OIL OR GAS S	ANDS OR ZONES	
No. 1, from	to	No. 3, from	to
	to		to
	IMPORTANT	WATER SANDS	
Include data on rate o	f water inflow and elevation to which water	rose in hole.	
No. 1, from	to	feet	
No. 2, from	to	feet	
No. 3, from	to	feet	
	LITHOLOGY RECORD (Atta	ch additional sheet if necessary)	

From	То	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
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866	911	45	Ojo Alamo				
911	1946	1035	Kirtland			1	
946	2300	354	Fruitland				
2300	2500	200	Pictured Cliffs				
	3970		Lewis				
	4130	160	Cliffhouse	1			
	4630	500	Menefee				
	4899	269	Point Lookout				
	5890		Mancos				
5890	6624	734	Gallup				
6624	6680	561	Greenhorn				
6680'	6735	55	Graneros				
6735'	TD	213	Dakota				
0733	. 10	213	Danola				
	14						
2. C							

#### HEATON COM LS 9A

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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
Submit 3 Copies to Appropriate District Office	,
DISTRICT I P.O. Box 1980, Hobbs ONN SE240 RECTIVED P.O.Box 2088	WELL API NO.
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 AT Santa Fe, New Mexico 87504-2088	3004524988
P.O. Drawer DD, Artesia, NM 88210	5. Indicate Type of Lease STATE FEE X
DISTRICT III	6. State Oil & Gas Lease No.
IOU Rio Brazos Rd., Aztec, NM 87410	0. State Off de Gas Lease NO.
SUNDRY NOTICES AND REPORTS ON WELLS	
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"	BACK IO A 7. Lease Name or Unit Agreement Name
(FORM C-101) FOR SUCH PROPOSALS.)	Heaton Com LS
1. Type of Well:	
OIL GAS WELL COTHER	(FORMERLY YEAGER COM/AI#I)
2. Name of Operator Attention:	8. Well No.
Amoco Production Company Dallas Kalahar	9A
3. Address of Operator (202)	9. Pool name or Wildcat
P.O. Box 800 Denver Colorado 80201 (303)	830-5129 Basin Dakota
4. Well Location	5000 Fast
Unit Letter I : 1740 Feet From The South Line	and 1080 Feet From The East Line
Section 32 Township 31N Range 1	1W NMPM San Juan County
10. Elevation (Show whether DF, RKB, J	RT, GR, etc.)
11. Check Appropriate Box to Indicate Nature of	Notice, Report, or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL	
	- WORK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENT PULL OR ALTER CASING CASING T	
TEMPORARILY ABANDON CHANGE PLANS COMMENT PULL OR ALTER CASING CASING T	CE DRILLING OPNS. PLUG AND ABANDONMENT
TEMPORARILY ABANDON       CHANGE PLANS       COMMENT         PULL OR ALTER CASING       CASING T       CASING T         OTHER:       OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give p       work) SEE RULE 1103.         MIRUSU 5/24/94.       TIH W/1 JT NO TAG.       TOH W/6809' TBG, 212 JTS.         TO 1500 PSI.       STUNG OUT OF RET.       CIRC HOLE W/KCL WATER, STUND	CE DRILLING OPNS.       PLUG AND ABANDONMENT         TEST AND CEMENT JOB       PLUC         PLUC       BACK         errinent dates, including estimated date of starting any proposed         TIH W/CMT RET & SET @ 6990'.         PRESS TEST TBG         G INTO RET, EST INJ RATE 2 BPM @ 600 PSI W/11
TEMPORARILY ABANDON       CHANGE PLANS       COMMENT         PULL OR ALTER CASING       CASING T       CASING T         OTHER:       OTHER:       OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give p work)       SEE RULE 1103.       MIRUSU 5/24/94. TIH W/1 JT NO TAG. TOH W/6809' TBG, 212 JTS. TO 1500 PSI. STUNG OUT OF RET. CIRC HOLE W/KCL WATER, STUN         BBLS. RU CMT EQUIP. MIXED & PUMPED 200 SXS CMT CLASS B NEAR	CE DRILLING OPNS.       PLUG AND ABANDONMENT         PEST AND CEMENT JOB       PLUC         PLUC       PLUC
TEMPORARILY ABANDON       CHANGE PLANS       COMMENT         PULL OR ALTER CASING       CASING T       CASING T         OTHER:       OTHER:       OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give p work)       SEE RULE 1103.       MIRUSU 5/24/94. TIH W/1 JT NO TAG. TOH W/6809' TBG, 212 JTS. TO 1500 PSI. STUNG OUT OF RET. CIRC HOLE W/KCL WATER, STUN         BBLS. RU CMT EQUIP. MIXED & PUMPED 200 SXS CMT CLASS B NEAR	CE DRILLING OPNS.       PLUG AND ABANDONMENT         PEST AND CEMENT JOB       PLUC         PLUC       PLUC
TEMPORARILY ABANDON       CHANGE PLANS       COMMENT         PULL OR ALTER CASING       CASING T       CASING T         OTHER:       OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give p       work) SEE RULE 1103.         MIRUSU 5/24/94.       TIH W/1 JT NO TAG.       TOH W/6809' TBG, 212 JTS.         TO 1500 PSI.       STUNG OUT OF RET.       CIRC HOLE W/KCL WATER, STUND	CE DRILLING OPNS. PLUG AND ABANDONMENT

	-	DECEIVED
		OIL COM
I hereby certify that the information signature	ation above is true and somplete to the tellas Kalaha	Dest of my knowledge and belief.
TYPE OR PRINT NAME	Dallas Kalahar	TELEPHONE NO. (303) 830-512
(This space for State Use) APPROVED BY	Sholm	DEPUTY OIL & GAS INSPECTOR, DIST. #3 JUN 2 9 19

CONDITIONS OF APPROVAL, IF ANY:

DISTR	ox 1980, Hobbs, NM 88241-1980	State of Ne Energy, Minerals and Natu		Form C-107 Revised 4-1-91
DISTR P.O. D	UCT II OIL CONS hawer DD, Artesia, NM 88211-07 UCT III No Brazos Rd, Aziec, AG4 87 (10) Amoco Product	APPLICATION FOR MU	JLTIPLE COMPLETION Box 800, Denver, CO	Filing Instructions Bottom of Page
	Heaton Com LS	5 9a I	32-31N-R11W S	an Juan
Lease		Well No. Unit Lt	r Sec - Twp - Rgc	County
All ap	plicants for multiple comple	tion must complete ltems 1 and 2	below.	· · · · · · · · · · · · · · · · · · ·
	te following facts e submitted:	Upper Zone	Intermediate Zone	Lower Zone
8.	Name of Pool and Formation	Basin Fruitland Coal		Blanco Mesaverde
b.	Top and Bottom of Pay Section (Perforations)	2060' - 2317'		4565' - 4669'
c.	Type of production (Oil or Gas)	Gas		Gas
d.	Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e:	Daily Production Actual Estimated Oil Bbls. Gas MCF Water Bbls.	Oil - 0 Gas - 90 MCFD Water - 0	JUN 2 8 1994 OIL CON. DIV. DIV. 8	Oil - 1 Gas - 180 MCFD Water - 0

The following must be attached: 2.

Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers a. and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases b. offsetting applicant's lease.

Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such c. log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

	OIL CONSERVATION DIVISION
I hereby certify above information is true and complete to best of my knowledge, and belief. Signature Allus Talahan	Approved by: Sund Buck
Business	Title: DEPUTY OL & GAS INSPECTOR, DIST.
Printed Name & Title Dallas Kalahar Analyst	JUN 2 9 1994
Date 6/27/94 Telephone303-830-5129	Date:

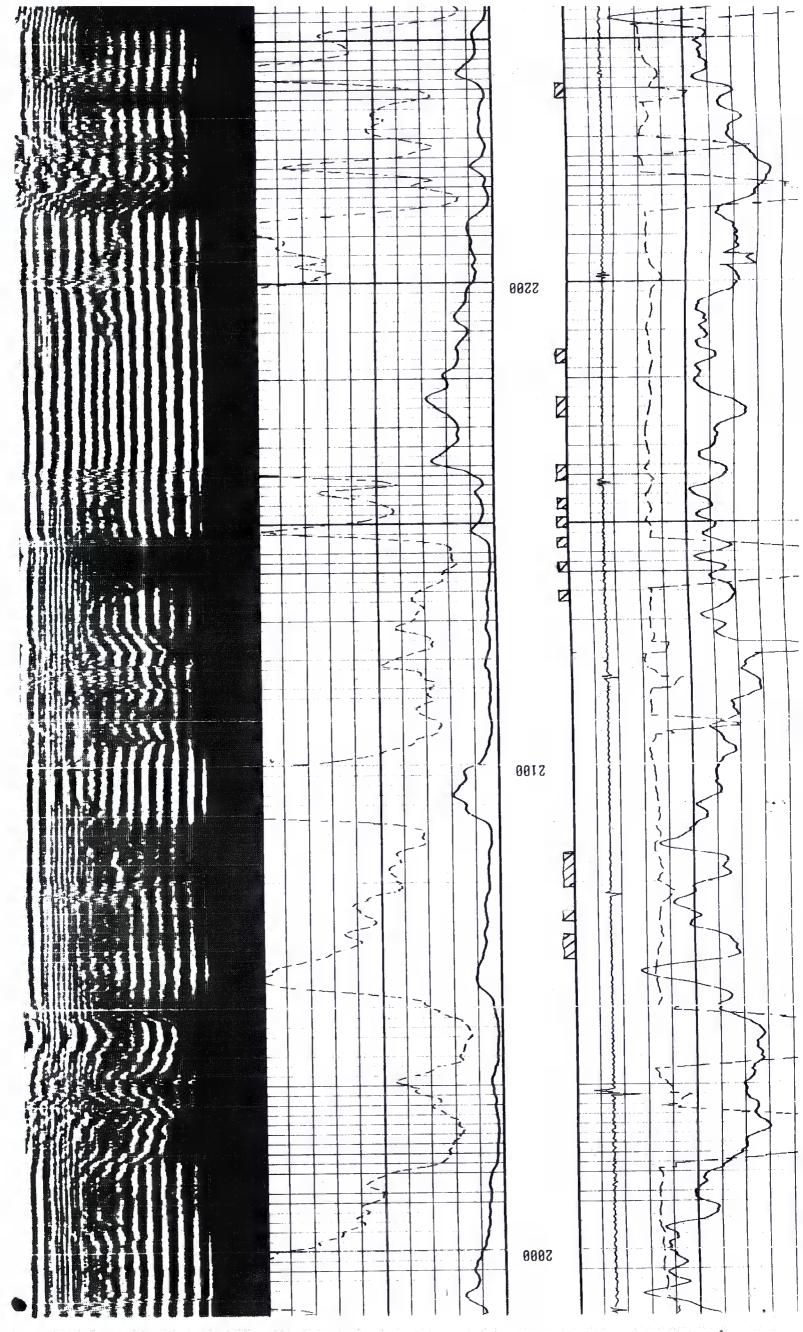
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

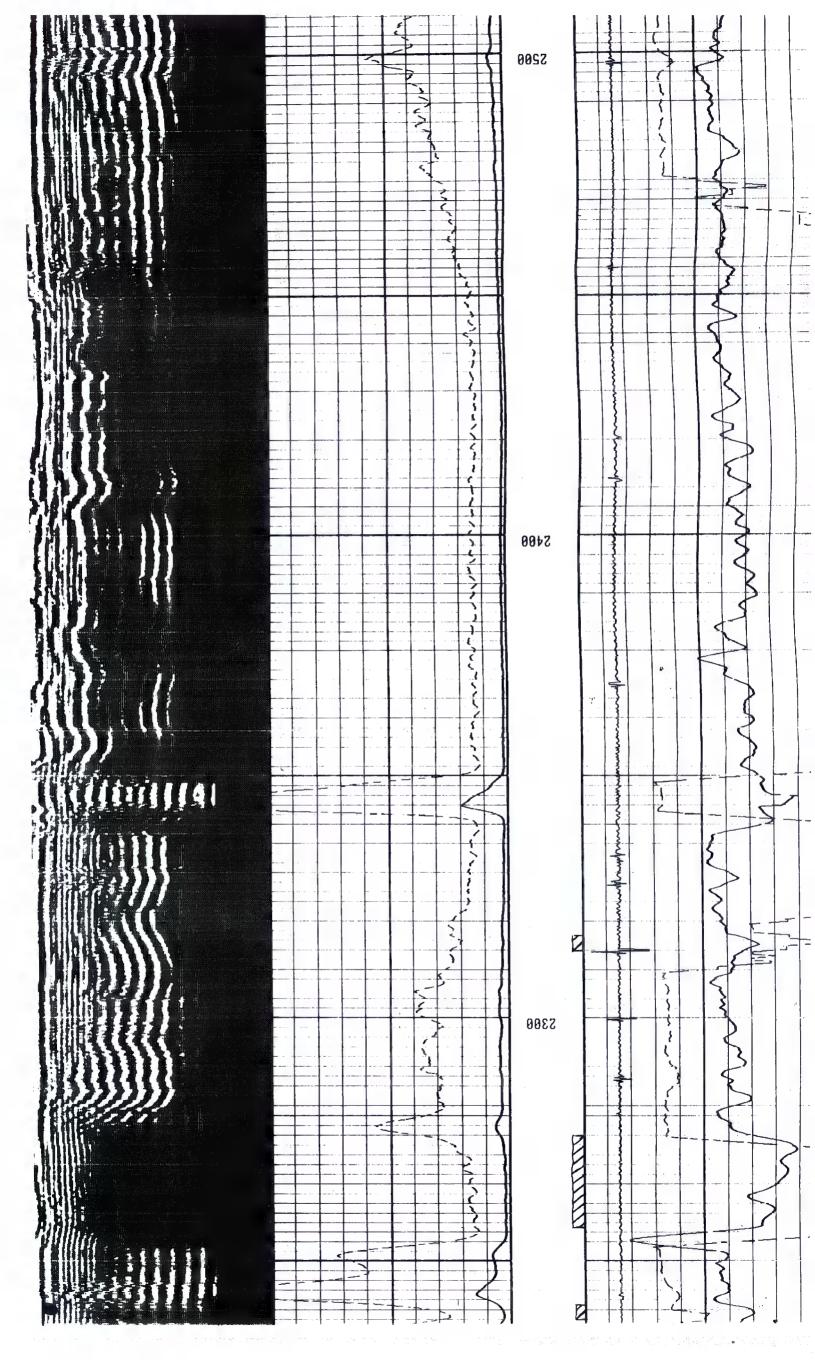
#### FILING INSTRUCTIONS:

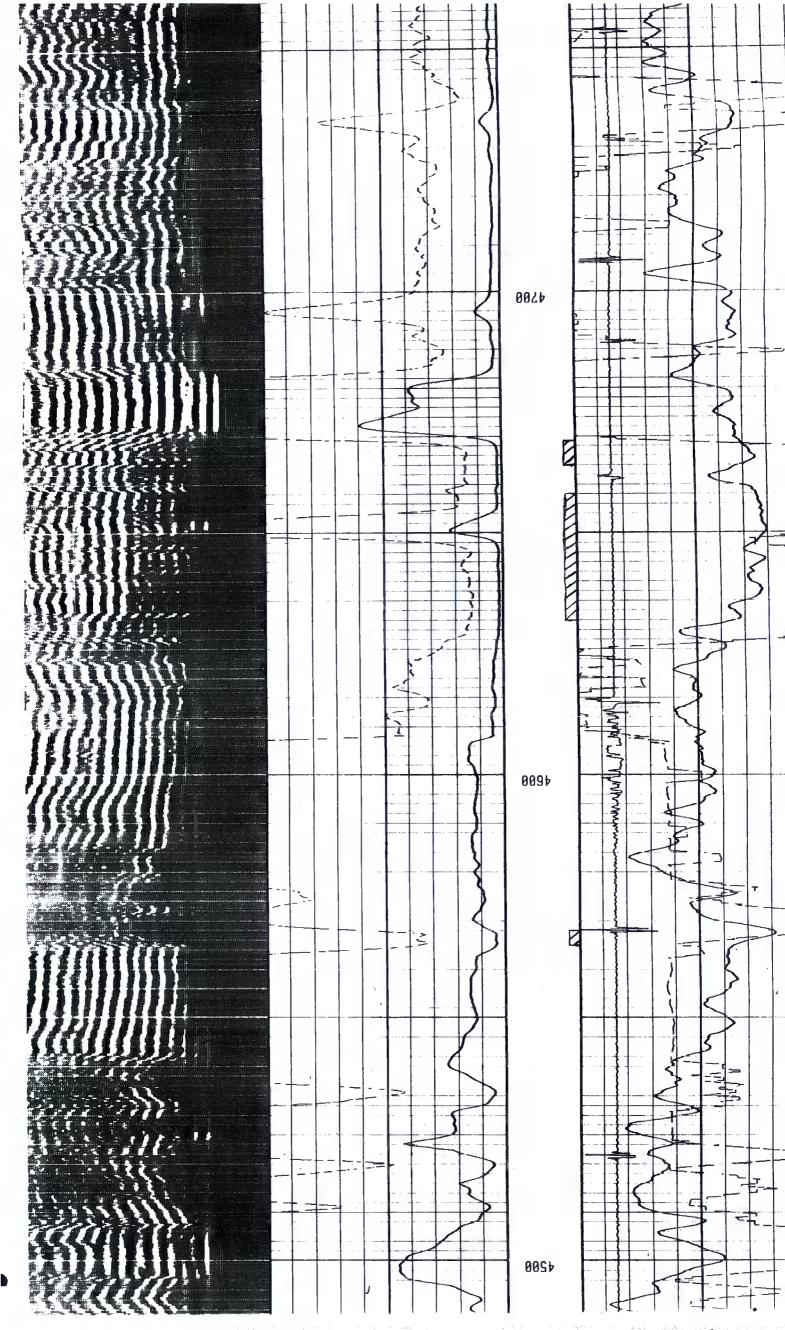
- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office. D
- Division Director Administrative Approval -- See Rule 112. C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form 2) C-107 with 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. 1)

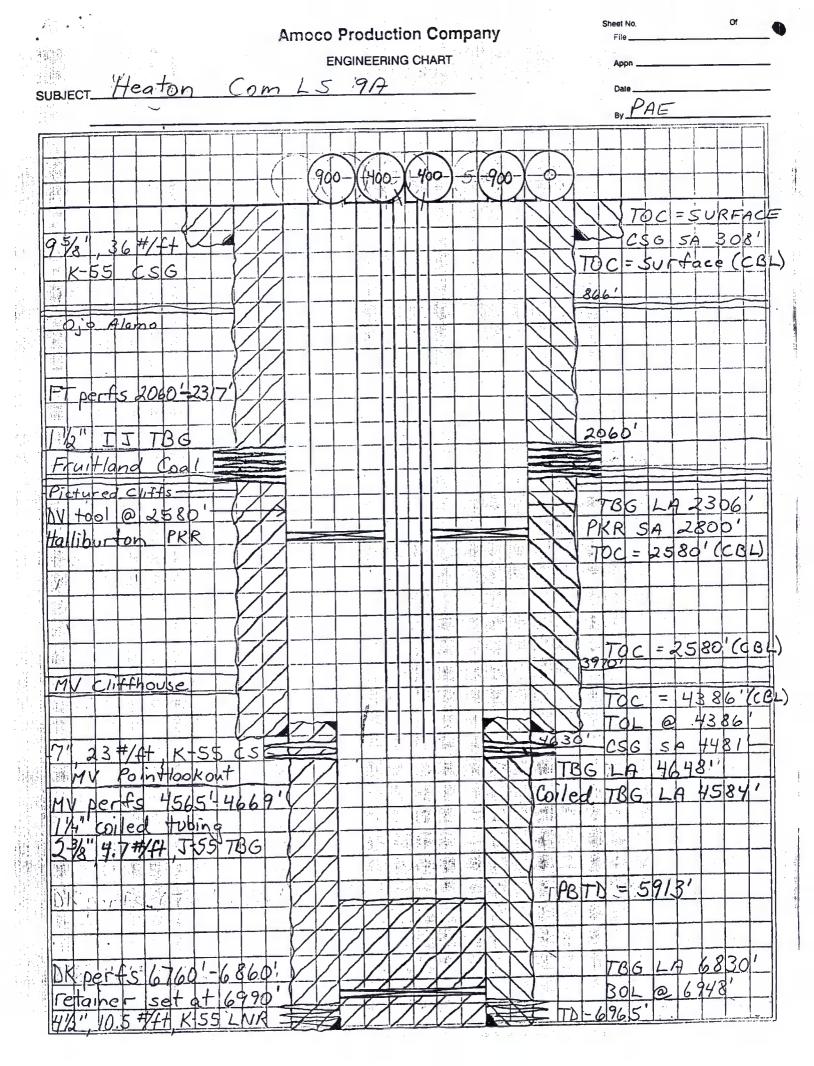
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to Appropriate	Stat	ic of New Me	exico esources Department	1. 1	Form C-102 Revised 1-1-89
Entrol UNIC	N N		ON DIVISION	a	
DISTRICT I	DUSERVE ON DIVISION 1	P.O. Box 20	88 .(	C	
	REUEIVED Samaro,	lew Mexico	87504-2088 )		
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	WEILLOCATION AL	ND ACREA	GE DEDICATION P	LAT	
1000 Rio Brazos Rd., Aztec, NM 874	All Distancos must be	from the outer	boundaries of the section	1	Well No.
Amoco Production	Company		on Com LS	10	9A
Unit Letter Section	Township	Range 11W	N	County MPM San Ju	ian
I 32 Actual Footage Location of Well:	31N				
1740 feet from the	South line and ducing Formation	1080 Pool		from the East	Dedicated Acreage:
5815 Mesa	verde		Mesaverde		320 Acres E/2
1. Outline the acreage ded	licated to the subject well by colored per	cil or hachure n	harks on the plat below.	working interest and	myalty).
2. If more than one lease	is dedicated to the well, outline each and	l identify the ow	menship thereof (both as to	Working Interest and	multivation
3. If more than one lease unitization, force-pooli	of different ownership is dedicated to th			consolidated by com	
	No If answer is "yes" ty owners and tract descriptions which have	pe of consolidation a actually been of	ion consolidated. (Use reverse	side of	
this form if noccessary.	gued to the well until all interests have t	oen consolidate	d (by communitization, uni	tization, forced-pooli	ng, or otherwise)
No allowable will be assa or until a non-standard un	gues to the web out an interest, has been ap	proved by the D	)lvision.		
				1 hereb	TOR CERTIFICATION y certify that the information
	ß			contained her	ein in true and complete to the wledge and belief.
	ß		1	4	
DECENT				Signature	
			1.	Printed Name	
MAR 21 1984.			+	Position	Kalahar
OIL CON. D	IV.			. 1)	ess Analyst
DIST. 3				Company Amoco P	rod. Co.
4				Date	16 1004
	. B			V	16, 1994 EYOR CERTIFICATION
	R				·
DRAF				V on this plat	tify that the well location shown was plotted from field notes of
	eived (		1080'	actual surve	eys made by me or under my and that the same is true and
I NUL JUN 2	8 1994		1 1000	Correct to	the best of my knowledge and
				belief.	
	N. DIV.			Date Survey	on file"
				Signature & Professional	Scal of Surveyor
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	B			Certificate	No.
				=	
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RICT I Box 1980, Hobbs, N RICT II Drawer DD, Arlesia, RICT III Rio Brazos Rd., Azt	1 88210 94 JUL 2 NM 88210	CEIVED OUS	CONSEJ P Spinta Fc, No CATION AN	d Natural Res RVÁTIOI O. Box 2088 ow Mexico 8 D ACREAGI om the oulor bo	N DIVISI	ON ON PLAT		
		All Distar		Case	0103105 01 010			Well No.
lor				Heaton	Com LS			9A .
Amoco Prod	lion CO	Township		Range			County	
I	32	31N		<u>11W</u>		NMPM	San Ji	ian
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740 fee	from the SC	uth	line and	1080 Irool		feet from	the East	Dedicated Acreage:
und level Elev. 815	Fruitl	and Coal		Basin Fi	uitland	Coal	•	.320 Acres S/2
3. If more the unitization,	n one lease of di force-pooling, e	dicated to the well, o ffereal ownership is tc.? No If ans its and tract descripti	dedicated to the	well, have the lat	erest of all owner	te pocu conto	lidated by com	munitization,
If answer is " this form if a	o" jist the owne coessary.	is and uset descript	OUL WINCH HAVE			ten untitatio	n forred-poolls	e or otherwise)
No allowable	will be assigned	to the well until all iminating such inter	interests have be ed. has been app	roved by the Div	ision.		u, 101000 poor	
MIL C	2 9 1994 ON: D Mater 3	D c	MAR2: MAR2: ML COI DIST	l 1994 V. DIV	<u>)</u>		contained her best of my know Signature Dallas Position Busine Company Amoco P	certify that the information in in true and complete to the viedge and belief. Kalahar ss Analyst rod. Co. 16, 1994
				J				YOR CERTIFICATION
			_	<u>Е</u>			JUNIT	I ON CLANING SCIENCE

Submit 3 Copies	State of New Mexi		Form C-103 Revised 1-1-89
to Appropriate Energy, I District Office	Minerals and Natural Reso	burces Department	Revised 1-1-69
DISTRICT I P.O. Box 1980, Hobbs, NM 88240		DRIFINE D	WELL API NO.
DISTRICT II	Santa Fe, New Mexico 87	504-2088	3004524988 5. Indicate Type of Lease
0100			
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410		ON. DIV	6. State Oil & Gas Lease No.
	AND REPORTS ON WI		
	LS TO DRILL OR TO DEEPER USE "APPLICATION FOR PE FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name Heaton Corn LS
. Type of Well: OIL GAS WELL SHOLL WELL	OTHER		
. Name of Operator	Attention:		8. Well No.
Amoco Production Company	Dalla	s Kalahar	9A
. Address of Operator P.O. Box 800 Denver Colo	orado 80201	(303) 830-5129	9. Pool name or Wildcat Basin DAK
. Well Location Unit Letter I : 1740 Fea	et From The South	Line and 108	0 Feet From The East Line
Unit Letter : Fet			
Section 32 To	wnship 31N Ra	inge 11W NM	IPM San Juan County
	10. Elevation (Show whethe	er DF, RKB, RT, GR, etc.)	
1. Check Appropr	iate Box to Indicate N	lature of Notice, Rep	ort, or Other Data
NOTICE OF INTENTIO	ON TO:	SUB	SEQUENT REPORT OF:
		REMEDIAL WORK	
		NEMEDIAE WORK	
		COMMENCE DRILLING O	PNS. PLUG AND ABANDONMENT
		COMMENCE DRILLING OF	
		CASING TEST AND CEM	
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JLL OR ALTER CASING         THER:       Recomp to MV & FC         2. Describe Proposed or Completed Operations work)         SEE RULE 1103.         Arnoco Production Company intends dually produce the well per the attact	(Clearly state all pertinent detail to recomplete the subject hed procedures. The exist	CASING TEST AND CEMI OTHER: Is, and give pertinent dates, ind t well into the Mesaverde ting Dakota formation wi	ENT JOB
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JLL OR ALTER CASING         THER:       Recomp to MV & FC         2. Describe Proposed or Completed Operations work)         SEE RULE 1103.         Amoco Production Company intends dually produce the well per the attack         Amoco also requests approval to con completion of this operation. This Su Yeager Com A1. This well has been         NAME CHANGE TO : HEATON COM FORMERLY: YEAGER COM A <sup>4</sup> 1.         If there any questions, please contact         I hereby certify that the information above is true SIGNATURE	(Clearly state all pertinent detail to recomplete the subject hed procedures. The exist astruct a temporary 15'x1 ndry Notice supercedes o renamed as the Heaton C LS-9% t Dallas Kalahar at 303-8	CASING TEST AND CEMI OTHER: Is, and give pertinent dates, ind t well into the Mesaverde ting Dakota formation wi 5'x5' blow pit for return ur Sundry dated August Com LS 9A. 30-5129.	ENT JOB ENT JOB Eluding estimated date of starting any proposed e and Fruitland Coal formations and be plugged and abandoned. fluids. This pit will be reclaimed upon 8, 1993 previously submitted as the <b>REGEIVE</b> JAN 31 1994 OIL CON. DIV DIST. 3
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JLL OR ALTER CASING         THER:       Recomp to MV & FC         2. Describe Proposed or Completed Operations work) SEE RULE 1103.         Amoco Production Company intends dually produce the well per the attack         Amoco also requests approval to concompletion of this operation. This Su Yeager Com A1. This well has been         NAME CHANGE TO : HEATON COM FORMERLY: YEAGER COM A <sup>#</sup> 1.         If there any questions, please contact         I hereby certify that the information above is trustion.         SIGNATURE         TYPE OR PRINT NAME         Dallast	(Clearly state all pertinent detail to recomplete the subject hed procedures. The exist astruct a temporary 15'x1 ndry Notice supercedes o renamed as the Heaton C LS 9% t Dallas Kalahar at 303-8 te and complete to the best of m	CASING TEST AND CEMI OTHER: Is, and give pertinent dates, ind t well into the Mesaverde ting Dakota formation wi 5'x5' blow pit for return ur Sundry dated August Com LS 9A. 30-5129.	ENT JOB cluding estimated date of starting any proposed e and Fruitland Coal formations and l be plugged and abandoned. fluids. This pit will be reclaimed upon 8, 1993 previously submitted as the <b>REGEIVED</b> JAN 31 1994 <b>OIL CON.</b> DIV DIST. 3 Analyst <u>10-21-1993</u> TELEPHONE NO.
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## 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.
- 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.

JAN 31 1994 OIL CON. L DIST 3 Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

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

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

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

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



# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

erator					Lesso	-				Well No.	
	rođu	ction Co	mpany		Heato	on (	Com LS			9A	•
it Letter	Soctio		Township		Range				County		
I		32	31N		11W			NMPM	San Ju	uan	
tual Footage Los									•		
1740		rom the S	outh	line and	1080			fed from	the East	line	
and level Elev.		Producir	g Formation		Pool	Mod	saverde			Dedicated Acre 320	Acres
5815	1	Mesave									Acres
			d to the subject well ficated to the well, or						ng interest and	royalty).	
			ferent ownership is o	ledicated to th	e well, have the	interes	t of all owners b		narion by com	unumuzanoa,	
unitiz	ation, fo Yes	orco-pooling, et	⊂7 ]No líans∙	ver is "ves" ly	pe of consolidati	on					
If answe	er is "po	" list the owne	rs and tract description	as which have	actually been c	oasolid	isted. (Uso reve	rse side of			
										ng, or otherwise)	
No allo	wable w	ill be assigned	to the well until all i iminating such intere	nieresus nave u d has been ar	proved by the D	ivision		(LUIGERCO)	a, 101000 pood		
or unul	I DOU-F	ADDATU MUL, CI	manating soon more	A, 10.0 0000	<u></u>				ODED A	TOR CERTIF	CATION
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<b>A</b>	6			ß		ļ		181	actual surve	ys made by m	e or under
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Sabruit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

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

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

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

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

-	
WELL LOCATION A	ND ACREAGE DEDICATION PLAT
	a sub-shared-las of the spotter

					pe trom the one					T Well No.
							TS			9A .
	on Com								County	
Soction			•		-					
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Yes No If answer is "yes" is "no" list the owners and tract descriptions which the n if necessary. wable will be assigned to the well until all interests has a non-standard unit, eliminating such interest, has been MOIL	Soction       Township       Range         32       31N       11W         ation of Well:       Ine and       1080         feet from the South       line and       1080         Producing Formation       Pool       Basin         Basin       Basin       Basin         te the acreage dedicated to the subject well by colored pencil or hachure is       re than one lease is dedicated to the well, outline each and identify the owners thing is dedicated to the well, have the ation, force-pooling, etc.?         Yes       No       If answer is "yes" type of consolidate a noir force-pooling, etc.?         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I	roduction Company       Heaton Com LS         Section       Township       Rage         32       31N       11W         ation of Well:       Ine and 1080       feet from the South         feet from the South       Ine and 1080       feet from the South         Fruitland Coal       Basin Fruitland C         ne the accreage dedicated to the subject well by colored people of a basin fruitland C         ne than one lease of different ownership is dedicated to the well, have the interiest of all owners be ation, force-pooling, etc.?         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Yes       No       If surver is "yes" type of consolidation         'r is "bo" list the owners and tract descriptions which have actually been coasolidated. (Use reverse side of a if seccesary.         wable will be assigned to the well until all interest have been coasolidated (by communulization, untilzation a non-standard unit, eliminating ruch interest, has been approved by the Division.         NMAR 21 1994       OIL CON. DW.         DIST. 3       DIST. 3	Production Company     Heaton Com LS       Socia     Towahip     Raage     County       32     31N     11W     NMUM     San_I       addor of Well:     Ine and     1080     feed from the East       Producing formation     Prod     Basin Fruitland Coal     Basin Fruitland Coal       Is the acreage dedicated to the subject well by colored poseil or bachure marks on the plat below.     To marks on the plat below.       re than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and alon, force-pooling, dea?     No       Yes     No     If answer is "yes" type of consolidated. (Use reverse ide of in a soccentry.       a non-standard unit, eliminating ruch intered, has been seproved by the Division.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     OPERA       No     If answer is "yes" type of consolidated.     If answer is "yes" type of consolidated.       No <t< td=""></t<>

iter transformer			/
Submit 3 Copies	State of New Mexi		Form C-103
to Appropriate E District Office	nergy, Minerals and Natural Res	ources Department	Revised 1-1-89
INSTRICT I	OIL CONSERVATION	RDIVISION	
P.O. Box 1980, Hobbs, NM 88240	P.O.Box 2088		WELL API NO/ 3004524988
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87 193 SE		5. Indicate Type of Lease STATE FEE X
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 874	10		6. State Ol & Gas Lease No.
SUNDRY NO	TICES AND REPORTS ON W	LGINEIII	
(DO NOT USE THIS FORM FOR PI DIFFERENT RESE	ROPOSALS TO DRILL OR TO DUPPE RVOIR. USE "APPLICATION FOR PI	OBPLUG BACK TOLA	7. Lease Name or Unit Agreement Name
. Type of Well:	C-101) FOR SUCH PROPOSE S.)	192 5 1934	Yeager Com A
OIL GAS WELL GAS WELL [	X OTHER Attention: OIL	CON. DIV.	8. Well No.
Amoco Production Company	Julie I	ADIST. 3	1
<ul> <li>Address of Operator</li> <li>P.O. Box 800</li> <li>Denver</li> </ul>	Colorado 80201	(303) 830-6003	9. Pool name or Wildcat
Well Location Unit Letter 1 : 17	40 Feet From The South	Line and10	80 Feet From The East Line
Section 32		8	IMPM San Juan County
	10. Elevation (Show wheth	er DF, RKB, RT, GR, etc.)	
	ppropriate Box to Indicate N		-
NOTICE OF IN	TENTION TO:	SU	BSEQUENT REPORT OF:
		REMEDIAL WORK	ALTERING CASING
	CHANGE PLANS		OPNS.
		CASING TEST AND CEN	
THER: Recompletion	to MV	OTHER:	
work) SEE RULE 1103.			including estimated date of starting any proposed
into the Mesa	verde formation and ta zone per the att	dually produc	ce the well with the
(maximum size	quests approval to c blow pit for r completion of thi	eturn fluids.	mporary 15'X 15'X5' This pit will be
If there are a 6003.	ny questions, pleas	e contact Juli	e Acevedo @ 303-830-
I hereby certify that the information ab	ove is true and complete to the best of m	Sr Staff A	ssistant
SIGNATURE Julia La	cheft		Sistant DATE08-23-1993
TYPE OR PRINT NAME	Julie L Acevedo		TELEPHONE NO.
(This space for State Use)			DISTRICT # 3 AUG 2 5 199
APPROVED BY		TITLE	
CONDITIONS OF APPROVAL, IF ANY:	run Brodentend ter	t prior to wo	n I I'I The ' Far
Sitty OCE	satur of CAL	remlt Km	he Braleshil test prior to m

### 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.

- ' Ibmit 5 Copics ppropriate District Office ISTRICT 1	E	inergy, l			w Mexico ral Resources De	partment		Form C-104 Revised 1-1-89 See Instructions at Rations of Page
O. Box 1980, Hobbs, NM 88240 ISTRICT II O. Drawer DD, Arlesia, NM 88210				P.O. Bo		/	OIL CONSERVE RECE	at Bottom of Page
ISTRICT III					xico 87504-208			
XXX Rio Brazos Rd., Azlec, NM 87410	REQU	EST F	OR AL	LOWAB	LE AND AUTH	IORIZAT	1090 OCT 29	AM 11 11
Operator AMOCO PRODUCTION COMPA	NV						Well API No. 30045249880	0
Address								
P.O. BOX 800, DENVER, Reason(s) for Filing (Check proper bax)	COLORAL	0 802	01		Other (Plea	se explain)		
Vew Well		-	n Transpor					
Change in Operator	Oil Casinghea		Dry Gas					
change of operator give name	Campion				s			
ad address of previous operator		CE						
I. DESCRIPTION OF WELL Lease Name YEAGER COM A	AND LE	Well No. 1			ng Formation TA (PRORATE!	GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location I Unit Letter	_ :1	740	_ Feet Fre	m The	FSL Line and	1080	Feet From The	FEL Line
Section 32 Townshi	p 31N	r 	Range	11W	, NMPM,		SAN JUAN	County
II. DESIGNATION OF TRAN	ISPORTE			D NATU	RAL GAS			in to be cent)
Name of Authorized Transporter of Oil		or Coad			Address (Give addre		approved copy of this fo	
MERIDIAN OIL INC. Name of Authorized Transporter of Casin	ghead Gas		or Dry	Gas 🛄	Address (Give addr	ss to which	approved copy of this ja	TON NM 87401
EL PASO NATURAL GAS CO If well produces oil or liquids, jive location of tanks.	MPANY Unit	Soc.	Twp.	Rge.	P.O. BOX 14 Is gas actually conn	92, EL	PASO TX 79	978
f this production is commingled with that V. COMPLETION DATA	from any ot	her lease o						la n.t. birgin.t.
Designate Type of Completion	- (X)	Oil We		Gas Well	New Well Wor	kover	Deepen   Plug Back	Same Res'v Diff Res'v
Date Spudded	Date Corr	pl. Ready	to Prod.		Total Depth		P.B.T.D.	· · · · · · · · · · · · · · · · · · ·
Elevations (DF, RKB, RT, GR, etc.)	Name of	Producing	Formation		Top Oil/Gas Pay		Tubing Dep	th
Perforations					1		Depth Casin	ig Shoe
					CEMENTING F	ECORD		A OKO OFNENT
HOLE SIZE	C	ASING &	TUBING	SIZE	DEP	TH SET	FREI	SACKS GEMENT
		<u></u>				<u> </u>	AUG2 3 19	90
V. TEST DATA AND REQUE	ST FOR	ALLO	VABLE					
OIL WELL (Test must be after	recovery of	total volu	ne of load	oil and mus	t be equal to or excee Producing Method	d top allowa (Flow, pump	OIL CON.	jer juli 24 nours.j
Date First New Oil Run To Tank	Date of 7	C04						
Length of Test	Tubing P	ressure			Casing Pressure		Choke Size	•.
Actual Prod. During Test	Оіі - Вы	8.	×		Water - Bbls.		Gas- MCF	
GAS WELL	-							Condensale
Actual Prod. Test - MCI/D	Length o	Test			Bbis. Condensate/	MMCF	Gravity of	Condensate
Testing Method (pilot, back pr.)	Tubing	Pressure (S	ihut-in)		Casing Pressure (S	hut-in)	Choke Size	2
VI. OPERATOR CERTIFI I hereby certify that the rules and reg Division have been complied with an is true and complete to the best of m	ulations of t d that the in	he Oil Conformation	given abo				SERVATION AUG 2	
DI. Mler					By	oproved	3.1) 6	hand
Signature Doug W. Whaley, Sta	ff Admi	n. Su	pervis Tide	or	Title_		SUPERVISOR	DISTRICT #3
July 5, 1990		30	3-830- Telephone	4280				

INSTRUCTIONS: This form is to be filed in complian

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.

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

jubnit 5 Copies Appropriate District Office <u>DISTRICT 1</u> (O. Box 1980, Hobbs, NM 88240		State of N Minerals and Nat	ural R	Departm			Form C- Revised i See Instr at Botton	-1-89
DISTRICT II 20. Drawer DD, Artesia, NM 88210	OILC	CONSERV/ P.O. B	<b>TION I</b> 0x 2088	DIVISIO	N			
O. Drawer DD, Artesia, NM 88210	Sa	inta Fe, New M		04-2088		Paris .		an an an an an an an an an an an an an a
000 Rio Urazos Rd., Aziec, NM 87410		OR ALLOWA				Ce -	2.1	
perator					Well /	API No.		312 Z 1439
Amoco Production Comp	any				3004	524988		
1670 Broadway, P. O.	Box 800, Denv	ver, Colorad					<u>96.</u> û	
Reason(6) for Filing (Check proper box)	Change in	a Transporter of:	Օսհ	er (Please expla	oin)			1. C. 1. C. 1. C. 1.
Recompletion		Dry Gas						,
Thange in Operator	Casinghead Gas							
change of operator give name	neco Oil E &	P, 6162 S.	Willow,	Englewoo	d, Color	cado 801	55	
. DESCRIPTION OF WELL	success and an other states and the second second						1	ise No.
.case Name YEAGER COM A	Well No.	Pool Name, Includ BASIN (DAKO	-		FEDE	RAL		0920
ocation								
Unit LetterI	. 1740	_ Feet From The FS	SL Lin	e and 1080	Fe	et From The	FEL	Line
Section 32 Townshi	in 31N	Range 11W	. NI	мрм,	SAN J	UAN		County
I. DESIGNATION OF TRAN lame of Authorized Transporter of Oil	SPORTER OF O	nanta	Address (Giv	e address to wh	ich approved	copy of this for	m is to be sen	1)
CONOCO				X 1429,		a starts where a		
lame of Authorized Transporter of Casin		or Dry Gas		e address to wh				1)
EL PASO NATURAL GAS CO well produces oil or liquids,	Unit Soc.	Twp. Rge.		X 1492, y connected?	EL PASO When		2/0	
ve location of tanks.			ļ					]
this production is commingled with that V. COMPLETION DATA						Plug Back	Frank Rasht	Diff Res'v
Designate Type of Completion	- (X)	I Gas Well	New Well	Workover	Deepen	Plug hack	MARIC ACE V	
Date Spudded	Date Compl. Ready to	o Prod.	Total Depth			P.B.T.D.		
levations (DF, RKB, RT, GR, etc.)	Name of Producing F	ormation	Top Oil/Gas	Pay		Tubing Depth		
erforations						Depth Casing	2µ0¢	
	TUBING	, CASING AND	CEMENTI	NG RECOR	D			
HOLE SIZE	CASING & T	UBING SIZE		DEPTH SET		S	ACKS CEME	NT
		,						
. TEST DATA AND REQUE	ST FOR ALLOW	ARLE				]		
IL WELL (Test must be after 1	recovery of total volume	of load oil and mus	t be equal to or	exceed top allo	wable for thi	s depth or be fo	r full 24 how.	r.)
Date First New Oil Run To Tank	Date of Test		Producing M	ethod (Flow, pu	omp, gas lýt, e	ic.)		
ength of Test	Tubing Pressure		Casing Press	Jre		Choke Size		
						Gas- MCF		
Actual Prod. During Test	Oil - Ibls.		Water - Bbla			Gas- MCL		
CACWELL			1					
	Length of Test		Bbis. Conder	nate/MMCF		Gravity of Co	ondensate	
Actual Prod. Test - MCF/D							ondensate	
Actual Prod. Test - MCF/D	Length of Test Tubing Pressure (Shu	u.in)	Bbis. Conder Casing Press			Gravity of Co Choke Size	indensate	
extual Frod. Test - MCF/D exting Method (prior, back pr.) /I. OPERATOR CERTIFIC 1 hereby certify that the rules and regu	Tubing Pressure (Shu CATE OF COMI nations of the Oil Conse		Casing Press		ISERV	Qiuke Size		N
extual Frod. Test - MCF/D exting Method (prior, back pr.) /I. OPERATOR CERTIFIC I hereby certify that the rules and regu Division have been complied with and	Tubing Pressure (Shu CATE OF COMI lations of the Oil Conse that the information giv		Casing Press	uire (shul-in) DIL CON		Chuke Size	DIVISIO	N
ectual Prod. Test - MCI7D exting Method (pilos, back pr.) /I. OPERATOR CERTIFIC 1 hereby certify that the rules and regu	Tubing Pressure (Shu CATE OF COMI lations of the Oil Conse that the information giv		Casing Press	ure (Shul-in)	d	Chuke Size ATION E MAY 08	DIVISIO	N
Actual Prod. Test - MCF/D exting Method (prior, back pr.) /I. OPERATOR CERTIFIC I hereby certify that the rules and regu Division have been complied with and is true and complete to the best of my Q. J. Man	Tubing Pressure (Shu CATE OF COMI lations of the Oil Conse that the information giv		Casing Press	uire (shul-in) DIL CON	d	Chuke Size	DIVISIO	N
Actual Prod. Test - MCF/D eating Method ( <i>prior, back pr.</i> ) VI. OPERATOR CERTIFIC I hereby certify that the rules and regu Division have been complied with and is true and complete to the best of my Or A. Markow Signature	Tubing Pressure (Shu CATE OF COMI lations of the Oil Conse that the information giv knowledge and belief.	PLIANCE rvation ven above	Casing Press	uire (shul-in) DIL CON	d	Chuke Size ATION E MAY 08		
Division have been complied with and is true and complete to the best of my J. J. J J	Tubing Pressure (Shu CATE OF COMI lations of the Oil Conse that the information give knowledge and belief. Man r. Staff Admi	PLIANCE rvation ven above	Casing Press	DIL CON	d	ATION E MAY 08		

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.

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

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



÷i.

NOTICE OF GAS CONNECTION

DATE June 30, 1983

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

GAS FROM	o Oil Company Operator	Yeager Com A Wel	#1 I Name
94-637-01 Meter Code	27333-3-01	I Well Unit	<u>32-31-11</u> S-T-R
Basin Dakota	Pool		al Gas Company of Purchaser
WAS MADE ON	rch 22, 1983 Date	FIRST DELIVERY	June 2, 1983 Date
AOF2364			

CHOKE 1966

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

El Paso Natural Gas Company Purchaser Leiso

Representative

Coordinator Production San Juan Title



San Juan

Jennew 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> 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





NO. OT COPIES RECEIVED	Form C-103
DISTRIBUTION	Supersedes Old C–102 and C–103
NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
LE	
s.g.s.	Sa. Indicate Type of Lease
AND OFFICE	
PERATOR	5. State Oll 6 Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	
USE "APPLICATION FOR PERMIT =" (FORM C-TOTY FOR SOCH THE CORDER)	7. Unit Agreement Name
DIL GAS X DTHER-	
WELL WELL OTNER-	8. Farm or Lease Name
Tenneco Oil Company (303) 740-2584	Yeager Com A
	9. Well No.
Address of Operator	1
Box 3249, Englewood, CO 80155	10. Field and Pool, or Wildcat
Location of Well	Basin Dakota
UNIT LETTER I 1740 FEET FROM THE South LINE AND 1080 FEET FROM	
THEEast LINE, SECTION 32 TOWNSHIP 31N RANGE 11W NMPM	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	San Juan
5815' GR	
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
NOTICE OF INTENTION TO: SUBSEQUEN	T REPORT OF:
ERFORM REMEDIAL WORK	ALTERING CASING
EMPORARILY ABANDON	PLUG AND ABANDONMENT
ULL OR ALTER CASING	
OTHER	
Notice of Production	
	the first state and state
(0) I we all a second details and size pertinent dates, including	estimated date of starting any proposed

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1903.

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

DIL CON. DIV. DIST. 3

APPROVED BY Fruch? Our		JUN 1 3 1903
B. I hereby dertify that the information above i	John Orr TITLE Production Analyst	June 6, 1983
	the best of my knowledge and belief.	

	NO. OF COPIES REC	Elvip .															
ł	DISTRIBUTE													-			
-	SANTA FE			1		NEW				ATION CO		SION			m C-104 ersedes		-104 and C-11
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	Address P. O. B	ox 3249	, Enc	glewo	od, (	20'~8	30155	SANTA	FE			explain)	KPR	MACIN			
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	DESCRIPTION ( Lease Name Yeager Location	<b>DF WELL</b> Com A	AND 1		Well No.	1	Basin	Dakot	a		MPM,	State, Fee	teral or F				Lease No. County
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STATE OF NE						. /		. \		rised 10-1-78	
ND. OF COTICE ACCE		IMENI	OIL	CONSER	VATION	DIVI	SION		Sa. Indicate	Type of Lease	
DISTRIBUTIO		T		P. O.	BOX 2088		·		State		X
SANTA FE		+	SA	NTA FE, N	EW MEXIC	:0 875	501		-	& Gas Lease No.	
FILE											
U.S.G.S.		WEL	L COMPLE	TION OR RE	COMPLET	ON RE	PORT	ND LOG	mm	mmm	m
LAND OFFICE						P. C. P. C.	ALCONOMIC TIME	"a-y L			IIII.
OPERATOR						C SEP.C	1 607			eement Name	7717.
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Tennec	o Oil (	Company			1.				1		
dress of Operator					1. S. S. S. S. S. S. S. S. S. S. S. S. S.					nd Pool, or Wildcat	
P. O. B	ox 3249	9, Engle	ewood, CO	80155		and the second of			Basin	n Dakota	
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											11111
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otal Depth		21. Plug Bo			ltiple Compl., 1			ils , Rotary	y Tools	, Cable Tools	
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roducing Interval(	c) of this			Name						25. Was Directional	Survey
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		-								as Well Cored	
ype Electric and ( None	Jiner Logs	Hun							27. "	No	
None											
			CAS	SING RECORD (	Report all strir	igs set in	n well)				
CASING SIZE	WEIG	HT LB./FT	. DEPTH	SET	HOLE SIZE		CEMEI	TING RECO	DRD	AMOUNT PUL	LED
9-5/8"		36#	308'	кв 1	2-1/4"	305	sx Cl-	B			
7"		23#	4481'	КВ	8-3/4"	lst:	95sx	<u>С1-В, 15</u>	0sx Cl-E	3 neat	
						2nd:	295sx	C1-B, 1	50SX C1-	-В	
						<u> </u>					
		LINE	RRECORD			3		T	UBING RECO	ORD	
SIZE	TOF		BOTTOM	SACKS CEMEN	NT SCREE		SIZE		PTH SET	PACKER S	ÉT
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						•					
rforation Record	(Interval,	size and num	nber)	a series	32.	ACID,	SHOT, F	RACTURE, (	CEMENT SQL	JEEZE, ETC.	
6760-64 'KB	2 .	JSPF (29	9'' - 58 h	oles)	DEPT	H INTE	RVAL	AMOU	NT AND KIN	D MATERIAL USE	D
6812-28'KB					6760-	-6860 <b>'</b>	KB	1200 gal	. 15% wto	1 HCL & 87 1	.1 SG
6851-60'KB			MAY 1.8	1640 11				ball slr	s. 60,00	00 gal 70% q	uality
			MALLO	10496.				foam & 1	11,500#	20/40 sand	1
		pt of the here the second second second	North Contraction	Survey Con							
			and the second s		ODUCTION						
First Production		Production	Method (Flor	ving, gas lift, p		and type	pump)		Well Status	(Prod. or Shut-in)	
3/23/82			Flowing						Shut	-in	
of Test	Hours Te	sted	Choke Size	Prod'n. For	Oil - Bbl.		Gas - MCF	Water	r – Bbl.	Gas - Oil Ratio	
4/5/82		3	3/4"	Test Period			296			•	
Tubing Press.	Cast 1	Pressure	Calculated 24	- OII - Bbl.	Gas	- MCF	Wo	ter – Bbl.	100	Grovity - API (Cor	(r.)
162 psi	648		Hour Rate			2364	"0			= AF1100	
	1		>	·				1	W(4		
To be sold		t for fuel, ve	ented, etc.)					l'est	Witnessed B	Y	
st of Attachments											
None					•						
hereby certify that	t the inform	nation show	n on both side	s of this form is	true and comp	lete to th	e best of	my knowledg	e and belief.		
1										~	1
1)	1 1. 1 1	. 11	leson	<u> </u>	Producti	on An	alyst		4	4/8/82	
GNED _	ma	e w	aun	TITLE_					DATE		
	1										

#### 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 exception 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

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	nhy T. Canyon alt T. Strawn					-					n. "B"_			
									0.04	201		n. "C" _		
									ls230	201	T. Pen	n. '''D'' _		
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NO. OF COPIES RECEIVED DISTRIBUTION ANTA FE ILE S.G.S. AND OFFICE PERATOR	Form C-103 Supersedes Old C-102 and C-203 Effective -1-65 Sa. Indicate/Type of Lease State Fee. X 5. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
DIL GAS WELL OTHER-	8. Farm or Lease Name
Tenneco Oil Company	Yeager Com A
Address of Operator P. O. Box 3249, Englewood, CO 80155	9. Well No. 1
Location of Well	10. Field and Pool, or Wildcat Basin Dakota
UNIT LETTER I . 1740 FEET FROM THE South LINE AND 1080 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 31N RANGE 11W NMPM 15. Elevation (Show whether DF, RT, GR, etc.) 5815' ground	
6. Check Appropriate Box To Indicate Nature of Notice, Report of Ot NOTICE OF INTENTION TO: SUBSEQUEN	her Data T REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING CHANGE PLANS COMMENCE DRILLING OPNS OTHER	ALTERING CABING
<ul> <li>7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includin work) SEE RULE 1703.</li> <li>3/6/82 - TD 8-3/4" hole @ 10:15 A.M. on 3/5/82. SHT trip, no fill, drill pipe and DC. RU and run 106 jts 7" 23# K-55 csg (4498') w/floc @ 4481', FC @ 4434', stage tool @ 2580'. Circ 30 min. Cmt 1st stage D-79 and 150 sx Cl-B neat, all preceded by 20 bbl CW-100. PD @ 140 excess cmt. Open stage tool, circ 4 hrs. Cmt 2nd stage w/295 sx B and 150 sx B + 1/4#/sx D-29, all preceded by 20 bbl CW-100. PD w/30 Circ 10 bbl excess cmt. Set slips, cutt off. NUBOP.</li> <li>3/7/82 - Press blinds and manifold 1000 ps, ok. TIH. Drill stage ok. TIH, drill float and cmt, blow hole dry, drill 5'. Blow well, 3/6/82.</li> <li>3/8/82 - Drilling. APR &amp; 1962</li> <li>3/8/82 - Drilling. APR &amp; 1962</li> <li>3/8</li> <li>3/8/82 - Drilling. APR &amp; 1962</li> <li>3/8</li> <li>4/8</li> <li>4</li></ul>	circ 1 <sup>1</sup> / <sub>2</sub> hrs. Lay down at (equ) and stage tool e w/95 sx C1-B + 2% 0 psi. Good Circ, no + 2" D-79 + $1/4\#/sx D-29$ 00 psi @ 3 A.M. 3/6/82. tool, test to 1500 psi,
18. I hereby certify that the information above is true and complete to the best of my andwedge and beller.	DATE4/5/82
Denise wilson	APR 9 1982
CONDITIONS OF APPROVAL, IF ANY:	

•	
	Form C -103
NO. OF COPIES RECEIVED	Supersedes Old
DISTRIBUTION NEW MEXICO OIL CONSERVATION COM	C-102 and C-103 (ISSION Effective 1-1-65
SANTA FE NEW MEXICU OIL CONSERVATION COMM	
U.Ş.G.S.	5a. Indicate Type of Lease
	State Fee X
OPERATOR	5. State Oil & Gas Lease No.
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	RESERVOIR.
1. OIL GAS X OTHER-	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
Tenneco Oil Company	Yeager Com A
3. Address of Operator	9. Well No.
P. O. Box 3249, Englewood, CO 80155	1
4. Location of Well	10. Field and Pool, or Wildcat Basin Dakota
UNIT LETTER I 1740 FEET FROM THE South LINE AND 10	30 PEET FROM DASIN DANULA
THE East LINE, SECTION 32 TOWNSHIP 32N RANGE	<u></u> NMPM. ())))))))))))))))))))))))))))))))))))
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
Self ground	San Juan
16. Check Appropriate Box To Indicate Nature of Notic	e. Report or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	
PULL OR ALTER CASING	orate, acidize, fracture treat X
OTHER	the liter and data of starting any proposed
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give perti- work) SEE RULE 1 103.	
3/20/82 - RIH w/balance of tbg. Drilled to PBTD @ 6925'.	Pressure test cst to 3500 psi.
Circ bool w/19 KCL water Pulled up 1 stand. Bottom of t	bg @ 6860'.
2/22/02 - Spotted 500 gale 75% DI-HCL @ 5860'. POOH W/tbc	RU wireline unit. Ran GR/CCL
Perf'd Dakota @ 2 $ISPF \cdot 6760-64'$ . $6812-28'$ , $6851-60'$ (29'	- 58 holes). Break down peris e
1700 pci Ectab rate, 20 BPM @ 1700 psi, ISIP: 750 psi,	Acidized W/1200 gais 15% weighted
HCL and 87 1.1 spec grav ball sealers. Acid away: 20 BPM	a 1300 psi. Ball oli complete.
Round tripped junk basket to PBTD. Recovered 87 balls. F guality foam and 111,500# 20/40 sand. AIR: 24 BPM, AIP: 3	100 psi Shut in 2 hrs. Flowed
back thru 1/2" choke. Left flowing overnight.	100 psi. Bilde in 5 mot least
3/24/82 - PTH w/thg seating nipple and pump out plug. Ta	gged sand fill @ 6862'. Clean out
to PBTD w/foam. Killed and landed tbg @ 6830'. NDBOP. N	NUWH. RDMOSU. Kicked well around
w/N2. Left flowing.	
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	1 But Philade
APR 20 1982	AD
APR & BOOL	CARA 44
CIL CONSERVATION DIVISION	4 Ope. 1995
SANTA FE	Alor Cons
18. I hereby certify that the information above is true and complete to the best of my knowledge a	Ja Denter 44 13 44
SIGNED Non M. Morrison TITLE Production 2	Analyst JATE 3/29/82
SUPERVISOR DISTR	ICT # 3
Ful (Chan ) SUPERVISOR DISTR	DATEAPP 1
APPROVED BY	ICT # 3
CONDITIONS OF APPROVAL, IF ANY:	

NO. OF COPIES RECEIVED			Form C-1/03 Supersedies Old
DISTRIBUTION			C-102 and C-103
SANTAFE	NEW MEXICO DIL CO	NSERVATION COMMISSION	Effective 1-1-65
FILE			5a. Indicate Type of Lease
U.S.G.S.			State Fee X
			5. State Oil & Gas Lease No.
OPERATOR			
	NOTICES AND REPORTS C	ON WELLS G BACK TO A DIPPERENT RESERVOIR. SUCH PROPOSALS.)	7. Unit Agreement Name
OIL CAS WELL X	OTHER-		7. Ont Agreement Nume
2. Name of Operator			8. Farm or Lease Name
Tenneco Oil Company			Yeager Com "A"
3. Address of Operator			9. Well No.
P. O. Box 3249, Engle	awood CO 80155		I
4. Location of Well	wood, co ooiss		10. Field and Pool, or Wildcat
UNIT LETTER I 174	10 South	1080	Basin Dakota
UNIT LETTER	FEET FROM THE	LINE AND FEE	
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THELASL LINE, SECTION _	TOWNSHIP	RANGE	
	15. Elevation (Show wheth	her DF, RT, GR, etc.)	12. County
	5815' GR		San Juan
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NOTICE OF INT			UENT REPORT OF:
· · · · · · · · · · · · · · · · · · ·	PLUG AND ABANDON		ALTERING CASING
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TEMPORARILY ABANDON	CHANGE PLANS	CASING TEST AND CEMENT JOB	
PULL OR ALTER CASING	CHANGE FEARS	OTHER	
	Г		
OTHER			
17. Describe Proposed or Completed Operation	ations (Clearly state all pertinent of	details, and give pertinent dates, in	cluding estimated date of starting any proposed
work) SEE RULE 1703. 3/1/82 - MIRURT. Spu ST&C. Landed @ 308'.		s rig #7. RU and run	7 jts 9-5/8" 36# K-55
		/4# sx celoflake. Ci	rc 10 bbl cmt. NUBOP.
3/9/82 - Reached T.D.	. 3/8/82. RU and run	61 jts 4-1/2" 10.5#	K-55 ST&C. Set @ 6948'.
TOL 4386', LC @ 6908' B. Reverse out 12 bb		lite + .4% retarder +	.6% D-19. Tail w/150sx
3/10/82 - Rig release	ed 3/9/82.	· .	and the second se
	- THE		<b>G</b> RIFIEN
	1 13/12/		
	1 March		MADO
	Eso the new		MAR 2 5 1982
	19the	Kelon OI	L CON. COM.
	AN BR	UNIS.	DIST. 3
	APTIMI		
	111 CERVITA FE		and the second sec
	APR & 1982 HAPR & 1983 HAPR &		
18. I hereby certify that the information al	bove is true and complete to the be	st of my knowledge and belief.	
			2/10/02
BIGNED Jon VI. Monuson	A TITLE	Production Analyst	DATE <u>3/19/82</u>
3-170	Jun / TITLE	SUPERVISOR DISTRICT 开 3	MAR 25 1982
APPROVED BY	- <u>y</u>		- 10UZ
CONDITIONS OF APPROVAL, IF ANY:	~		

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Tenneco Oil Company       Yeager Com "A"         Address of Operator       9. Well No.       1         P. O. Box 3249, Englewood, CO 80155       1         Location of Well       10. Fleid and Peal, or Wildow         WH LITTER       1       1740         rest status       32       rowship       31N         rest East       10. Fleid and Peal, or Wildow       Basin Dakota         The East       10. Fleid and Peal, or Wildow       Basin Dakota         The East       11. Transferrer       32       rowship       31N         The East       11. Stervation (Show whether DF, RT, GR, etc.)       San Juan       San Juan         Stell' ground       Subscuent REPORT oF:       Subscuent REPORT oF:       San Juan         Check Appropriate Box To Indicate Nature of Notice, Report or Other Data       Notice OF INTENTION TO:       Subscuent REPORT oF:         Steames text Anaton       Charge Flave       Attrained casins       Flue and Abandow       San Juan         Towsheet Brance Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting ony proposed or wing state all pertinent details, and give pertinent dates, including estimated date of starting ony proposed or No.         Towsheet Brance Completed Operational (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting ony	Tenneco 011 Company       Yeager Com "A"         Address of Operation       9. Woll No.         P. O. Box 3249, Englewood, CO 80155       1         Unit Letters of Well       10. Field and Pool, or Wildow         Data Letter of Well       10. Field and Pool, or Wildow         Data Letter of Well       10. Field and Pool, or Wildow         Data Letter of Well       11. Field and Pool, or Wildow         Data Letter of Well       12. County         Statistic of Well       12. County         Statistic of Well       11. County         Statistic of Neuronal Show whether DF, RT, CR, etc.)       12. County         Statistic of Neuronal Show whether DF, RT, CR, etc.)       12. County         Statistic of Neuronal Show Tenter Tool       Samptonian         Check Appropriate Box To Indicate Nature of Notice, Report or Other Data       Subsecuent report or P:         Neuronal Show Tenter Tool       Samptonian       Samptonian         Samptonian Of approval       X       Samptonian       Attentio come         Samptonian Of approval       X       Samptonian Show Tenter Tool       Samptonian Show Tenter Tool         Samptonian Of approval       X       Samptonian Show Tenter Tool       Samptonian Show Tenter Tool         Samptonian Of approval       Samproval on the Application for Permit       Samp		OTHER.	8. Farm or Lease Name
Address of Operator P. O. Box 3249, Englewood, CO 80155 1. Location of Well with Letters I	Address of Operator       9. Well No.         P. O. Box 3249, Englewood, CO 80155       1         Location of Well       1         UNIT LITTER       I         1740       retr resource         South       Live Ano         1000       retr resource         South       Live Ano         1000       retr resource         Sam Juan       32         To retr resource       Sam Juan         110.       East         111.       Sam Juan         Sam Juan       Sam Juan <tr< td=""><td></td><td></td><td></td></tr<>			
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8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	An Il Huise 12/1/81		EKPIKES	CON. COM
	An Il Huise 12/1/81	8. I hereby certify that the information	above is true and complete to the best of my knowledge and belief.	
	Production Analyst 12/1/81			

SIGNED DOWN H. MOTTISON	TITLE	Production Analyst	DATE_	12/1/81	
APPROVED BY Full Cham	TITLE	SUPERVISOR DISTRICT # 3	DATE	DEC 7	1981
CONDITIONS OF APPROVAL, IF ANY:					

BUCH STREAM TO A CONSERVATION COMMISSION     BUC-12     BUCH STREAM TO COMPANY AND COMMISSION     BUCH STREAM TO DUILL CONSERVATION COMMISSION     BUCH STREAM TO DUILL CONSERVATION COMMISSION     BUCH STREAM TO DUILL CONSERVATION COMMISSION     BUCH STREAM TO DUILL DEEPEN, OR PLUG BACK     Top of New     DUILL X     DEEPEN PLUG SACK     Top of New     Top of New     Top of New     DUILL X     DEEPEN PLUG SACK     Top of New	DISTRIBUTION ANTA FE FILE J.S.G.S. AND OFFICE OPERATOR APPLICATION Type of Work DRILL X OIL GAS WELL CAPERATOR DRILL X OIL CAPERATOR	) ompany , Englewo	RMIT TO	DRILL, DEEPEN, 0 DEEPEN 80155 ATED	OR PLUG BACK PLUG B SINGLE MULT	Pb Re 5. .5, .7. ACK	rm C-101 pyised 1-1-65 A. Indicate T STATE	Ype of Lease PEE X Gas Lease No. hent Name tae Name	
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Name of Operator       9. Well No.         Tenneco 0.12 Company       10. Flad and Pol, or Wildowi         P.O. Box 3249, Englewood, CO 80155       10. Flad and Pol, or Wildowi         Decision of Well wert terres       I. Locarco         1080       ret result inte       E         10       E       Interret         10       Interret       E         11       Proported E         12       %	Name of Operator Tenneco Oil C Address of Operator P.O. BOX 3249 Location of Well	ompany , Englewo	LOC	ATED 1740	· · · · ·	9.	. Well No:		
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12. County         San Juan         San Juan         110. Proposed Depth         111. Render DR.R1. etc.)         21. Reder or C.1.         ±7000'         Dakota         Cround 5815'         Blanket         PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE         SIZE OF CASING AND CEMENT PROGRAM         APROYAL VALD         For SIZE SIN SIMULESS         OHOL HONG SIZE SININERSS	D 1080 PEET PROD	THE E		E OF BEC. 32 TH			(11841)X	1111111111111111111111111111111	
12. County         San Juan         13. County         San Juan         14. County         San Juan         15. Developed Depth         14. Restation         20. Roldery or C.T.         ±7000'         Dakota         Restationer (Show whether UK RL) etc.)         21. R. Kind & Status Play, Boad         21. Deline Control         Dakota         Coround 5815'         Dakota         PEOPOSED CASING AND CEMENT PROCAM         SIZE OF HOLE         SIZE SIG SIG AND CONCOLOR         Proved Size Size Size Size Size Size Size Size				initianiti initianiti initianiti initianiti initianiti initianiti initianiti initianiti initianiti initianiti i	WP. 31N RGE. 11		INAAIII.	//////7777/////	
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±7000'       Dakota       Rotary         Ground 5815'       21A. Klid & Status Plug. Bond       21B. Drilling Contractor       22. Approx. Date Work will start         Ground 5815'       Blanket       Four Corners       22. Approx. Date Work will start         June, '81         PROPOSED CASING AND CEMENT PROGRAM         Size of ASING WEIGHT PER FOOT       Serving DEPTH       SACKS OF CEMENT       EST. TOP         12 ¼"       9 5/6" new       36#       43001       Clicculate to       10.5         3 3/4"       7" new       23#       +36001       Clicculate to       10.5         6 ½"       4½" new       10.5#       ±7000'       11.0mer top       10.5#         See attached drilling procedure.         The gas is dedicated.         DION         DION         APROYAL VAUD         APROYAL VAUD         APROYAL VAUD         APROVAL VAUD         DION         DION         DION         DION         DION         DION         DION <td cols<="" td=""><td></td><td></td><td></td><td>HHHHHH</td><td></td><td></td><td>iiiiii</td><td>iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</td></td>	<td></td> <td></td> <td></td> <td>HHHHHH</td> <td></td> <td></td> <td>iiiiii</td> <td>iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</td>				HHHHHH			iiiiii	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
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1214. KLM & Status       214. KLM & Status       218. Drilling Contractor       22. Approx. Data Work will start         Ground 5815'       Blanket       Four Corners       June, '81         PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH SACKS OF CEMENT       EST. TOP         12 4"       9 5/8" new       36#       +300.°       Circulate to       EST. TOP         12 4"       9 5/8" new       23#       +3600.°       Circulate to       EST. TOP         8 3/4"       7" new       10.5#       ±7000°       Circulate to       IIIner top         See attached drilling procedure.         FOR SETING DEPTH SACKS OF CEMENT         APPROVAL VAUD         APPROVAL VAUD         FOR SETING COMMENCED,         APPROVAL VAUD         FOR SETING COMMENCED,         EXMINES         Set attached drilling coarded if proceedule is to bespen of place acts, site part of proceedule is to the best of my knowledge and ballet.         APPR 2 1981         FORMULES DESCRIPT PROCEED PROCEED INCORRAIN, IF ANT         Set DESCRIPT PROCEED PROCEED INCORRAIN, IF ANT         Set DESCRI					±7000'	Dakota		Botary	
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Size of HOLE       Size of CASING       WEIGHT PER FOOT       SETTING DEPTH       SACKS OF CEMENT       EST. TOP         12 %"       9 5/8" new       36#       ±300!       Circulate to       Circulate to         8 3/4"       7" new       23#       ±3600!       Circulate to         6 %"       4%" new       10.5#       ±7000!       Circulate to         See attached drilling procedure.			2101		1 dur dormorb	1	·	1 01	
12 ½"       9 5/8" new       36#       +300"       Circulate to         8 3/4"       7" new       23#       +3600"       Circulate to         6 ½"       4½" new       10.5#       ±7000"       Circulate to         See attached drilling procedure.       Inner top       APROVAL VALID       APROVAL VALID         The gas is dedicated.       0 1001       APPROVAL VALID       APR 2 1981         OIL OWNER       FOR 10 1448 UNLESS       OIL OWNERCED,       APR 2 1981         EXPRES       10-2-81       OIL OWNERCED,       Inter top         EXPRES       10-2-81       ONMENCED,       Inter top         Inter top       The solution above if true and complete to the best of my knowledge and belief.       Onmenced top         Ti			P	ROPOSED CASING AND	CEMENT PROGRAM				
8 3/4"       7" new       23#       +3600'       Circulate 20         6 ½"       4½" new       10.5#       ±7000'       Circulate to         See attached drilling procedure.         The gas is dedicated.       0 1001         APPROVAL VALID       APPROVAL VALID         APPROVED BY       COMMENCED,         APPROVED BY       COMPARTMENT PROPOsed Lis to DESERT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE AND PRO	SIZE OF HOLE	SIZEOF	CASING	WEIGHT PER FOOT	SETTING DEPTH			EST. TOP	
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ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN ON PLUE BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC E ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. Broby certify that the information above is true and complete to the best of my knowledge and belief. Title Senior Production Analyst Date March 23, 1981 (This space for State Use) PROVED BY Joint Way TITLE DATE DATE APR 21981		(	APPRO	VAL VALID		L CON			
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	ned M. A. Midh	ER PROGRAM, I				Dai		<u> </u>	
NDITIONS OF APPROVAL, IF ANY:	ned M. A. Midh	ER PROGRAM, I					AP	<u> </u>	
	ned A Mich (This space for PROVED BY South	en procham, i on above is tri Willer State Use;					AP	<u> </u>	

STATE OF NEW MEXICO IGY AND MINERALS DEPARTMENT

# OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

				Lease				Well No.	
)perator									
TENNECO OIL	COMPANY			YEAGER CO	M "A"				
Jnit Letter	Section	Township		Range		County			
I	32	31N		11	W	San	Juan		
Actual Footage Loca	ation of Well:								
1740	feet from the	South	line and	1080	fee	t from the	East	line	
Fround Level Elev:	Producing	Formation		Pool	DAVE	=1		Dedicated Acreage:	1
5815	DAKO	TA		BASIN	DAKO	TA		520	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

- 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

If answer is "yes," type of consolidation COMMUNITIEATION X Yes No No

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	1			CERTIFICATION
	L COLE SOCIA FE	OIL	NED 2 1981 ON. COM. DIST. 3	I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. Marke Position Company Date
		32 Теппесо ź. Солосо ź SF 078097	El Paso Natural Mar Co. 100% @ 1080'	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
Телиесо ± Солобо ± SF078091	Fee Tenneco 2 Convoco 2		1072I Fee	Date Surveyed December 1980 Proceed proneation Engineer Ind Iand Surveyor Ind Iand Iand Iand Iand Iand Iand Iand I
	Scale: 1"	=1000*		EOBM 24-11

Form C-102



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

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

VILLAGRA BUILDING - 408 Galistoo Forestry and Resources Conservation Division P.O. Box 1948 87504-1948 827-5830 Park and Recreation Division P.O. Box 1147 87504-1147 827:7465

2040 South Pacheco

Office of the Secretary 827-5950 Administrative Services 827-5925 Energy Conservation & Management 827-5900 Mining and Minerals 827-5970 Oil Conservation

827-7131

Page:	1	Document	Name:	untitled	

CMD :ONGARD11/19/02 09:03:05OG5SECTINQUIRE LAND BY SECTIONOGOMES -TPEY<br/>PAGE NO: 1

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

D	C	B	A
40.00	40.00	40.00	40.00
			CS
			E00397 0002
Fee owned	Fee owned	Fee owned	SOUTHLAND ROYALT
		C	C 06/11/55
		A	i
Е	F	G	H
40.00	40.00	40.00	40.00
			CS
			E00397 0002
Fee owned	Fee owned	Federal owned	SOUTHLAND ROYAL
		C	C 06/11/55
	AA	A	
			_
F01 HELP PF	02 PF03 EXIT	PF04 GoTo PF05	PF06
F07 BKWD PF	08 FWD PF09 PRINT	PF10 SDIV PF11	PF12

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 ONGARD
 11/19/02 09:03:10

 OG5SECT
 INQUIRE LAND BY SECTION
 OGOMES -TPEY

 Sec : 32 Twp : 31N Rng : 11W
 Section Type : NORMAL
 PAGE NO: 2

L	K	J	I
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Federal owned	Fee owned
		C	C
		A	A
M	N	0	  P
40.00	40.00	40.00	40.00
		Dee ermed	
Federal owned	Fee owned	Fee owned	Fee owned
A		C	C
	<u>i</u>	İ	Ì
01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
07 BKWD PF08 FV	VD PF09 PRINT	PF10 SDIV PF11	PF12

aye

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CMD : OG6IWCM	ONGARD 11/19/02 09:03:25 INQUIRE WELL COMPLETIONS OGOMES - TPEY
Pool Idn : OGRID Idn :	30 45 24988 Eff Date : 07-17-1994 WC Status : P 71599 BASIN DAKOTA (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY 669 HEATON COM LS
Well No : GL Elevation:	
Lot Identifie: Dedicated Acro Lease Type	: I 32 31N 11W FTG 1740 F S FTG 1080 F E P r: e:
M0025	: Enter PF keys to scroll

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

ч.

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CMD :	ONGARD	11/19/02 09:03:38
OG6ACRE	C102-DEDICATE ACREAGE	OGOMES -TPEY
		Page No : 1
API Well No	: 30 45 24988 Eff Date :	
Pool Idn	: 71599 BASIN DAKOTA (PRORATED GAS)	
Prop Idn	:	Well No :
Spacing Unit	: OCD Order :	Simultaneous Dedication:
Sect/Twp/Rng	: Acreage :	Revised C102? (Y/N) :
Dedicated Lan	d:	
	S Base U/L Sec Twp Rng Acreage	e L/W Ownership Lot Idn

	E6914	4: WC	has	been plugged	1 &	abandoned			
PF01	HELP	PF02		PF03 EX1	[T]	PF04 GoTo	PF05	PF06	CONFIRM
PF07	BKWD	PF08	FWD	PF09		PF10 LAND	PF11 NXTSEC	PF12	RECONF

Page: 1 Document M	Name:	untitled
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CMD : OG6IPRD	0 INQUIRE PROD	NGARD	BY POOL	/well		)2 09:0 GOMES - age No:	TPEY	
OGRID Identifier : Pool Identifier : 715 API Well No : 30	599 BASIN DAKO	TA (PRO	DRATED G	AS)		-		
API Well No Property	v Name	Prodn	Davs	Product i	on Volumes		Well	
AFI WEIT NO FIOPEIC		MM/YY	Prod	Gas	Oil			
30 45 24988 YEAGER C			27	343		1	F	
30 45 24988 YEAGER C	A MC	02 93	26	442	2	1	F	
30 45 24988 YEAGER C	A MC	03 93	31	676	3	1	F	
30 45 24988 YEAGER C	A MC	04 93	30	805	7	2	F	
30 45 24988 YEAGER C	A MC	05 93	31	812	5	2	F	
30 45 24988 YEAGER C	A MC	06 93	30	613	6	2	F	
30 45 24988 YEAGER C	A MC	07 93	31	915	5	2	F	
Reporting Period Total (Gas, Oil) :								
M0025: Enter	PF keys to sci	coll						
	PF03 EXIT		04 GoTo	PF05	PFO	5 CONFI	[ RM	
PF07 BKWD PF08 FWD	PF09	PF	10 NXTPO	OL PF11 NX	TOGD PF1:	2		

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

4.

CMD : OG6IPRD	INQUIRE PR	ONGARD ODUCTION	BY POOL	/WELL	C	02 09:03:5 GOMES -TPF age No: 2	ΞY	
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								
ADT Well No	Property Name	Prodn	Davs	Product	ion Volume	a We	11	
ATT WELL NO		MM/YY	Prod	Gas	Oil	Water Sta		
30 45 24988	YEAGER COM A			479		1 F		
	YEAGER COM A	09 93	30	546	5	2 F		
	YEAGER COM A	10 93	31	719		3 F		
30 45 24988	YEAGER COM A	11 93	30	553	15	5 F		
30 45 24988	YEAGER COM A	12 93	28	426	8	3 F		
30 45 24988	YEAGER COM A	01 94	31	323		3 F		
30 45 24988	YEAGER COM A	02 94	28	378	7	2 F		
Reporting Period Total (Gas, Oil) :								
PF01 HELP	9: User may continue PF02 PF03 EX PF08 FWD PF09	IT PF	04 GoTo					

CMD : ONGARD									11/19/02 09:03:56			
OG61								OGOMES -				
											Page No:	: 3
			ier :									
			er : 71								10 000	
API	Wel	l No	: 30	) 45	24988	Report	Pe	riod -	From : 01	1993 To :	10 2002	2
		1							Drodug	tion Volum		Woll
API	Wel	I NO	Propert	су мат	e	PIC	an.	Days	Gas	tion Volum	Water	
						IAIIAI \	II	PIOU	Gas	011	Water	Juan
30	15	24988	YEAGER (	 A MOT		0.3	94	27	615	1		F
30			YEAGER (				94		157		1	
30			YEAGER (				94		153	3	1	
30			YEAGER (				94		200		_	S
30			YEAGER (				94		57			S
30			HEATON (			01			5.			S
			HEATON (			02						S
30	40	24900	HEATON (		1	02	55					D
		Dem		amiad	Total	10-0	O i I	) .				
		кер	orting Po	eriou	IULAI	(Gas,	UII	· ·				
		1004	9: User 1		ntinuc	aaro	llin	a				
	- TTT			_	PF03 H					PI	FOE CONF	TRM
	1 HI		PF02 PF08 FW		PF03 1				POOL PF11		F12	
<b>NT A</b>												

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CMD : OG6IPRD	INQUIRE PR	ONGARD ODUCTION BY POOL/WELL	
Pool Identifi	ier : 71599 BASIN DA	ICA PRODUCTION COMPANY KOTA (PRORATED GAS) eport Period - From : 03	Page No: 4 1 1993 To : 10 2002
API Well No	Property Name	Prodn. Days Produ MM/YY Prod Gas	ction Volumes Well Oil Water Stat
304524988304524988304524988304524988304524988	HEATON COM LS HEATON COM LS HEATON COM LS HEATON COM LS	03 95 04 95 05 95 06 95 07 95 08 95 09 95	S S S S S S S
E004. PF01 HELP	9: User may continue PF02 PF03 EX	Gas, Oil) : 9012 scrolling. IT PF04 GoTo PF05 PF10 NXTPOOL PF11	PF06 CONFIRM

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CMD :	ONGARD	11/19/02 09:03:58
OG6IPRD INC	QUIRE PRODUCTION BY POOL/WELL	
	DD AMEDICA DRODUCETON CONDANS	Page No: 5
	BP AMERICA PRODUCTION COMPANY BASIN DAKOTA (PRORATED GAS)	
	24988 Report Period - From : 01	1 1993 To : 10 2002
ADI Woll No. Droporty No.	me Prodn. Days Produc	stion Volumes Well
API WEIT NO Property Mai		Oil Water Stat
30 45 24988 HEATON COM L	S 10 95	S
Reporting Period	Total (Gas, Oil) : 9012	75 32
E0049: User may c PF01 HELP PF02		PEOS CONFIRM
PF07 BKWD PF08 FWD		

Page: 1 Document Na	me: untitled	
CMD : OG6IWCM	ONGÀRD INQUIRE WELL COMPLI	11/19/02 09:04:0 ETIONS OGOMES -TPE
Pool Idn : 7162		S)
ע/	L Sec Township Range Nort	h/South East/West Prop/Act(P/A
Lot Identifier: Dedicated Acre: 32 Lease Type : P	32 31N 11W FTG 20.00 tion (Comm, Unit, Forced Po	

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

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

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CMD : OG6ACRE	C	ONGAR 102-DEDICA	RD ATE ACREAGE			19/02 09:04:11 OGOMES -TPEY Page No : 1
API Well No : Pool Idn :	71629 BASIN	FRUITLAND	COAL (GAS)			
Prop Idn : Spacing Unit : Sect/Twp/Rng : Dedicated Land:	45884 OCD C	rder :	320.00	Simult	aneous De	Well No : 009A edication: (Y/N) :
_	S Base U/L		Rng Acreage			
-	I		11W 40.00			
	J		11W 40.00		FD	
	K	32 31N	11W 40.00	Ν	FE	
	L	32 31N	11W 40.00	Ν	FE	
	М	32 31N	11W 40.00	N	FD	
	N	32 31N	11W 40.00	N	FE	
	0	32 31N	11W 40.00	N	FE	
	P	32 31N	11W 40.00	N	FE	
PF01 HELP PF02		3 EXIT	PF04 GoTo	PF05		PF06 CONFIRM
PF07 BKWD PF08	FWD PF(	19	PFIU LAND	PLIT	NAISEC	PFIZ RECONF

CMD : OG6IPRD		ONGARD ODUCTION BY POOL/	WELL	/19/02 09:04:23 OGOMES -TPEY Page No: 1
Pool Identif	fier : 778 BP AMER ier : 71629 BASIN FR : 30 45 24988 R	UITLAND COAL (GAS	;)	o : 10 2002
API Well No	Property Name	Prodn. Days	Production Vo	lumes Well
				Water Stat
	HEATON COM LS			A
30 45 24988		10 94		A
30 45 24988	HEATON COM LS	11 94		A
30 45 24988	HEATON COM LS	12 94		A
30 45 24988	HEATON COM LS	03 95 25		S.
30 45 24988	HEATON COM LS	04 95		S
30 45 24988	HEATON COM LS	05 95		S
Rep	orting Period Total (	Gas, Oil) :		
M002	5: Enter PF keys to s	croll		
PF01 HELP	PF02 PF03 EX	IT PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD PF09			

CMD DG6	PRD				OGOMES Page No		
GR	ID Identi	fier : 778	BP AMERICA	PRODUCTION CO	MPANY	5	
		ier : 71629					
API	Well No	: 30 45	24988 Repor	t Period - Fr	om : 01 1993	To : 10 20	02
	Woll No	Property Na		odn Davs			
JL'T	METT NO	riopercy na		/YY Prod			
0	45 24988	HEATON COM L	S 06	95			S
0		HEATON COM L					S
80	45 24988	HEATON COM L	JS 08	95			S
0		HEATON COM L					S
30	45 24988	HEATON COM I	JS 10	95			S
30		HEATON COM I					S
0	45 24988	HEATON COM I	LS 12	95			S
							-
	Rep	orting Period	l Total (Gas,				
							-
		9: User may c					
		PF02					FIRM
PFO	7 BKWD	PF08 FWD	PF09	PF10 NXTPOC	DL PF11 NXTOGI	) PF12	

Page: 1 Document Name: untitled

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

CMD OG 6	IPRD	INQUIF	ONGARD RE PRODUCTION BY PO	OL/WELL	11/19/02 09 OGOMES Page N	S -TPEY
OGR	ID Identifi	er: 778 BP	AMERICA PRODUCTION	I COMPANY		
			IN FRUITLAND COAL			
API	Well No	: 30 45 249	988 Report Period -	From : 01 1	993 To : 10 20	)02
API	Well No	Property Name	Prodn. Days			
			MM/YY Prod	Gas	Oil Wate	er Stat
30	45 24988 H	EATON COM LS	01 96			s
30			02 96			S
30		EATON COM LS	03 96			S
30	45 24988 H	EATON COM LS	04 96			S
30			05 96			S
30	45 24988 H	EATON COM LS	06 96			S
30	45 24988 H	EATON COM LS	07 96			S
	Repor	ting Period Tot	tal (Gas, Oil) :			
			<b>–</b> ·			
	E0049:	User may cont:	inue scrolling.			
PFC	)1 HELP P	PF02 PF0	03 EXIT PF04 Go	ro PF05	PF06 CON	IFIRM
		FO8 FWD PFO	09 PF10 NX	TRACT DELL MAR	MOOD DIIO	

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CMD : OG6IPRD		NGARD DUCTION BY	POOL/WELL	11/19/02 09:04:28 OGOMES -TPEY
Pool Identifie	er : 778 BP AMERIC r : 71629 BASIN FRUI : 30 45 24988 Reg	TLAND COAL	GAS)	Page No: 4 93 To : 10 2002
API Well No	Property Name	Prodn. Dav	vs Productio	n Volumes Well
				Oil Water Stat
20 45 24088 1		00 06		S
	IEATON COM LS IEATON COM LS			S
				S
	HEATON COM LS			
	HEATON COM LS			S
30 45 24988 H	HEATON COM LS			S
30 45 24988 H	HEATON COM LS	01 97 31	4193	S
30 45 24988 H	HEATON COM LS	02 97 28	1930	S
E0049: PF01 HELP F	rting Period Total (Ga : User may continue so PF02 PF03 EXI PF08 FWD PF09	crolling. F PF04 (		

Date: 11/19/2002 Time: 09:11:05 AM

Page:	1	Document	Name:	untitled

CMD : OG6IPRD	INQUIRE PRO	ONGARD DUCTION	BY POO	L/WELL	C	02 09:04:29 GOMES -TPEY Page No: 5
Pool Identif	fier : 778 BP AMERI ier : 71629 BASIN FRU : 30 45 24988 Re	ITLAND	COAL (G	AS)	1993 To :	10 2002
ADT Well No	Property Name	Prodn	Davs	Product	ion Volume	s Well
ATT WELL NO		MM/YY	Prod	Gas	Oil	Water Stat
				2500		
	HEATON COM LS					S
		04 97				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	3.1	2135	7	F
		09 97		2402		F
Reporting Period Total (Gas, Oil) :						
E004	9: User may continue a	scrollin	q.			
PF01 HELP	PF02 PF03 EXI		-	PF05	ÞF(	6 CONFIRM
	PF08 FWD PF09					
ITO/ DRWD		11	T 141711			

ge No: 6 0 2002 Well Water Stat F F
Water Stat
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Date: 11/19/2002 Time: 09:11:07 AM

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CMD	:		ONGARD	11/19/02 09:04:32
OG63	IPRD	INQUIRE	PRODUCTION BY POOL/WELL	OGOMES - TPEY
				Page No: 7
OGRI	ID Identi	fier : 778 BP AM	MERICA PRODUCTION COMPANY	
Poo]	l Identif	ier : 71629 BASIN	FRUITLAND COAL (GAS)	
API	Well No	: 30 45 24988	B Report Period - From : (	)1 1993 To : 10 2002
API	Well No	Property Name	Prodn. Days Produ	
			MM/YY Prod Gas	Oil Water Stat
		HEATON COM LS		S
		HEATON COM LS		S
30	45 24988	HEATON COM LS	07 98	S
30	45 24988	HEATON COM LS	08 98	S
30	45 24988	HEATON COM LS	09 98	S
30	45 24988	HEATON COM LS	10 98	S
30	45 24988	HEATON COM LS	11 98	S
	Rep	orting Period Tota	l (Gas, Oil) :	
	E004	9: User may continu	ue scrolling.	
PF0	1 HELP	PF02 PF03	EXIT PF04 GoTo PF0	5 PF06 CONFIRM
			PF10 NXTPOOL PF12	

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CMD : OG6IPRD INQUIE	ONGARD RE PRODUCTION BY POOL/WELL	11/19/02 09:04:33 OGOMES -TPEY Page No: 8
DGRID Identifier : 778 BP Pool Identifier : 71629 BASI API Well No : 30 45 249		
API Well No Property Name	Prodn. Days Product MM/YY Prod Gas	
30 45 24988 HEATON COM LS		S
3.0 45 24988 HEATON COM LS		S
30 45 24988 HEATON COM LS	02 99	S
30 45 24988 HEATON COM LS	03 99	S
3.0         45         24988         HEATON         COM         LS           3.0         45         24988         HEATON         COM         LS	04 99 05 99	S S
30 45 24988 HEATON COM LS 30 45 24988 HEATON COM LS		S
Reporting Period To	tal (Gas, Oil) :	
E0049: User may cont	inue scrolling.	
	03 EXIT PF04 GoTo PF05	DECC CONTENN

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CMD :		ONGARD		/19/02 09:04:34
OG6IPRD	INQUIRE P	RODUCTION BY POOL/	WELL	
OGDID Ident				Page No: 9
	ifier : 778 BP AME fier : 71629 BASIN F			
	: 30 45 24988 1			o · 10 2002
AFI WEII NO	. 50 45 24900	Report reriod if	0	0.102002
API Well No	Property Name	Prodn. Days	Production Vol	lumes Well
		MM/YY Prod	Gas Oil	Water Stat
		07 99		S
30 45 2498		08 99		S
30 45 2498	8 HEATON COM LS	09 99		S
30 45 2498	8 HEATON COM LS	10 99		S
30 45 2498	8 HEATON COM LS	11 99		S
30 45 2498	8 HEATON COM LS	12 99		S
30 45 2498	8 HEATON COM LS	01 00		S
Re	porting Period Total	(Gas, Oil) :		
EOO	49: User may continue	scrolling.		
PF01 HELP	PF02 PF03 E	XIT PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD PF09	PF10 NXTPOC	DL PF11 NXTOGD	PF12

CMD : OG6IPRD		ONGARD DUCTION BY POOL/	11/: /WELL	19/02 09:04:35 OGOMES -TPEY Page No: 10
Pool Identif:	fier : 778 BP AMERI ier : 71629 BASIN FRU : 30 45 24988 Re	ITLAND COAL (GAS	3)	: 10 2002
API Well No	Property Name		Production Volu Gas Oil	
304524988304524988	HEATON COM LS HEATON COM LS HEATON COM LS HEATON COM LS	03 00 08 00		S S S S
Rep	orting Period Total (G	Gas, Oil) : 2	27201 12	
PF01 HELP	9: User may continue s PF02 PF03 EXI PF08 FWD PF09	T PF04 GoTo		

CMD : OG6IWCM	ONGARD INQUIRE WELL COMPLETIONS	11/19/02 09:05:11 OGOMES -TPEY
Pool Idn : OGRID Idn :	30 45 24988 Eff Date : 07-17-1994 72319 BLANCO-MESAVERDE (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY 669 HEATON COM LS	WC Status : A
Well No : GL Elevation:		East/West Prop/Act(P/A)
Lot Identifie: Dedicated Acre Lease Type	: I 32 31N 11W FTG 1740 F S r: e: 320.00	FTG 1080 F E P

PFO1 HELP	PF02	PF03 EXIT	PF04 GOTO PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC PF11 HISTORY	PF12 NXTREC

CMD : OG6ACRE	ONGARD C102-DEDICATE ACREAGE	11/19/02 09:05:14 OGOMES -TPEY Page No : 1
API Well No : 30 45 24 Pool Idn : 72319 BLA Prop Idn : 669 HE Spacing Unit : 33165 OC Sect/Twp/Rng : 32 31N 11 Dedicated Land:	NCO-MESAVERDE (PRORATED ( EATON COM LS CD Order :	GAS) Well No : 009A Simultaneous Dedication:
S Base	U/L Sec Twp Rng Acreage	L/W Ownership Lot Idn
	A 32 31N 11W 40.00	N ST
	B 32 31N 11W 40.00	N FE
	G 32 31N 11W 40.00	N FD
	H 32 31N 11W 40.00	N ST
	I 32 31N 11W 40.00	N FE
	J 32 31N 11W 40.00	N FD
	O 32 31N 11W 40.00	N FE
	P 32 31N 11W 40.00	N FE
	to modify or PF keys to a PF03 EXIT PF04 GoTo	

Prui ne	LF FFUZ	FFU.	5 EALL FLOT	0010	1105	1100	COMI TIU
PF07 BK	ND PF08	FWD PF09	9 PF10	LAND	PF11 NXTSEC	PF12	RECONF

CMD DG61		)		IN		ONGA DUCI		BY POO	DL/WELL		/02 09: OGOMES Page No	-TPEY
					BP AMERIC						2	
					BLANCO-MES					1000 -	10 000	2
API	Wel	I NO	: 3	45	24988 Rer	port	: Pe:	r10a -	From : 01	1993 10 :	10 200	2
API	Wel	l No	Proper	ty Na	me	Pro	odn.	Days	Produc	tion Volum	nes	Well
						MM	YYY/	Prod	Gas	Oil	Water	Stat
30					S					100		F
30			HEATON				94		0858	102		F
3.0			HEATON						8757			F
30			HEATON				94		6334			F
30			HEATON				94		5552			F
30	45	24988	HEATON	COM L	S	01	95	31	4195	31		F
30	45	24988	HEATON	COM L	S	02	95	28	4853	23		F
		Repo	orting I	Period	Total (G	as,	Oil	) :				
							_					
				r PF k	eys to sc							
PF0:	1 HI	ELP	PF02		PF03 EXI	Т	PF	04 GoT	o PF05	PI	FOG CONF	IRM

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CMD : OG6IPRD	ON INQUIRE PRODU	NGARD UCTION	BY POOL	/WELL	0	02 09:05:27 GOMES -TPEY age No: 2
OGRID Identifier : Pool Identifier : 723 API Well No : 30	19 BLANCO-MESA	AVERDE	(PRORAT	'ED GAS)		
API Well No Property	1	MM/YY	Prod	Product: Gas	Oil	es Well Water Stat
30 45 24988 HEATON CO	M LS	03 95	26		14	F
30 45 24988 HEATON CO	DM LS	04 95	30	1029		F
30 45 24988 HEATON CO	DM LS	05 95	31	5108	22	F
30 45 24988 HEATON CO	DM LS	06 95	30	2515	10	F
30 45 24988 HEATON C	DM LS	07 95	31	4061	12	F
30 45 24988 HEATON C	DM LS	08 95	31	2995	10	F
30 45 24988 HEATON C	DM LS	09 95	.30	4409	18	F
Reporting Pe:	riod Total (Ga	s, Oil)	) :			
E0049: User ma PF01 HELP PF02 PF07 BKWD PF08 FWD	PF03 EXIT	PF	04 GoTo			

CMD : OG6IPRD		NGARD UCTION	BY POOL/	WELL	11/19/02 09 OGOMES Page No	-TPEY
OGRID Identifier : Pool Identifier : 723 API Well No : 30	19 BLANCO-MES	AVERDE	(PRORATE	ED GAS)	93 To : 10 200	)2
API Well No Property	Name	Prodp	Davs	Production	Volumes	Well
		MM/YY	Prod	Gas	Oil Wate:	r Stat
30 45 24988 HEATON CO				3665	26	F
30 45 24988 HEATON CO	M LS	11 95	30	2787		F
30 45 24988 HEATON CO	M LS	12 95	31	821		F
30 45 24988 HEATON CO	M LS	01 96	31			F
30 45 24988 HEATON CO	M LS	02 96	29		33	F
30 45 24988 HEATON CO	M LS	03 96		3053		F
30 45 24988 HEATON CO	M LS	04 96	.30	6723	19	F
Reporting Per	iod Total (Ga	as, Oil)	) :			-
E0049: User ma	y continue so	rolling	g.			
	PF03 EXIT	r PF	04 GoTo		PF06 CON OGD PF12	FIRM

ERICA PRODUCTION -MESAVERDE (PROR Report Period -	ATED GAS)	Page No: 4
		<b>T</b> = 10,0000
Report Period -	From : 01 1993	m- 10 0000
		10 : 10 2002
Prodn Davs	Production	Volumes Wel
05 96 31	4519	F
		F
07 96 31	3581	F
08 96 31	3249	F
09 96 25	2873	F
10 96 31	3013	F
11 96 30	2609	F
	MM/YY Prod 05 96 31 06 96 30 07 96 31 08 96 31 09 96 25 10 96 31	Prodn. Days       Production         MM/YY       Prod       Gas       O         05       96       31       4519         06       96       30       3856         07       96       31       3581         08       96       31       3249         09       96       25       2873         10       96       31       3013         11       96       30       2609

CMD OG6	: IPRI	)		IN	QUIRE PRO	ONGA DUCI		BY POC	DL/WELL		/02 09:05:32 OGOMES -TPEY Page No: 5
Poo	1 10	lentifi	ler : 7	2319	BP AMERI BLANCO-ME 24988 Re	SAVE	ERDE	(PRORA	ATED GAS)	. 1993 To :	10 2002
API	We	Ll No	Proper	ty Na	ime						es Well Water Stat
30	45	24988	HEATON	COM I	S	12	96	31	2694		F
30	45	24988	HEATON	COM I	JS	12	97	31	2668		F
30	45	24988	HEATON	COM I	S	01	98		4792		F
30	45	24988	HEATON	COM I	S	02	98		2705	3	F
30	45	24988	HEATON	COM I	JS	03	98	31	2057		F
30			HEATON				98		1943		F
30	45	24988	HEATON	COM I	S	05	98	31	2383		F
					1 Total (G	scro	llin	g.		 PF	

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CMD : OG6IPRD	INQUIRE PRO	ONGARD ODUCTION	BY POC	DL/WELL	00	02 09:05:32 GOMES -TPEY age No: 6
OGRID Identifier : Pool Identifier : API Well No :	72319 BLANCO-M	ESAVERDE	(PRORI	ATED GAS)		-
API Well No Prope	erty Name	Prodn.	Days	Product	ion Volumes	s Well
-		MM/YY	Prod	Gas	Oil	
30 45 24988 HEATON			30	1951		F
30 45 24988 HEATON		07 98	29	2354		F
30 45 24988 HEATON		08 98	25	2509		F
30 45 24988 HEATON		09 98		2859		F
30 45 24988 HEATON		10 98	31			F
30 45 24988 HEATON		11 98	30	2501		F
30 45 24988 HEATON			31	2600		F
E0049: Use	Period Total ( r may continue PF03 EX FWD PF09	scrollin IT PF	 ig. '04 GoT			

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CMD:ONGARD11/19/02 09:05OG61PRDINQUIRE PRODUCTION BY POOL/WELLOGOMES -TIPage No:Page No:Page No:							
OGRID Identifier : Pool Identifier : 72 API Well No : 30	2319 BLANCO-M	ESAVERDE	(PROR	ATED GAS)	1993 To : 10	2002	
API Well No Propert	v Name	Prodn.	Davs	Product	ion Volumes	Well	
		MM/YY	Prod	Gas	Oil Wa		
30 45 24988 HEATON (	COM' LS			2710		F	
30 45 24988 HEATON (	COM LS	02 99	28	2401	2	F	
30 45 24988 HEATON (	COM LS	03 99	31	2604	2	F	
30 45 24988 HEATON (	COM LS	04 99	30	2550	11	F	
30 45 24988 HEATON (	COM LS	05 99	31	2606	5	F	
30 45 24988 HEATON (	COM LS	0.6 9.9	30	2420	4	F	
30 45 24988 HEATON (	COM LS	07 99	.11	2197	10	F	
Reporting Pe	eriod Total (	Gas, Oil	) :				
E0049: User of PF01 HELP PF02 PF07 BKWD PF08 FW1	PF03 EX	IT PF	04 GoT		PF06 ( IXTOGD PF12	CONFIRM	

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CMD : OG6IPRD	INQUIRE PRO	ONGARD	BY POC	DL/WELL	OGG	2 09:05:35 DMES -TPEY ge No: 8
Pool Identifi	ier : 778 BP AMERI er : 72319 BLANCO-ME : 30 45 24988 Re	SAVERDE	(PRORA	ATED GAS)	1993 To : 10	0 2002
API Well No	Property Name	Prodn.	Days	Product	ion Volumes	Well
		MM/YY	Prod	Gas	Oil N	Water Stat
30 45 24988	HEATON COM LS	08 99	31	2758	5	F
	HEATON COM LS	09 99	30	2399	8	F
	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
	orting Period Total (C 9: User may continue s		·			
PF01 HELP	PF02 PF03 EXI	IT PF	04 GoTo	O PF05 POOL PF11 N	PF06 XTOGD PF12	CONFIRM

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CMD OG6	: IPRD	INQUIRE	ONGARD PRODUCTION	BY PO	OL/WELL		/02 09:05:36 OGOMES -TPEY Page No: 9
Pool	l Identifi	fier : 778 BP A ier : 72319 BLANC : 30 45 2498	O-MESAVERDE	(PROR	ATED GAS)	1993 To :	10 2002
API	Well No	Property Name	Prodn.	Days	Product	ion Volum	es Well
			MM/YY	Prod	Gas	Oil	Water Stat
30	45 24988	HEATON COM LS			2200		F
30	45 24988	HEATON COM LS	04 00	30	2160	8	F
30	45 24988	HEATON COM LS	05 00	31	2285	1	F
30	45 24988	HEATON COM LS	06 00	30	2201	8	F
30	45 24988	HEATON COM LS	07 00	31	2283	3	F
30	45 24988	HEATON COM LS	08 00	31	2277		F
30	45 24988	HEATON COM LS	09 00	30	2181	10	F
	E004: 1 HELP	orting Period Tota 9: User may contir PF02 PF03 PF08 FWD PF09	ue scrollin BEXIT PF	g. 04 GoT			

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CMD : OG6IPRD	INQUIRE PR	ONGARD ODUCTION	BY POC	DL/WELL	00	02 09:05:37 GOMES -TPEY age No: 10
Pool Identifi	ier : 778 BP AMER er : 72319 BLANCO-M : 30 45 24988 R	ESAVERDE	(PROR	TED GAS)		
APT Well No	Property Name	Prodn	Davs	Product	ion Volume	s Well
ALL WELL NO		MM/YY	Prod	Gas	Oil	Water Stat
30 45 24988	HEATON COM LS		31	2154		F
30 45 24988	HEATON COM LS	11 00	30	2031	5	F
30 45 24988	HEATON COM LS	12 00	31	2016	5	F
30 45 24988	HEATON COM LS	01 01	31	2012	5	F
30 45 24988	HEATON COM LS	02 01	28	1029	5	F
30 45 24988	HEATON COM LS	03 01	31	1859		F
30 45 24988	HEATON COM LS	04 01	.30	1743		F
Repo	orting Period Total (	Gas, Oil	) :			
E0049	9: User may continue	scrollin	a.			
PF01 HELP	PF02 PF03 EX PF08 FWD PF09	IT PF	04 GoTo			

CMD :		ONGARD		1	11/19	/02 09:05:39
OG6IPRD	INQUIRE PRO	DUCTION	BY POO	L/WELL		OGOMES -TPEY
						Page No: 11
OGRID Identif	ier: 778 BP AMERI	CA PROD	UCTION	COMPANY		-
	ér : 72319 BLANCO-ME					
	: 30 45 24988 Re				1993 To :	10 2002
		-				
API Well No	Property Name	Prodn.	Days	Product	ion Volum	wes Well
						Water Stat
30 45 24988	HEATON COM LS	05 01	31	2203		F
30 45 24988	HEATON COM LS	06 01	30	2090		F
30 45 24988	HEATON COM LS	07 01	31	2546	2	F
30 45 24988	HEATON COM LS	08 01	27	2341		F
30 45 24988	HEATON COM LS	09 01	30	2529	13	F
30 45 24988	HEATON COM LS	10 01	31	2403	2	F
30 45 24988	HEATON COM LS	11 01	3.0	2231	5	F
Repo	orting Period Total (	Gas, Oil	) :			
E0049	9: User may continue	scrollin	g.			
PF01 HELP	PF02 PF03 EX	IT PF	'04 GoTc	PF05	PF	06 CONFIRM
PF07 BKWD	PF08 FWD PF09	PF	10 NXTE	POOL PF11 N	IXTOGD PF	712

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CMD : OG6IPRD	INQUIRE PR	ONGARD	Y POOL/WELL	11/19/02 09 OGOMES Page N	-TPEY
Pool Identif	fier : 778 BP AMER ièr : 72319 BLANCO-M : 30 45 24988 R	ESAVERDE (1	PRORATED GAS	3)	02
API Well No	Property Name	MM/YY P	rod Gas	duction Volumes Oil Wate	r Stat
30 45 24988	HEATON COM LS		1 2258		F
30 45 24988	HEATON COM LS	01 02 3	1 2165	3	F
30 45 24988	HEATON COM LS	02 02 2	8 1988		F
30 45 24988	HEATON COM LS	03 02 3	1 2072	4	F
30 45 24988	HEATON COM LS	04 02 3	0 2019		F
30 45 24988	HEATON COM LS	05 02 3	1 2123	3	F
30 45 24988	HEATON COM LS	06 02 3	0 2076	1	F
E004 PF01 HELP	oorting Period Total ( 9: User may continue PF02 PF03 EX PF08 FWD PF09	scrolling. IT PF04	Goto PF	05 PF06 CO 11 NXTOGD PF12	 IFIRM

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CMD : OG6IPRD	INQUIRE PRO	ONGARD	BY POO	DL/WELL		0/02 09:0 OGOMES -	
						Page No:	13
OGRID Identifier							
Pool Identifier	: 72319 BLANCO-ME						
API Well No	: 30 45 24988 Re	port Pe:	riod -	From : 01 1	993 To :	10 2002	
API Well No Pro	operty Name	Prodn.	Days	Producti	on Volum	nes	Well
		MM/YY	Prod	Gas	Oil	Water	Stat
 30 45 24988 HEAT	ON COM LS	07 02	31	2140			F
30 45 24988 HEAT		08 02	31	2073			F

Reporting Period Total (Gas, Oil) : 227795 614

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E0049: User may continue scrolling. PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PFUL HELP	PFUZ	FF05 GAIL	FF04 GOIO	ELOJ	FF00 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

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

## 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, 2001 for occluded coal seam gas, approved by the Division on November 19, 2001 for tight formation gas, approved by the Division on November 19, 2002 as CS-02-002; (iv) Heaton Gas Com. "LS" Well No. 9-A (API No. 30-045-24988) filed September 19, 2001 for tight formation gas, approved by the Division on November 19, 2002 as TF-02-006; and (v) Gallegos Canyon Unit Well No. 323 (API No. 30-045-24615) filed on September 19, 2001 for occluded coal seam gas, approved by the Division on November 20, 2002 as CS-02-003.

Ms. Corley,

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

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

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



A. THE NGPA WELL CATEGORY	<b>DETERMINATION IS BEING SOUGHT FOR A WELL</b>
PRODUCING:	

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

## **B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:**

1. Well Name and No.\*

2. Completed in (Name of Reservoir) \*

3. Field \*

4. County \*

5. State \*

- 6. API Well No. (14 digits maximum. If not assigned, leave blank.)
- 9. Measured Depth of the Completed Interval (in feet) TOP BASE

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

\_\_\_\_

1. Applicant's Name \*

2. Street \*

3. City \*

4. State\*

5. Zip Code

6. Name of Person Responsible \*

- 7. Title of Such Person \*
- 8. Signature

and Phone No. ( )

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

Attachment 2-2

#### (1/2000)

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

#### APPLICATION FOR DETERMINATION

#### GENERAL INSTRUCTIONS

1. Purpose: This form is to be used to provide basic data on each application for a well category determination that is filed with a Jurisdictional Agency to qualify the natural gas produced from such well as (a) occluded natural gas produced from coal seams, under section 107(c)(3) of the Natural Gas Policy Act of 1978 [15 U.S.C. 3301] (NGPA), (b) natural gas produced from Devonian shale, under section 107(c)(4) of the NGPA, or (c) natural gas produced from a designated tight formation, under section 107(c)(5) of the NGPA, in order to substantiate the eligibility of such natural gas for a tax credit under Section 29 of the Internal Revenue Code. The Commission will use this data, together with the other information contained in the Jurisdictional Agency's notice of determination, to evaluate whether substantial evidence exists to support the determination.

2. Who must submit: Anyone who files an application with a Jurisdictional Agency identified under Section 270.401 of the Commission's Regulations for a well category determination.

3. What and where to submit: The original of this form, and all of the information required by Section 270.302, 270.303, 270.304, or 270.306 of the Commission's Regulations must be filed with the Jurisdictional Agency. The Jurisdictional Agency making a determination must file the original of this form, with all of the other information required under the applicable Commission Regulations, with the Office of the Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426. Applicants should retain one copy of each completed form for their files for 4 years.

4. These are mandatory filing requirements.

5. The data on this form are not considered confidential and will not be treated as such.

6. Where to send comments on the public reporting burden: The public reporting burden for this collection of information is estimated to average 0.25 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any aspect of this collection of information, including suggestions for reducing this burden, to the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426 (Attention: Mr. Michael Miller, CI-1) and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). Persons subject to providing this information will not be penalized for failing to respond to these collections of information unless the collection of information displays a valid OMB control number.

Attachment 2-1



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor BETTY RIVERA Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

November 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,

y Valdes

Kathy Valdes

Enclosures

		CS-02	2-002
			Form C-132 Revised 10/1/86
State	of New M	exico	
ENER	GY AND MINERALS DEPARTM	MENT	
OT	CONSERVATION DIVISI		
		220 South St. Francis	Dr.
FOR DIVISION	Santa Fe, NM 87505		5A. Indicate Type of Lease
JSE ONLY: APPLICATION FOR WELLHEAD P	BICE CEILING CATEGO	RY DETERMINATION	STATE FEE X
APPROPIATE FILING FEE(S) ENCLOSED? YES 🦯	NO	- FILING FEE(S) -	5. State Oil & Gas Lease No.
DATE COMPLETE APPLICATION FILED		Effective October 1, 1986,	
- Sept. 19,2001	/	a non-refundable filing fee of	
		\$25.00 per category for each	7. Unit Agreement Name
DATE DETERMINATION MADE November 19, 200	/	application is mandatory. (Rule	
November 19,200	24	2, Order No. R-5878-8-3	8. Farm or Lease Name
WAS APPLICATION CONTESTED? YES NO			Heaton Gas Com LS
Name of Operator			9. Well No.
Amoco Production Company			9A
. Address of Operator			10. Field and Pool, or Wildcat
			Basin Fruitland Coal
O Box 3092 Houston TX 77253			
Logstion of Well	1740 FEET FROM	M THE SOUTH LINE	12. County

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 )
- 2. Filing Fee(s) Amount Enclosed: \$\_\_\_\_25.00
- 3. All applications must contain:
  - a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK.
  - b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
  - c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
  - d. AFFIDAVITS OF MAILING OR DELIVERY
- 4. In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Reules of Applications for Wellhead Price Ceiling Category Determinations" as follows:
  - A. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile or 1000 Feet Deeper Test)
  - All items required by Rule 14 (1) and/or Rule 14 (2)
  - B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)

All items required by Rule 15

C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103

All items required by Rule 16a OR Rule 16B

D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103

All items required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule 17 (5)

E. STRIPPER WELL NATURAL GAS UNDER SEC. 108

All items required by Rule 18

[P] No. 30-045-24988
FOR DIVISION USE ONLY
Approved
Disapproved
The information contained herein includes all of the information required
to be filed by the applicant under Subpart 8/07/Part 274 of the FERC
regulation Mit H
Mutul Ster
EXAMINER

Five NGPA determinations without Form 121s...

# Page 1 of 1

## Stogner, Michael

CS-02-002

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	Reserve	oir Cate	gory	
(1) Gallegos Canyo	n Unit #323	Fruitland C	Coal A1	coal seam gas
(2) Heaton Gas Cor	n LS #9A	Fruitland (	Coal A1	coal seam gas
(3) Heaton Gas Cor	n LS #9A	Mesaverd	e A3	tight formation gas
(4) Bunce Com #1	Me	esaverde	A3 tigh	t 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	Catego	Т <u>У</u>		
Gallegos Canyon Uni	t #506 P	ctured Cliffs	A3 tight form	nation gas2 co	pies
Gallegos Canyon Uni	t #323 F	uitland Coal	A1 coal sea	am gas2 copie	s

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

Five NGPA determinations without Form 121s...

## Stogner, Michael

(S-02-002

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	Reservo	ir Categ	jory		
(1) Gallegos Canyon	Unit #323	Fruitland Co	bal A1	coal seam gas	
(2) Heaton Gas Com	LS #9A	Fruitland C	oal A1	coal seam gas	
(3) Heaton Gas Com	LS #9A	Mesaverde	A3	tight formation gas	
(4) Bunce Com #1	Mes	saverde	A3 tigh	nt 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

12/10/2002

Gallegos Canyon Unit #506	Pictured Cliffs A3 tight formation gas2 copies
Gallegos Canyon Unit #323	Fruitland Coal A1 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

(S-02-00Z

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

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

### **B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:**

- 1. Well Name and No.\* Heaton Gas Com LS #9A
- 2. Completed in (Name of Reservoir) \* Fruitland Coal
- 3. Field \* Basin Fruitland Coal
- 4. County \* San Juan
- 5. State \* New Mexico
- 6. API Well No. (14 digits maximum. If not assigned, leave blank.) 30-045-24988
  - 9. Measured Depth of the Completed Interval (in feet) TOP 2060' BASE 2317'

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

- 1. Applicant's Name \*
   BP America Production Company

   2. Street \*
   501 Westlake Park BLVD

   3. City \*
   Houston

   4. State\*
   Texas
   5. Zip Code 77079

   6. Name of Person Responsible \*
   Mary Corley

   7. Title of Such Person \*
   Senior Regulatory Analyst
  - 8. Signature Mary Orley and Phone No. (281) 366 4491
  - \* SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

NGPA determinations without Form 121s...

CS-02-002

# 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,

1 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

JOBPA determinations without Form 121s...

- (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 the required Form 121s for those three filings. If you have any questions, please call me at (202) 502-8482.

Marc F. Poole

Determinations without Form 121s...

## 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.