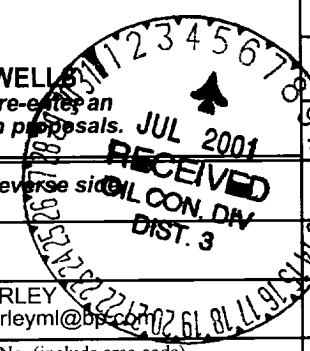


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FOR APPROVED
ON NO. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side



1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF - 07709
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allotment, or Tribe Name
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or Casing Cement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. TRIGG FEDERAL GAS COM 1M
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T29N R9W Mer SESW 1140FSL 2420FWL 36.43300 N Lat, 107.46000 W Lon		9. API Well No.
10. Field and Pool for Exploratory BASIN DAKOTA/BLANCO MESAVERDE		11. County or Parish, and State SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> APDCH
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Application for Permit to Drill for the subject well was submitted on 04/02/2001. Amoco Production Company respectfully submits for your approval amendments to our drilling and completion Program as per the attached two (2) documents. The major change is in the casing and cementing program.

The subject well also requires NMOCD approval for a Non-Standard drilling location for the Basin Dakota completion. A request for an exception to the Non-Standard well location is being submitted to the NMOCD under a separate application.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #5090 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 06/19/2001 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature	Date 06/19/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****





Prospect Name:	Trigg Federal Gas Com B	Well No:	1M
Lease:	TRIGG FEDERAL GAS COM B	Surface Location:	15-29N-9W, 1140 FSL, 24
County:	San Juan	Field:	Blanco Mesaverde/Basin
State:	New Mexico		okota
Date:	June 19, 2001		

Jun-19-2001 03:28 From-BP AMOCO



BOP Test Pressure

Amoco Production Company BOP Pressure Testing Requirements

Well Name: Trigg Federal Gas Com B
County: San Juan

1M
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipate Surface Pressure **
Ojo Alamo	1366		
Fruitland Coal	2249		
PC	2475		
Lewis Shale	2534		
Cliff House	4157	500	
Menefee Shale	4257		
Point Lookout	4709	600	
Mancos	4837		
Dakota	6804	2600	153

** Note: Determined using the following formula: $ABHP - (.22 \times TVD) = ASP$

Requested BOP Pressure Test Exception: 3000 psi



Cementing Program

Well Name: [REDACTED] Corn B Location: [REDACTED] FSL2420 FEL County: [REDACTED] State: [REDACTED]	Field: [REDACTED] Verde / Basin Dakota API No. [REDACTED] Well Flac [REDACTED] Formation: [REDACTED] Verde KB Elev (est) [REDACTED] GL Elev. (est) [REDACTED]
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Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Clr. Out (bbl.)
Surface	[REDACTED]	12.25	9.625	ST&C	Surface	NA	
Intermediate	[REDACTED]	8.75	7	LT&C	Surface	NA	
Production -	[REDACTED]	6.25	4.5	?	2534	NA	

Casing Properties:

(No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface	9.625	32	H-40	3370	1400	254	0.0787	8.84
Intermediate	7	20	K-35	3740	2270	234	0.0405	6.45
Production -	4.5	11.6	J-55	5350	4960	154	0.0155	3.57

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prior Cementing:
			PV <20
			YP <10
			Fluid Loss <15
0 - SCP	Water/Spud	8.6-9.2	
SCP - ICP	Water/LSND	8.6-9.2	
ICP - ICP2	Gas/Air Mist	NA	
ICP2 - TD	LSND	8.6 - 9.2	

Cementing Program:

	Surface	Intermediate	Production
Excess %, Bit	100%	80	10
Excess %, Caliper	NA	NA	30
BHST (est deg. F)	60	120	180
Pipe Movement	NA	Rotate/Reciprocate	Rotate/Reciprocate
Rate, Max (bpm)	7	4	2
Rate Recommended (bpm)	6	4	2
Pressure, Max (psi)	200	2000	2000
Shoe Joint	40	80	40
Batch Mix	NA	NA	NA
Circulating prior cmg (hr)	0.5	1.5	2
Time Between Stages. (hr)	NA	NA	NA
Special Instructions	1,6,7	1,5,8	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Notes:

*Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.
 *** Run TMD cased hole logs to identify pay; Perforating and CH logs can be run rigless.

Surface:

Preflush	20 bbl.	Fresh Water	
Slurry 1	73 sx Class G Cement		85 cuft
TOC@Surface	+ 2% CaCl ₂ (accelerator)		
	0.25 #/sk Cellaphane Flake (lost circulation additive)		0.3132 cuft/ft CH
	0.1% D46 antifoam		100 % excess
Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)



Cementing Program

Slurry 1	15.8	1.16	4.95
Casing Equipment:			
9-5/8", 8R, ST&C			
1 Guide Shoe			
1 Top Wooden Plug			
1 Autofill insert float valve			
4 Centralizers			
1 Stop Ring			
1 Thread Lock Compound			

Intermediates:

Fresh Water	20 bbl	fresh water	
Lead		195 sx Class "G" Cement	564 cuft
Slurry 1		+ 3% D79 extender	
TOC@Surface		+ 2% S1 Calcium Chloride	
		+1/4 #/sk. Cellophane Flake	
		+ 0.1% D46 antifoam	
Tail		107 sx 50/50 Class "G"/Poz	135 cuft
Slurry 2		+ 2% gel (extender)	
500 ft fill		0.1% D46 antifoam	0.1503 cuft/ft OH
		+1/4 #/sk. Cellophane Flake	0.1746 cuft/ft csg
		+ 2% CaCl2 (accelerator)	80 % excess
Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft ³ /sk)	(gal/sk)
Slurry 1	11.4	2.9	17.77
Slurry 2	13.8	1.27	5.72

Casing Equipment:

7", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)

1 Float Collar (autofill with minimal LCM in mud)

1 Stop Ring

10 Centralizers (one in middle of first joint, then every third collar)

2 Fluidmaster vane centralizers @ base of Ojo

7 Centralizers one every 4th joint from Ojo to base of surface casing

1 Top Rubber Plug

1 Thread Lock Compound

Production:

Fresh Water	10 bbl	CW100	
Lead		143 LiteCrate D961 / D124 / D154	305 cuft
Slurry 1		+ 0.03 gpa D47 antifoam	
TOC@Surface		+ 0.5% D112 fluid loss	
		+ 0.11% D65 TIC	
Tail		149 sx 50/50 Class "G"/Poz	214 cuft
Slurry 2		+ 5% D20 gel (extender)	+ 5 #/sk D24 gilsonite
1897 ft fill		+ 0.1% D46 antifoam	+ 0.15% D65 TIC
		+ 1/4 #/sk. Cellophane Flake	+ 0.1% D800 retarder
		+ 0.25% D187 Fluid Loss	
Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft ³ /sk)	(gal/sk)
			0.1026 cuft/ft OH
			10 % excess
			0.1169 cuft/ft csg



Cementing Program

Slurry 1	9.5	2.14	6.38	
Slurry 2	13	1.44	6.5	Top of Mancos

Casing Equipment: 4-1/2", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)
1 Float Collar (autofill with minimal LCM in mud)
1 Stop Ring
39 Centralizers (every third joint)

1 Top Rubber Plug
1 Thread Lock Compound

Note:

1. The job should be pumped at 2-3 bpm max rate. Do not exceed 3 bpm on displacement
2. Wash pump and lines before displacement. Slow to 1 bpm for the last 30 bbl of displacement.

