Form 3160-5 (June 1990)

(This space for Federal or State office use)

Conditions of approval, if any:

representations as to any matter within its jurisdiction.

Approved by

## **UNITED STATES**

FORM APPROVED					
Budget Bur	eau No.	100	04-0135		
Expires:	March	31.	1993		

APPROVED PE

	RTMENT OF THE INTERIOR U OF LAND MANAGEMENT		Expires: March 31, 1993
Do not use this form for prop	TICES AND REPORTS ON WELLS  posals to drill or to deepen or reentry to a different in the ATION FOR PERMIT - " for such proposals	eservoir.	5. Lesse Designation and Serial No.  SF-078336  6. If Indian, Allottee or Tribe Name
			7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well Other			8. Well Name and No.
2. Name of Operator	Attention:		Florance #18A
Amoco Production Company	Kelly Stearns		<b>⊣</b> `
3. Address and Telephone No. P.O. Box 800, Denver, Colorad	o 80201 (303) 830-	4457	3004522120 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or	Survey Description)		Blanco Mesaverde
107515811 0501514/1	Sec. 11 T 30N R 9W		11. County or Parish, State
1675'FNL 950'FWL	Sec. II I SON N SW		San Juan, New Mexico
12. CHECK APPROPR	IATE BOX(s) TO INDICATE NATURE C	F NOTICE, F	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	Т	YPE OF ACTION	
Notice of Intent  Subsequent Report  Final Abendonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Reperf, Acidize,	(Note: Rep	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water ort results of multiple completion on Well Completion or ion Report and Log form. }
Describe Proposed or Completed Operations subsurface locations and measured and true See attached procedures.	Clearly state all pertinent details, and give pertinent dates, including a vertical depths for all markers and zones pertinent to this work.)*	etimated date of startin	g any proposed work . If well is directionally drilled, give
14. I hereby certify that the foregoing is true and	1	Business A	nalyst Dete 12-10-1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States

## Workover Procedure **FLORANCE 18 A**

December 9, 1993

- Record TP, SICP, and SIBHP. 1.
- MIRUSU. 2.
- Tag for fill. If necessary clean out to PBTD (5266') with nitrogen. 3.
- TOH with 2 3/8" tubing. (see attached tubing tally)
- TIH with 4.5" RBP and set at 3200'. 5.

- Pressure test easing and liner top to 500 psig. Locate leaks if necessary.
  - a) If leaks exist inside 4 1/2" liner, conduct cement squeeze(s) until hole(s) will test to 500 psig.
  - b) If leaks exist inside 7" casing, contact Michelle Monteaux in the Denver office before proceeding.
- 7. TOH with RBP.
- Using lubricator, TIH with 3 1/8" casing gun and perforate the following intervals with 2 JSPF and 120 degree phasing. Depths are correlated from GO International Compensated Formation Density Log dated 8/5/76. Attempt to perforate underbalanced by perforating while well is flowing. If successful, consider isolating the Cliffhouse by setting a RBP at 4825' and attempting the same. (Perforate while well is flowing)

MV Point Lookout	MV Cliffhouse	
5000' - 48' (49)	4504' -06'	(3)
5065' - 68' (4)	4511' - 48' , 57'	(39)
5083' - 90' (8)	4561' - 63'	(3)
5109' - 12 (4)	4566' , 67' , 73', 75'	(4)
	4579' - 82' , 89'	(5)
	4592' - 4606'	(15)
	4615' , 17' , 18'	(3)
	4705' , 4729' - 50'	(23)
	4771' , 4775' - 85'	(12)
	4794' - 97'	(4)

- TIH with RBP, packer and tubing. Set RBP at 5075' and packer at 4985'.
- Pump the following acid job at no greater than 2 bbl/min: (50 bbl/ st of perss) 10.

Pre-flush

: 2650 gal 15% HCl

Treatment

: 2650 gal 35% ASOL, 65% (3% HF / 12% HCl) solution

Aster-slush

: 2650 gal 15% HCl

Displacement: 870 gal 0.2% clay fix II / water

- 11. Reset RBP to 4620' and packer to 4490'.
- 12. Pump the following acid job at no greater than 2 bbl/min:

Pre-flush

: 3600gal 15% HCl

Treatment

: 3600 gal 35% ASOL, 65% (3% HF / 12% HCl) solution

Aster-flush

: 3600 gal 15% HCl

Displacement: 815 gal 0.2% clay fix II / water

- TIH with open ended 1.5" coiled tubing with a seating nipple close to bottom (~10'or less). Land tubing at 5030'. 13.
- Swab back load ASAP.
- Tie well back into surface equipment and return to production. 15.

All water which will contact the MV during this procedure should contain clay fix. Use clay fix throughout the entire Note: procedure and avoid KCl water altogether.

KCl water, when in contact with HF acid, will form unwanted precipitates. The pre-flush will ensure that any downhole KCl is displaced prior to the pumping of HF acid.

All acid must contain 50 lb. of citric acid per 1000 gal. of solution to serve as an iron sequestering agent.

The time between pumping acid and swabbing back the load should be kept to a minimum.