

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

WELL API NO.	3004527890
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEB <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Florance
8. Well No.	11R
9. Pool name or Wildcat	Blanco Mesaverde
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5694' GR

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.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	NAME Change to
2. Name of Operator Amoco Production Company	Attention: Kelly Stearns
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-4457	
4. Well Location Unit Letter B : 1190 Feet From The North Line and 1490 Feet From The East Line Section 30 Township 30N Range 8W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5694' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Revision of APD <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

from Florance gas Com 6 #1

Amoco Production Company requests your review of the attached revisions to complete the application for permit to drill the subject well.

If you have any questions or need more information please call Kelly Stearns at the number listed above.

RECEIVED

AUG 12 1993

OIL CON. DIV
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kelly Stearns TITLE Business Analyst DATE 08-11-1993
TYPE OR PRINT NAME Kelly Stearns TELEPHONE NO. (303) 830-4457

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE AUG 12 1993

CONDITIONS OF APPROVAL, IF ANY:

FINAL

**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM
PRELIMINARY COPY**

File: H:\group\srbu\nmexmv\lf506f46.wk3
Revision Date: 08/11/93

Lease: Florance Gas Com /G/
County: San Juan, New Mexico
Formerly Reference Well #508

Well No. 11R
Location: 1190' FNL x 1490' FEL, Sec. 30, 30N-8W

Field: Blanco Mesa Verde

OBJECTIVE: Evaluate and develop Pictured Cliff, Mesa Verde.

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	5,694 Est. GL Elev.		5,710 Est. KB Elev.	
		Marker	Depth (ft)	SS Elev. (ft)	
Rotary	0 - TD	Ojo Alamo	1,760	3,950	
LOG PROGRAM		Fruitland	2,179	3,531	
Type	Depth Interval	Pictured Cliffs *	2,386	3,324	
DIL-CAL-NGT-GR	SFC to TD	Lewis Shale	2,671	3,039	
FDC-CNL	SFC to TD	Cliff House *	4,115	1,595	
MICROLOG	TD + 1000'	Menefee *	4,198	1,512	
		Point Lookout #	4,606	1,104	
		Mancos Shale	5,006	704	

REMARKS:

TOTAL DEPTH: 5,056 654

Probable completion interval

* Possible pay.

OJO ALAMO POSSIBLE USEABLE WATER.

SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE	DEPTH INTERVAL, ETC	FREQUENCY	DEPTH	FREQUENCY	DEPTH
		None		Geolograph	0 - TD

None

Remarks:

Remarks:

MUD PROGRAM:

Approx Interval	Type Mud	Weight, #/gal	Vis, sec/qt	W/L, cc's/30 min
0' - 400'	SPUD	8.5 - 9.0	Sufficient to clean hole and maintain hole conditions for logs.	
400' - INT CSG	LSND	8.8 - 11.0		
INT CSG - TD	AIR	-		

REMARKS:

* Use minimum mud weight to control formation pressures.

CASING PROGRAM:

Casing String	Estimated Depth (ft)	Casing Size	Hole Size	Landing Point, Cement, Etc
Conductor				
Surface	400	9-5/8"	12-1/4"	1,2
Intermediate	2,821	7"	8-3/4"	1,2,3
Production	5,056	4-1/2"	6-1/4"	2,4

Remarks:

1. Circulate cement to surface.
2. Southern Rockies Drilling Team to design cement programs.
3. Casing set 100' - 150' into Lewis Shale.
4. Casing set 50' into Mancos Shale.

GENERAL REMARKS:

Southern Rockies Operations Engineer to design completion program.

Form 46 Reviewed by:

Logging program reviewed by:

PREPARED BY:

APPROVED:

APPROVED:

F. Seidel/M. Monteaux

For Production Dept

For Exploration Dept

Form 46 7-84bw

RW #506

Amoco proposes to drill the well to further develop the Mesa Verde reservoir.

The well will be drilled to the surface casing point using native mud.

The well will then be drilled to the intermediate casing point with a non-dispersed mud system.

The production hole will be drilled with air into the top of the Mancos Shale.

Surface Casing:

Quantity (ft)	Size (in)	Weight (ppf)	Description	Cement program
400	9.625	36	K-55, LT&C	282 cf Class B, 2% CaCl ₂ 1.18 cf/sx, 15.6 ppg

Hole size 12.25", 125% excess, circulate cement to surface.

Intermediate Casing:

Quantity (ft)	Size (in)	Weight (ppf)	Description	Cement program
2821	7	23	K-55, LT&C	* 2 stage

* 1st Stg Lead: 89 cf Class B, 65:35:6, 10% salt, 0.25 pps cellophane, 0.25% dispersar
1.7 cf/sx, 13.1 ppg.

* 1st Stg Tail: 118 cf Class B, 0.4% CFR-3, 0.4% Halad 344.
1.18 cf/sx, 15.6 ppg.

Top of Fruitland Coal 2179 ft
Stage tool depth 2079 ft, 100' above top of Fruitland Coal.

* 2nd Stg Lead: 403 cf Class B, 65:35:6, 10% salt, 0.25 pps cellophane, 0.25% dispersar
1.7 cf/sx, 13.1 ppg.

* 2nd Stg Tail: 177 cf Class B, 0.4% CFR-3, 0.4% Halad 344.
1.18 cf/sx, 15.6 ppg.

Hole size 8.75", washed out to 9.25", 40% excess, circulate cement to surface.

Production Liner:

Quantity (ft)	Size (in)	Weight (ppf)	Description	Cement program
2335	4.5	11.6	N-80, LT&C	* single stage
* 1st Stg Lead: 245 cf Class G, 50/50 poz, 2% gel, 0.6% Halad 9, 0.2% SCR 100. 1.19 cf/sx, 13.7 ppg.				
* 1st Stg Tail: 152 cf Class G, 35% SSA 1, 1.0% CFR 3, 0.5% Halad 24, 0.2% SCR 100 1.52 cf/sx, 15.8 ppg.				

Estimated Total Depth 5056 ft
Estimated Top of Liner 2721 ft 100' overlap into intermediate casing.

Hole size 6.25", washed out to 6.75", 25% excess.