

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Amoco Production Company

Attention:
Julie L. Acevedo

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1080'FNL 810' FWL Sec. 3 T 27N R 7W

5. Lease Designation and Serial No.

SF-078496

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

San Juan 28-7 Unit 181M

9. API Well No.

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/Basin Dakota

11. County or Parish, State

Rio Arriba New Mexico

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests your approval of the attached casing, liner and cementing revisions for the application to drill submitted on 09/13/1993.

RECEIVED
FEB 25 1994
OIL CON. DIV
DIST. 3

RECEIVED
BLM
94 FEB -3 AM 10:12
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed

Julie L. Acevedo

Title

Sr. Staff Assistant

Date

02-02-1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

FEB 04 1994

Date

DISTRICT MANAGER

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 any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side
NMOCD

FINAL COPY

AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM

File: C:\554alt46.wk3

Revision Date: 02/02/94

Lease: San Juan Unit
County: Rio Arriba, New Mexico
Formerly Reference Well #554Well No. 181M
Location: 1080' FNL x 810' FWL, Sec. 28, T28N, R7W

Field: Basin Dakota

OBJECTIVE: Evaluate and develop Pictured Cliff, Mesa Verde and Dakota reserves.

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	6,799 Est. GL Elev.		6,815 Est. KB Elev.	
Rotary	0 - TD	Marker	Depth (ft)	SS Elev. (ft)	
LOG PROGRAM		Ojo Alamo (Base)	2,530	4,285	
Type	Depth Interval	Fruitland *	3,170	3,645	
HRIL, HRFDC-CNL, GR, SP, ML, CAL, MRI*	PC-FTLND	Pictured Cliffs *	3,403	3,412	
DIL, GR, SP (Pull HR tools at normal speed	ICP-SCP	Lewis Shale	3,433	3,382	
across all interval not specified for high resolution).		Cliff House *	5,040	1,775	
HRIL, HRFDC-CNL, GR, CAL	TD - ICP	Menefee *	5,165	1,650	
		Point Lookout *	5,628	1,187	
		Mancos Shale	6,035	780	
		Greenhorn	7,540	(725)	
		Dakota #	7,630	(815)	
REMARKS:		TOTAL DEPTH: 7,930 (1,115)			
Numar, Magnetic Resonance Image (MRI), pulls at 3'/min. (409) 836 - 2955 (Numar, Brenham District).		# Probable completion interval * Possible pay. OJO ALAMO IS POSSIBLE USEABLE WATER.			
* Run at discretion of Amoco Geologist.		DRILL CUTTING SAMPLES			
SPECIAL TESTS		FREQUENCY		DEPTH	
TYPE	DEPTH INTERVAL, ETC	None		Geologist	
None		Remarks:			
Remarks:		Mudlogging Program: None			
MUD PROGRAM:		Vis, sec/qt			
Approx Interval	Type Mud	Weight, #/gal	W/L, cc's/30 min		
0 - SCP	SPUD	8.5 - 9.0	Sufficient to clean hole and maintain hole conditions for logs.		
SCP - ICP	LSND	8.8 - 11.0			
ICP - 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 (SCP)	250	11-3/4"	14-3/4"	1,2
Intermediate (ICP)	3,583	8-5/8"	10-5/8" or 11"	1,2,3
Production (TD)	7,930	5-1/2"	7-7/8"	2,4

Remarks:

1. Circulate cement to surface.
2. Southern Rockies Drilling Team to design cement programs.
3. Casing set 150' into Lewis Shale.
4. Casing set 300' into Dakota, at discretion of Amoco Geologist.

GENERAL REMARKS:

Southern Rockies Dakota Engineer to design completion program.

REVISED FOR SURFACE CASING, FORMATION TOPS & MUDLOGGER PROGRAM.

Form 46 Reviewed by:

PREPARED BY:

F. Seidel/A. Logan

Form 46 7-84bw

Logging Program reviewed by:

APPROVED:

For Production Dept

APPROVED:

For Exploration Dept

070 FARMINGTON, NM

94 FEB -3 AM 10:12

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FEB 2 5 1994

ON COM

Formerly Reference Well #554

Amoco proposes to drill the well to further develop the Dakota 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 to TD.

Surface Casing:

Quantity (ft)	Size (in)	Wt. (ppf)	Description	Cement program
250	11.75	42	H-40, ST&C	244 cf, * See Cmt Type

* Cmt Type: Class B, 2% CaCl₂ + 0.25 #/sx Flocele, 1.18 cf/sx, 15.6 ppg.
Hole size 14.75", 125% excess, circulate cement to surface.

Intermediate Casing:

Quantity (ft)	Size (in)	Wt. (ppf)	Description	Cement program
3583	8.625	24 & 32	J-55, LT&C	* 2 stage

* 1st Stg Tail: 287 cf Class B, 0.4% CFR-3, 0.4% Halad 344, 5 #/sx Gilsonite,
+ 0.25 #/sx Flocele.
1.29 cf/sx, 15.11 ppg.

Top of Fruitland Coal 3170 ft
Stage tool depth 3070 ft, 100' above top of Fruitland Coal.

* 2nd Stg Lead: 1588 cf Class B, 65:35:6, 7 #/sx salt, 0.375 #/sx Flocele, 5% Calseal,
2% Microbond.
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Protective Casing:

Quantity (ft)	Size (in)	Wt. (ppf)	Description	Cement program
7930	5.5	15.5	J-55, LT&C	* 2 stage

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5 #/sx Gilsonite, 5% Microbond HT, 0.4% VersaSet, 0.25 #/sx Flocele.
1.35 cf/sx, 13.4 ppg.

Top Picture Cliffs 3403 ft Est TCMT 3303
Top of Mesa Verde 5040 ft
Stage tool depth** 4540 ft, 500' above top of Mesa Verde.

* 2nd Stg Tail: 315 cf Class B, 50/50 poz, 2% gel, 0.4% Halad 413,
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Hole size 7.875", 60% excess, circulate cement to surface.

**A stage tool will only be used if this hole section has to be mud drilled.

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070 FARMINGTON, NM

DRILLING
DIV

BY: FRANK SEIDEL/BARRY PEISER 02/02/94
= input depths from form 46 in shaded areas to calculate cement volumes.
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Remarks:		Remarks: Mudlogging Program: None			
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Approx Interval	Type Mud	Weight, #/gal	Vis, sec/qt	W/L, cc's/30 min	
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OTO FARMINGTON, NMOIL CON. DIV.
DIST. 3

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