

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

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

800' FNL 1040' FWL Sec. 28 T28N R7W

5. Lease Designation and Serial No.

SF 078498

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

San Juan Unit 28-7 193M

9. API Well No.

30-039-25337

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 09/10/1993

RECEIVED
JAN 27 1994
OIL CON. DIV.
DIST. 3

CONFIDENTIAL
JAN 19 AM 11:02
SANTA FE, NM

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

Signed

Title

Sr. Staff Assistant

Date

01-14-1994

(This space for Federal or State office use)

Approved by

Title

APPROVED

JAN 19 1994

Conditions of approval, if any:

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 statement or representation as to any matter within its jurisdiction.

Lease: San Juan Unit
County: Rio Arriba, New Mexico
Formerly Reference Well #553

Well No. 193M
Location: 800' FNL x 1040' 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	6,144 Est. GL Elev.		6,160 Est. KB Elev.
Rotary	0 - TD	Marker	Depth (ft)	SS Elev. (ft)
LOG PROGRAM		Ojo Alamo (Base)	1,930	4,230
Type	Depth Interval	Frutland *	2,525	3,635
HRIL, HRFDC--CNL, GR, SP, ML, CAL, MRI*	PC--FTLND	Pictured Cliffs *	2,810	3,350
DIL, GR, SP (Pull HR tools at normal speed across all interval not specified for high resolution).	ICP--SCP	Lewis Shale	3,020	3,140
HRIL, HRFDC--CNL, GR, CAL	TD - ICP	Cliff House *	4,395	1,765
		Menefee *	4,523	1,637
		Point Lookout *	4,953	1,207
		Mancos Shale	5,358	802
		Greenhorn	6,918	(758)
		Dakota #	7,008	(848)
		TOTAL DEPTH:	7,208	(1,048)

REMARKS:

Numar, Magnetic Resonance Image (MRI), pulls at 3'/min.
(409) 836 - 2955 (Numar, Brenham District).

* Run at discretion of Amoco Geologist.

SPECIAL TESTS

TYPE DEPTH INTERVAL, ETC

None

Remarks:

MUD PROGRAM:

Approx Interval	Type Mud	Weight, #/gal	Vis, sec/qt	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)	400	11-3/4"	14-3/4"	1,2
Intermediate (ICP)	3,170	8-5/8"	10-5/8" or 11"	1,2,3
Production (TD)	7,208	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 150'-200' into Dakota, at discretion of Amoco Geologist.

GENERAL REMARKS:

Southern Rockies Dakota Engineer to design completion program.

REVISED WELLPLAN FROM MORRISON TD TO UPPER DAKOTA TD.

Form 46 Reviewed by:

PREPARED BY:

F. Selde/A. Logan

Form 46 7-84bw

Logging program reviewed by:

APPROVED:

For Production Dept

APPROVED:

For Exploration Dept

CONFIDENTIAL

RECEIVED

JAN 27 1994

OIL CON. DIV.
DIST. 3

Formerly Reference Well #553

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
400	11.75	42	H-40, ST&C	390 c ³ , * 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
3170	8.625	24 & 32	J-55, LT&C	* 2 stage

* 1st Stg Tail: 417 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 2525 ft
Stage tool depth 2425 ft, 100' above top of Fruitland Coal.

* 2nd Stg Lead: 1227 cf Class B, 65:35:6, 7 #/sx salt, 0.375 #/sx Flocele, 5% Calseal, 2% Microbond.
1.8 cf/sx, 13.0 ppg.

* 2nd Stg Tail: 129 cf Class B, 0.4% CFR-3, 0.4% Halad 344, 5 #/sx Gilsonite, + 0.25 #/sx Flocele.
1.29 cf/sx, 15.6 ppg.

Hole size 11", 120% excess, circulate cement to surface.

Protective Casing:

Quantity (ft)	Size (in)	Wt. (ppf)	Description	Cement program
7208	5.5	15.5	J-55, LT&C	* 2 stage

* 1st Stg Tail: 919 cf Class B, 50/50 poz, 2% gel, 0.4% Ha ad 413, 0.1% SCR 100, 5 #/sx Gilsonite, 5% Microbond HT, 0.4% VersaSet, 0.25 #/sx Flocele.
1.35 cf/sx, 13.4 ppg.

Top Picture Cliffs 2810 ft Est TCMT 2710
Top of Mesa Verde 4395 ft
Stage tool depth** 3895 ft, 500' above top of Mesa Verde.

* 2nd Stg Tail: 283 cf Class B, 50/50 poz, 2% gel, 0.4% Ha ad 413, 5 #/sx Gilsonite, 5% Microbond HT, 0.4% VersaSet, 0.25 #/sx Flocele.
1.35 cf/sx, 13.4 ppg.

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.

CONFIDENTIAL

RECEIVED
JAN 27 1994
OIL CON. DIV.
DIST. 3

10

11

12

13

14

15

16

17

18

19

20

21

22

23