Form 3160-5
(June 1990)

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

SUBMIT IN TRIPLICATE

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

2. Name of Operator
Amoco Production Company Attn: John Hampton

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL, 990' FEL, Sec. 29, T31N-R12W

5. Lease Designation and Serial No.
NM-021127

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Stanolind A #1

9. API Well No.
30 045 10387

10. Field and Pool, or Exploratory Area
Blanco Masaverde

11. County or Parish, State
San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☒ Abandonment	☐ Change of Plans
☐ Subsequent Report	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Temporary pit	☐ Dispose Water

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

RECEIVED
OCT 3 0 1991
OIL CON. DIV.
DIST. 3

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 intends to abandon the Mesaverde formation in the subject well and recomplete (plug back) to the Fruitland Coal formation per the attached procedures.

Amoco also requests approval to construct a temporary 15' X 15' X 5' (maximum size) blow pit for return fluids. This pit will be reclaimed upon completion of this operation.

Please contact Cindy Burton (303) 830-5119 if you have any questions relating to the above.

RECEIVED
BLM
91 OCT 15 AM 10:21
070 FARMINGTON, N.M.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED

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

Signed John Hampton 10/23 Title Sr. Staff Admin. Supv. Date 10/16/91

(This space for Federal or State office use)

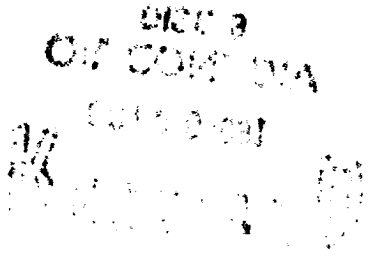
Approved by _____ Title _____ Date OCT 24 1991

Conditions of approval, if any:

AREA MANAGER
FARMINGTON RESOURCE AREA

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 Instruction on Reverse Side



RECOMPLETE TO THE BASIN FRUITLAND COAL
STANOLIND "A" #1
990' FNL, 990' FEL SECTION 29 T31N, R12W
SAN JAUN COUNTY, NEW MEXICO

PURPOSE: To PxA the Mesaverde formation and recomplete to the Basin Fruitland formation.

PROCEDURE:

1. Check location for anchors. Install if necessary. Test anchors.

2. MIRUSU. Blow well down. Kill if necessary w/ 2% KCl. NDWH. NUBOP.

3. TOH with 2-3/8" tbg. Run a bit a scrapper from surface to liner top (4523'). Run a CBL from 4500' to cement top (est at 4000'). Run a CCL Log from 4500' to surface. Run a CNL/GR from 4500' to surface.

4. TIH with tbg and cement retainer for 7" csg. Set retainer @ 4450'. Squeeze MV perforations with 100 cu. ft. Class "B" cement. Sting out of the retainer and leave cement to 4400' (12 cu. ft.).

5. Load hole with 25 Bbls 9 ppg mud. TOH.

6. RIH on wireline and set CIBP at 4000'. Spot cement plug from CIBP to 3900'. (25 cu. ft.). WOC.

7. TIH with BP and PKR. (drift I.D. of 7" J-55 20# csg is 6.331"). Set BP @ 3700'. Pull one stand and set pkr. Pressure test BP to 2000 psi. Load backside and pressure test csg to 2000 psi. Locate leak(s) and notify Denver Office if leaks are present.

8. Shoot squeeze holes near the base of the fruitland coal (2200') and block squeeze.

9. Shoot squeeze holes near the top of the fruitland coal 2000'. Using 2% KCl establish circulation with the surface. Once circulation is established cement from the top of the fruitland to surface. If circualtion can not be attained block squeeze at the top of the Fruitland.

10. Once perforation intervals (based on CNL/GR and offset logs) are selected, TIH with 4" perforating gun, 90 degree phasing, 22 gram charge. Perforate coal intervals with 8 JSPF. TOH.

11. Fracture stimulate down casing with slick water and 20/40 frac sand. Shut well in for a minimum of 4 hours.

Stanolind "A" #1 (cont)

12. Flow well back slowly to avoid sand production.

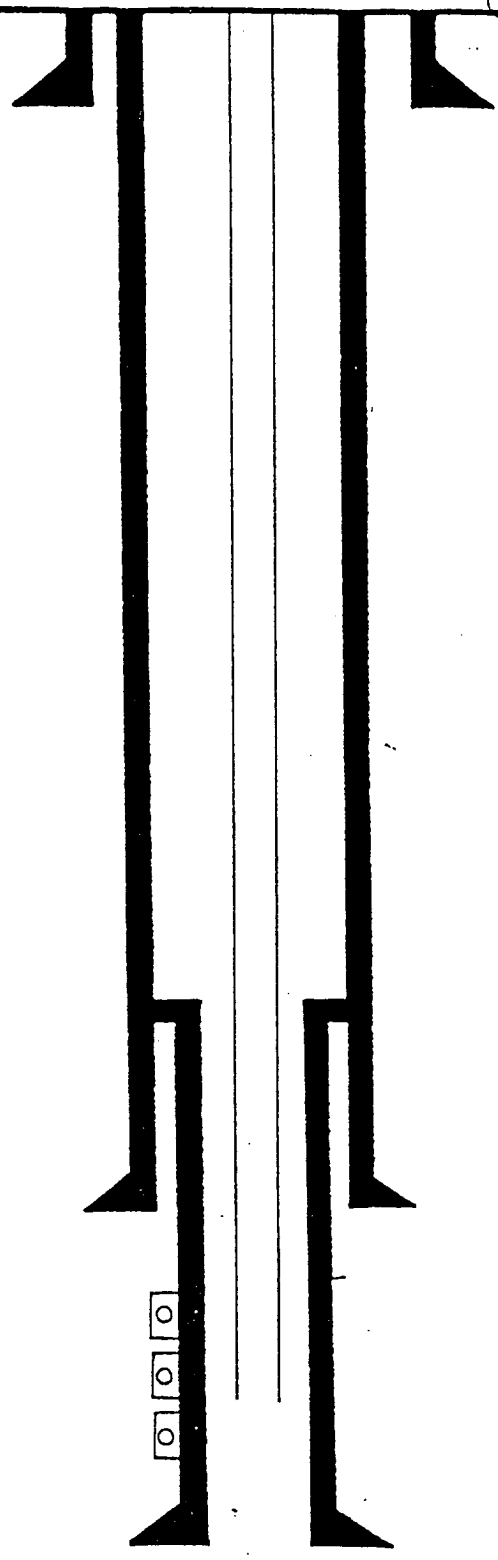
13. TIH with 2-3/8" tbg. Circulate out fill to PBTD. Land tbg. Swab well if necessary.

14. RDMOSU. Return well to production.

15. Report gas and water rates on morning wire for 2 weeks. Take wellhead gas and water samples. Submit for analysis.

********** Report any Problems to Emily Miller @ (303) 830-4214
********** or (303) 933-9677 home **********

CURRENT WB Configuration



GL 6014'
KB 6025'

9 5/8" CSA 279' X
170 SX CMT

5 1/2" LINER HUNG @
4523' X 50 SX CMT

7" CSA 4625' X 175
SX CMT

MESAVERDE PERFORATIONS:
4714'-4732'
4737'-4749'
4794'-4818'
4848'-4856'
4860'-4868'
4889'-4901'
4912'-4929'
4933'-4848'

2 3/8" TBG @ 4904'

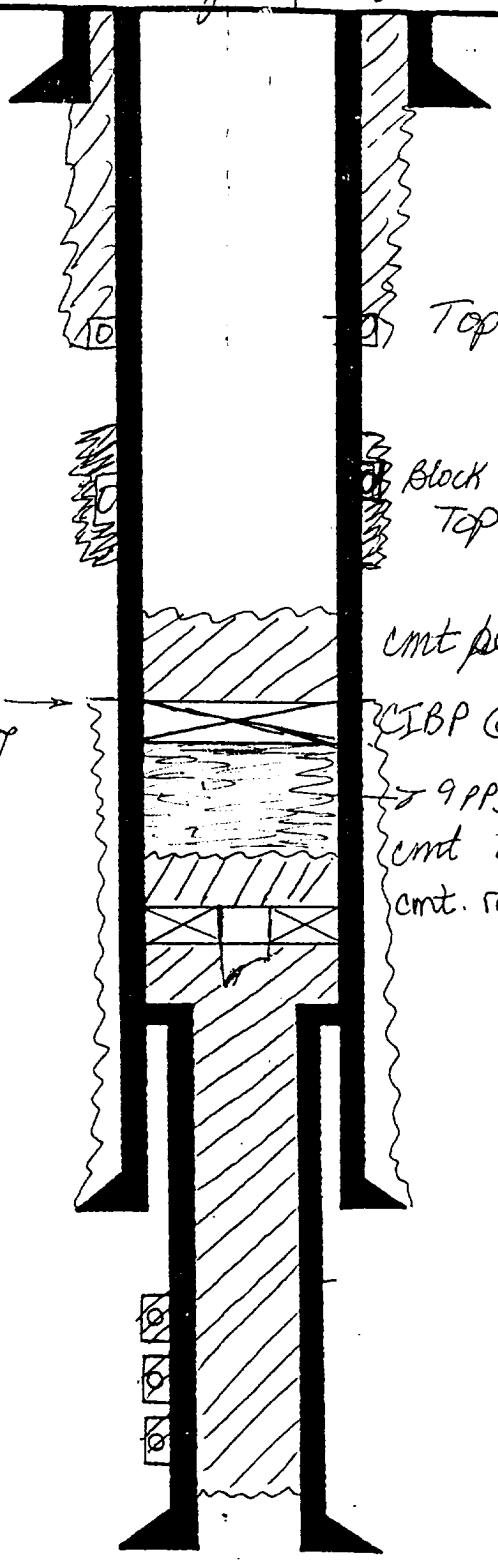
LINER LANDED @ 5000'

TD 5000'
PBD 4957'

Amoco Production Company	SCALE:
STANOLIND A NO. 1	DRG. NO.

WELLBORE configuration After Plug Back & Remedial Cmt.

GL 6014'
KB 6025'



9 5/8" CSA 279' X
170 SX CMT

Top of Fruitland

Block squeeze at 2200'
Top of Pictured Cliffs.

cmt plug to 3900'

4000' estimated cement top

CIBP @ 4000'

9 ppg mud

cmt top

cmt. retainer @ 4450

5 1/2" LINER HUNG @
4523' X 50 SX CMT

7" CSA 4625' X 175
SX CMT

MESAVERDE PERFORATIONS:
4714'-4732'
4737'-4749'
4794'-4818'
4848'-4856'
4860'-4868'
4889'-4901'
4912'-4929'
4933'-4848'

LINER LANDED @ 5000'

TD 5000'
PBD 4957'

Amoco Production Company	SCALE:
STANOLIND A NO. 1	DRG.