

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
b. TYPE OF WELL
2. NAME OF OPERATOR
3. ADDRESS AND TELEPHONE NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR., etc.)
22. APPROX. DATE WORK WILL START*

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	DENSITY (lb/gal)	YIELD (ft ³ /hr)	WATER (gal/hr)	EXCESS %
12 1/4"	WC40 9 5/8"	32.3#	120 - 135'	148 SXS (172 CU.FT.) CLS B CIRC TO SURFACE	15.8	1.19	5.2	100%
8 3/4"	WC50 7"	20#	2573'	180 SXS (515 CU.FT.) CLS B LEAD 102 SXS (130 CU.FT.) 50/50 B/POZ TAIL	11.4 13.5	2.88 1.27	17.64 5.72	80%
6 1/4"	WC50 4 1/2"	10.5#	5528'	278 SXS (403 CU.FT.) 50/50 B/POZ	12.8	1.45	7.15	25%

NOTICE OF STAKING SUBMITTED 8/16/1999

OBJECTIVE: Drill 100' into the Mancos shale, set 4 1/2" Liner across MV, perf & stimulate Cliff House, Menefee, & Point Lookout.

METHOD OF DRILLING: Rotary/Top Drive DEPTH OF DRILLING: 0' - TD
LOG PROGRAM TYPE: Cased Hole (GR-CCL-TDT) DEPTH INTERVAL: TDT - PBTD to Top of Liner GR & CCL - PBTD to 0'
MUD PROGRAM: INTERVAL TYPE MUD WEIGHT, #/GAL
0 - (120-135') 3 JTS Spud 8.6 - 9.2
(120-135') - 2573' Water/LSND 8.6 - 9.2
2573' - TD Gas/Air/Mist Volume sufficient to maintain a stable and clean wellbore

(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

(2) Top set Fruitland Coal to minimize lost circulation, air volume to maintain hole stability.

CASING & CEMENT: 1. Circulate Cement to Surface; 2. Set Casing 50' above Fruitland Coal; 3. Liner Lap should be minimum of 100'

Number of Centralizers: Surface Casing - 4. Intermediate Casing - 10

Rigless, 2-3 Stage Limited Entry Hydraulic Frac

DRILLING AND CEMENTING OPERATIONS ARE SUBJECT TO THE STANDARDS WITH ATTACHED "GENERAL REQUIREMENTS".

24. SIGNED Mary Corley TITLE SR BUSINESS ANALYST DATE 10-11-1999

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE NOV 12 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY okfe TITLE DATE

*See Instructions On Reverse Side

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.

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

RECEIVED
NOV - 3 AM 9:43

070 FAIRMONT, NM

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

2. Name of Operator
AMOCO PRODUCTION COMPANY

Attention:
Mary Corley

3. Address and Telephone No.
P.O BOX 3092 HOUSTON, TX 77253

281-366-4491

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

1710' FNL

1810' FWL

Sec. 33 T 31N R 10W

UNIT F

5. Lease Designation and Serial No.

SF - 080917

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

ATLANTIC B LS

6B

9. API Well No.

30-045-30008

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

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

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **DIRECTIONALLY DRILL**
☐ 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.)*

On our Application for Permit to Drill, Form 3160-3 filed on 10/11/1999 we failed to note that the subject well was to be directionally drilled from the surface location shown above to the following bottom hole location:

Sec. 33, T31N, T10W, 1900' FNL & 700' FWL UNIT E

Should you have any questions concerning this admendment to our drilling procedure please contact me at 281-366-4491.

RECEIVED
NOV 16 1999
OIL CON. DIV.
BUREAU

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

Signed

Mary Corley

Title

Sr. Business Analyst

Date

11-02-1999

(This space for Federal or State office use)

Approved by

/s/ Errol Becher

Title

Date

NOV 12 1999

Conditions of approval, if any:

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

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Bonito Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-30008		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 000282		5 Property Name ATLANTIC B LS			6 Well Number # 6B
7 OGRD No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6177

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
F (Lot 6)	33	31 N	10 W		1710	NORTH	1810	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 John or Infill	14 Consolidation Code	15 Order No.
309.66			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

						<p>16 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Corley</i> Signature Mary Corley Printed Name Sr. Business Analyst Title 8/16/99 Date</p>	
<p>17 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>July 26, 1999 Date of Survey Signature and Seal of Professional Surveyor GARY D. YANN NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016 Certificate Number</p>							

District I
PO Box 1980, Hobbs NM 88241-1980
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PO Drawer KK, Artesia, NM 87211-0719
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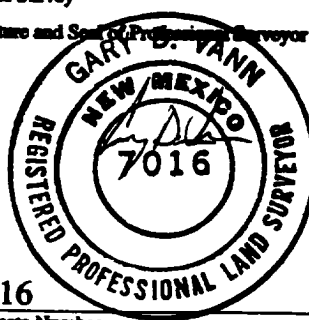
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11 Bottom Hole Location If Different From Surface

7 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 309.66		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				5205(R)				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Mary Corley</u> Printed Name <u>Mary Corley</u> Title <u>Sr. Business Analyst</u> Date <u>8/16/99</u>	
Lot 4				Lot 3					
1710'				Lot 2				18	
Lot 5				Lot 7					
1810'				Lot 8				19 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. July 26, 1999 Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number	
Lot 6				Lot 10					
Lot 12				Lot 9					
33				Lot 15					
Lot 13				Lot 16					
Lot 14									
5205(R)									

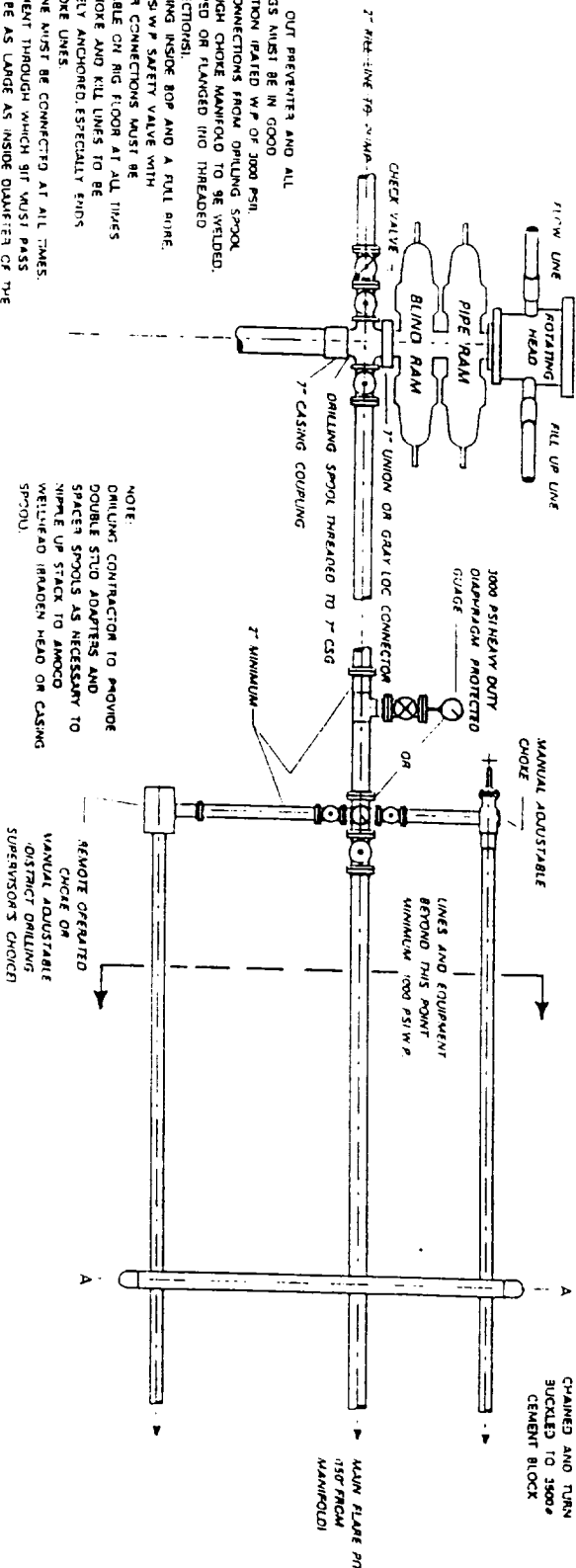
Amoco Production Company Minimum Blow-Out Preventer Requirements

Well Name: County:

Atlantic ALS 1B San Juan

State: New Mexico

MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 7 7/8" OR 11" (NOMINAL) 3,000 PSI W.P. Typical Dakota / Mesaverde Air / Mud (SRBU)



- NOTE:
1. BLOW-OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION (RATED W.P. OF 3000 PSI).
 2. ALL CONNECTIONS FROM DRILLING SPOOL THROUGH CHOKE MANIFOLD TO BE WELDED, CLAMPED OR FLANGED (NO THREADED CONNECTIONS).
 3. A STRING INSIDE BOP AND A FULL BORE, 3000 PSI W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES.
 4. ALL CHOKE AND KIL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES.
 5. KIL LINE MUST BE CONNECTED AT ALL TIMES.
 6. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
 7. MUST HAVE UPPER AND LOWER KELLY COCK ON KELLY.
 8. BLOW-OUT PREVENTER CLOSING EQUIPMENT SHALL HAVE SUFFICIENT CAPACITY TO FULFILL REQUIREMENTS OF CURRENT FEDERAL REGISTERS (AS OF 10/1/80).
 9. NO COLLECTION BOTTLES, SINCE TANKS OR BUFFER CHAMBERS, COMBUSTIBLES OF THE CHOKE MANIFOLD.
 10. ALL TURNS TO BE MADE WITH TANGENTED "EES" (15-24 INCH), NO TURNS OR SWEETS IN LINE FROM BOP TO CHOKE MANIFOLD.
 11. IF A FLEXIBLE JOINT IS TO BE USED AS A CHOKE LINE, IT MUST BE APPROVED BY AMOCO PRIOR TO RUNNING UP.
 12. LOCK TO BE INSTALLED FOR SHUT-IN PRESSURE CONTROL.

- NOTE:
1. DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER SPOOLS AS NECESSARY TO WELLS UP STACK TO AMOCO WELLSHEAD (HEAD) ON CASING SPOOL.

- NOTE:
1. ALL UNWEAR VALVES TO BE FULL-OPENING GATE OR PLUG VALVES, METAL TO METAL SEAL, 3000 PSI W.P.

- NOTE:
1. CHOKE ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL LINES SECURELY EVERY 30' AND WITHIN 5' OF END OF LINE.
 2. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ALL LINES AND VALVES.