

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-079232	
2. NAME OF OPERATOR Amoco Production Company 778 ✓ Attention: Julie L. Acevedo		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201 (303) 830-6003		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790FNL 1/20FNL At proposed prod. zone		8. FARM OR LEASE NAME, WELL NO. 327 Bolack C LS #11A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 36 miles from Aztec, N.M.		9. API WELL NO. 30-045-29249 ✓	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		10. FIELD AND POOL, OR WILDCAT 72319 B lanco Mesaverde ✓	
16. NO. OF ACRES IN LEASE 2552.22		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA D Section 28 Township 27N Range 8W ✓	
17. NO. OF ACRES ASSIGNED TO THIS WELL W/320 ✓		12. COUNTY OR PARISH San Juan	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		13. STATE New Mexico	
19. PROPOSED DEPTH 4660' TD		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR., etc.) 6106' GL ✓		22. APPROX. DATE WORK WILL START* 06-01-95	
23. PROPOSED CASING AND CEMENTING PROGRAM			

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	8.625"	24# J-55	50'	36cu.ft. CI B Circ. to surface
7.88"	5.5"	14# J-55	2386'	662cu.ft. CI B Circ. to surface
4.75"	2.875"	6.5# N-80	4660'	240cu.ft. CI B

Notice of staking submitted: 4/11/95 as the Bolack C LS 11A.

LEASE DESCRIPTION:

T-27-N R--8-W

SEC 28: LOTS 1(37.78), 2(38.01), 3(38.33), 4(38.10), NW/4, S/2

SEC 29: ALL

SEC 30: E/2

SEC 31: E/2

SEC 33: ALL

DRILLING OPERATIONS SHOULD BE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

RECEIVED
MAY 17 1995
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Julie L. Acevedo TITLE Sr. Staff Assistant DATE 04-14-1995

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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 [Signature] TITLE NMOC DATE MAY 15 1995

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

DISTRICT MANAGER

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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

APR 10 1995 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29249		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 327		5 Property Name BOLACK CLS			6 Well Number # 11A	
7 OGRID No. 00778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6106	

10 Surface Location

UL or lot no. D	Section 28	Township 27 N	Range 8 W	Lot Idn	Feet from the 790	North/South line NORTH	Feet from the 1120	East/West line WEST	County SAN JUAN
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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
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

BUN RECORD 16 1249.87' 13 135.35' 12 1120' 11 790' 10 1335.34'	16 1249.87'	17 1249.88'		
	RECEIVED MAY 17 1995 OIL CON. DIV. DIST. 3			
	28			

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature
Julie L. Acevedo

Printed Name
Sr. Staff Assistant

Title
4/11/95

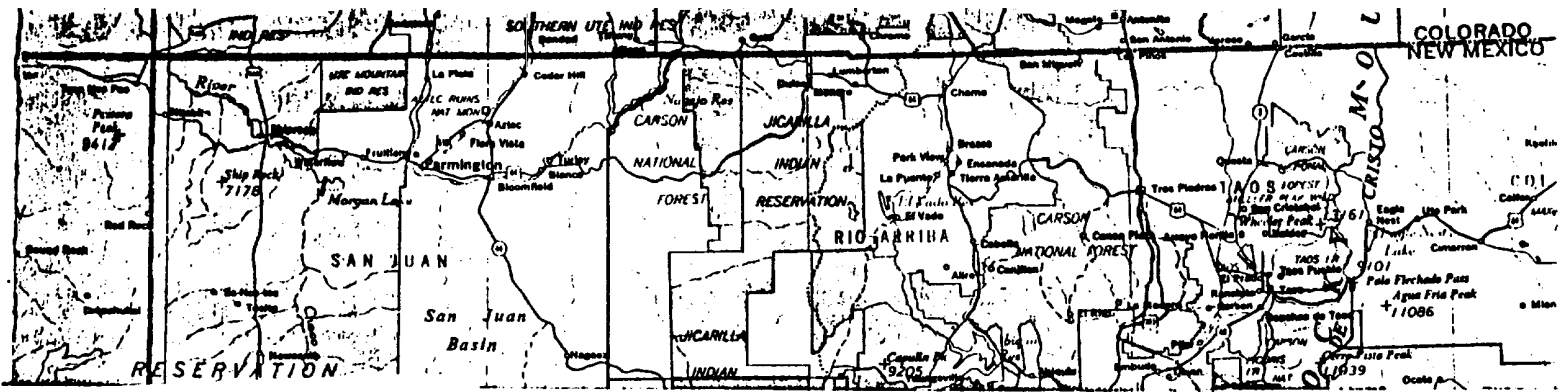
Date

18 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.

Date of Survey
February 8, 1995

Signature and Seal of Professional Surveyor:
GARY D. VAAN
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016

7016
Certificate Number



BOLACK CLS # 11 A

790' F/NL

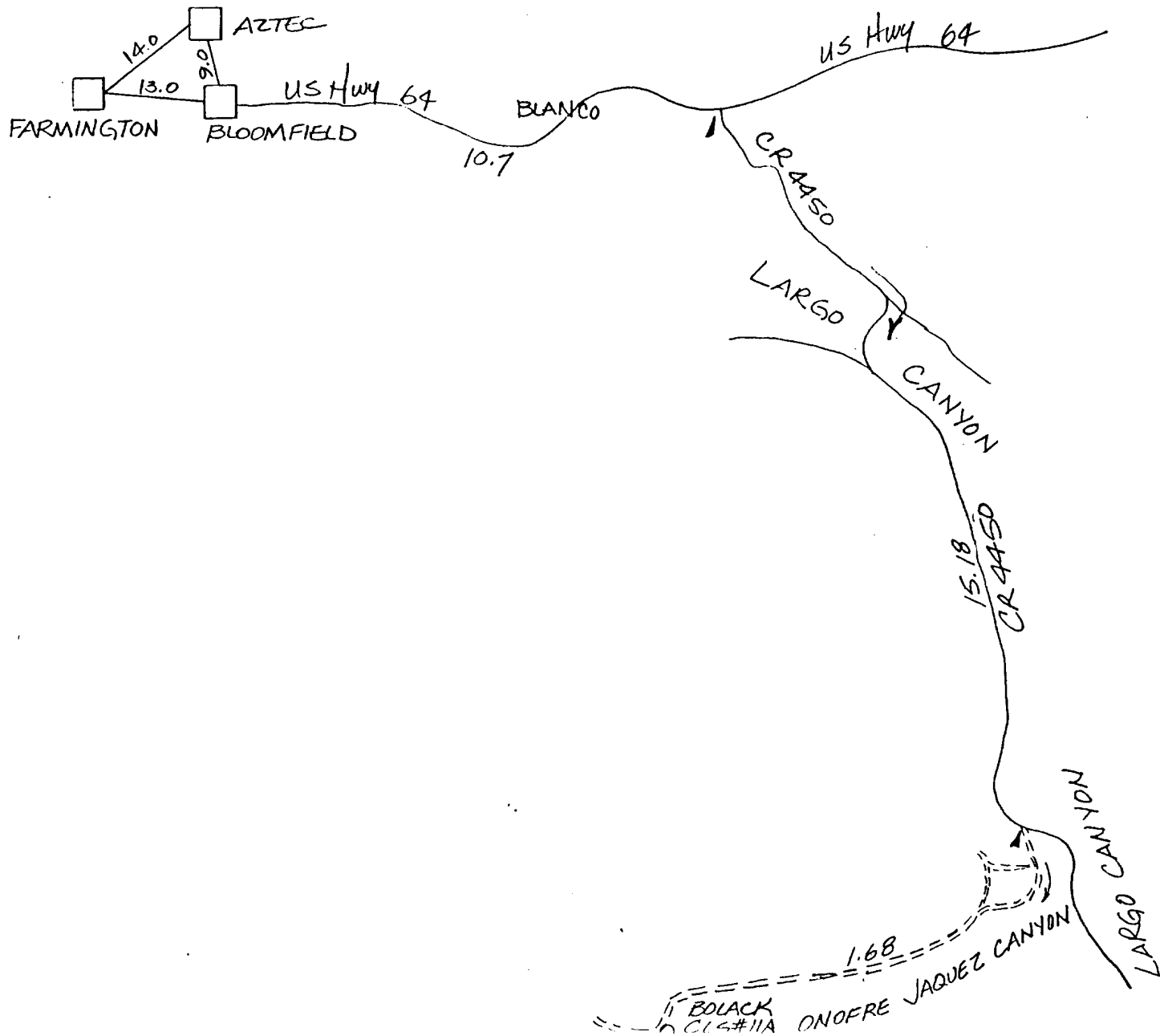
1120' F/WL

SECTION 28, T27N, R8W, N.M.P.M.

RAIL POINT: 179 miles from Montrose, Co.

MUD POINT: 36 miles from Aztec, N.M.

CEMENT POINT: 40 miles from Farmington, N.M.





AMOCO PRODUCTION COMPANY
BOLACK CLS # 11 A
790' F/NL 1120' F/WL
SECTION 28, T27N, R8W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

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:

Diane Banning

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

790 FNL 1120 FWL Sec. 28 T 27N R 8W

5. Lease Designation and Serial No.

SF-079232

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bolack C LS 11A

9. API Well No.

10. Field and Pool, or Exploratory Area

Mesaverde

11. County or Parish, State

San Juan County 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 Surface Disturbance
☐ 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 approval for surface disturbance on existing lease for the purpose of laying pipeline from specified well to the El Paso Natural Gas Company system tie-in. See attached for location specifics. Survey diagram and Archaeological Report findings to follow.

Surface disturbance to include setting of meter house, measurement equipment and pipeline stub up.

RECEIVED
JUL - 5 1995

OIL CON. DIV.
DIST. 3

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

Signed

Diane Banning

Title

Unit Tie Cord

Date

04-20-1995

(This space for Federal or State office use)

APPROVED

Approved by

Title

JUN 28 1995

Conditions of approval, if any:

RECEIVED

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

NMOC

SURFACE DISTURBANCE REQUIREMENTS ATTACHMENT
Bolack C LS #11A
NW/4 Sec. 28, T27N, R8W

- 1) Type of Pipe to be used: 4 1/2" OD 156 ERW; X42
 - 2) Size of Pipe: 4 1/2" OD; 4" ID
 - 3) MAOP = 500#; Test Pressure = 1080#
 - 4) Length of Line: 162 feet
 - 5) Direction Line Will Run From Well and Where it Will End:

From the new well in a southerly direction approximately 162 feet to tie to the EPNG Gathering System.
 - 6) The EPNG tie-in point is noted on the enclosed survey.
 - 7) Method or Trenching: Backhoe
 - 8) Trench Width and Depth: Width = 30"
Depth = 60"
 - 9) The Trench will be backfilled immediately.
 - 10) The disturbed area will be compacted, re contoured, maintained to control settling and erosion.
 - 11) The surface area disturbed will be reseeded where applicable with a seed mix approved by the BLM. The reclamation will be completed by 6/1/96 if connected by 10/1/95.
 - 12) Individual who can be contacted for any necessary field inspections is John Schwarz at (505) 326-9223.
 - 13) Attached is a 7 1/2 minute quadrangle topo map showing the proposed area of disturbance.
 - 14) An Archaeological Survey covering the proposed disturbance is on file.
-

BLM

BLANCO

GATHERING SYSTEM

DWG. NO.

LINE AMOCO PRODUCTION CO. - BOLACK C LS No. 11A

WO NO.

RW NO. 957001

FROM 0+00 = 0+51.9 ON AMOCO PRODUCTION CO.-BOLACK C LS No. 12

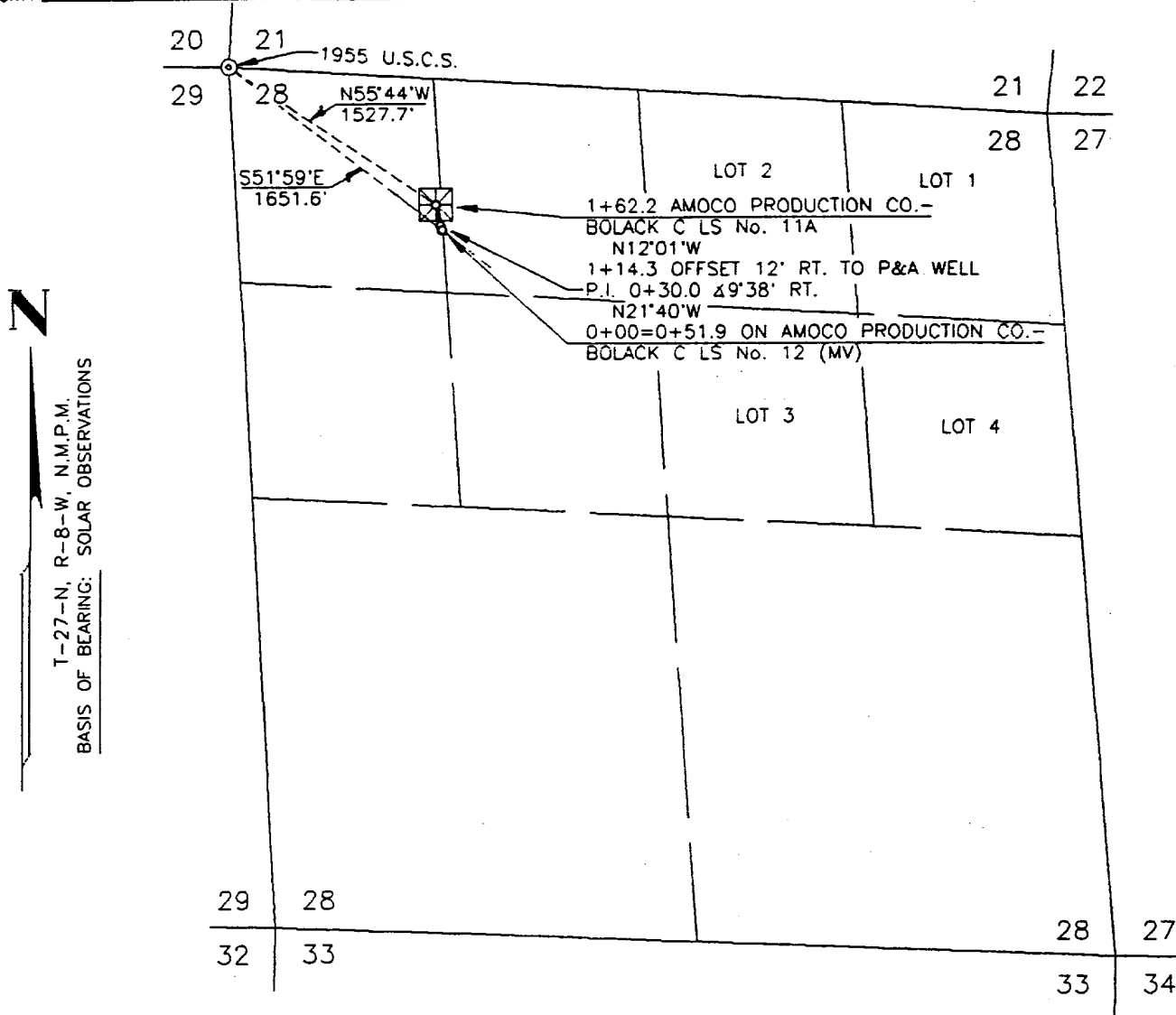
DATE 6/2/95

(BLD9-5-1, R/W No.)

SCALE 1" = 1000'

SURVEYED 5/10/95

COUNTY SAN JUAN STATE NEW MEXICO SECTION 28 TOWNSHIP 27-N RANGE 8-W, N.M.P.M.



DWN. BY RAF CONSTR. COMMENCED _____ APPL. DWG. _____ SLACK CHAIN _____
 CKD. BY _____ CONSTR. COMPLETED _____ DATE _____ PIPE SIZE 4 1/2" O.D.

PRINT RECORD

PIPE DATA

METER STA. NO.

MV

3	R/W
4	SJ DIST.
3	EP DIST.

NOTE: WELL FLAG

PRELIMINARY

SUBDIVISION

OWNER

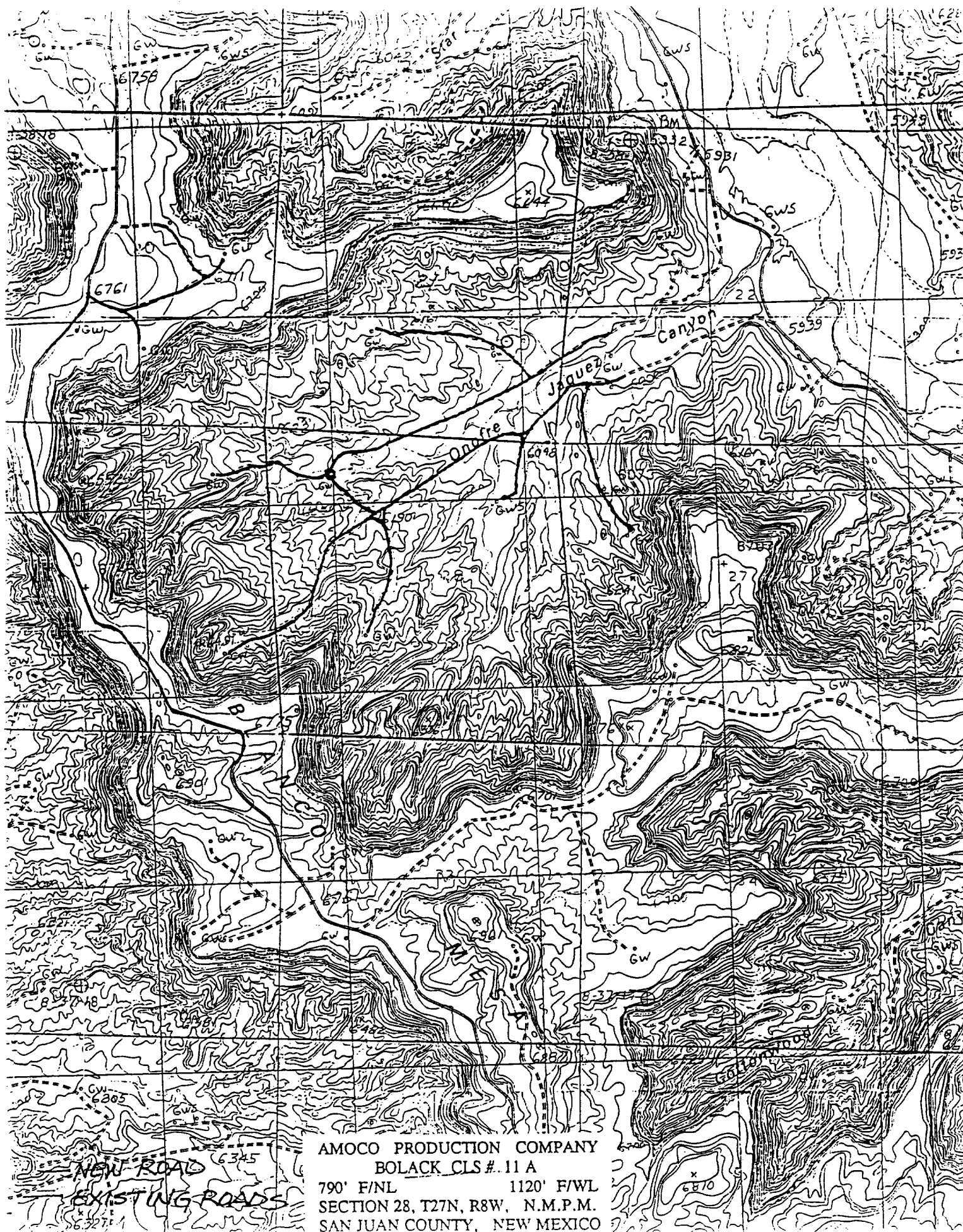
LESSEE

R/O/S

REV. OWNERSHIP

FM24 (Rev. 6/94)

WL 4371



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

Amocc Production Company

Attention:

Patty Haefele

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

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

790' FNL 1120FWL

Sec. 28 T 27N R 8W

Unit D

5. Lease Designation and Serial No.

SF-079232

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bolack C LS 11A

9. API Well No.

3004529249

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 Spud & Set Casing

- ☐ 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.)*

MIRU spud rig. Spud a 12.25" conductor hole on 6/12/95 at 0700 hrs. Drilled to 43'. Set 8.625" conductor pipe at 43'. Cement pipe to surface. Rig released 6/12/95.

MIRURT 6/19/95. Drill a 7.875" surface hole on 6/21/95 at 0900 hrs. Drilled to 2412. Set 5.5" 14# CF-50 surface casing at 2401'. Cemented with 340 sx Class B standard. Circulated 22 bbls to surface. Pressure tested casing to 1050 psi.

Drilled a 4.75" hole to a depth of 4700' on 6/24/95. Set 2.875" 6.5# N-80 production casing at 4678 ft. Cemented with 130 sx Class B lead. TOC 2000'. Rig released at 18:00 hrs on 6/24/95.

RECEIVED
JUL 10 1995
OIL CON. DIV.
DIV. 3

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

Signed

Patty Haefele

Title

Staff Assistant

Date

06-28-1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

JUL 05 1995

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.

FARMINGTON DISTRICT OFFICE

TABULATION OF DEVIATION TESTS

* * AMOCO PRODUCTION COMPANY * *

DEPTH	DEVIATION	DEPTH	DEVIATION
748'	.50		
1517'	1.00		
2412'	.50		
2888'	1.00		
3444'	1.00		
3938'	1.25		
4678'	1.25		

AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge, the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S:

Bolack C LS #11A

Section 28 Township 27N Range 8W

790' FNL 1120' FWL, San Juan Co., New Mexico

Signed

Patricia J. Haeefe

Title

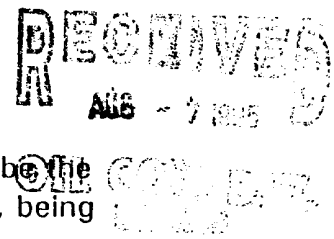
Staff Assistant

THE STATE OF COLORADO)

City and) SS.

COUNTY OF DENVER)

BEFORE ME, the undersigned authority, on this day personally appeared Patricia J. Haeefe known to me to be Staff Assistant for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me dully sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.



SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and State this 4th day of August, 19 95

Erica W. Baker

Notary Public

My Commission Expires: My Commission Expires
AUGUST 20, 1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-079232

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Bolack C LS #11A

9. API WELL NO.

30-045-29249

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA

Section 28

Township 27N Range 8W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED

6/12/95

16. DATE T.D. REACHED

6/17/95

17. DATE COMPL. (Ready to prod.)

9/14/95

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6106' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4700'

21. PLUG, BACK T.D., MD & TVD

4644'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

YES

CABLE TOOLS

NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Mesaverde 4422-4584

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, GR, CL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8.625" J-55	24#	43'	12.25"	Cmt to surf; 100 sx Class B	
5.5" CF-50	14#	2401'	7.875"	340 sx Class B, cmt to surface	
2.875" N-80	6.5#	4678'	4.75"	130 sx Class B, TOC 1266 ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.25"	4530'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and type)

See attachment

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

See attachment

33.* DIST. 3 PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
8/19/95		Flowing					S/I-WAITING ON PIPLN	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO	
9/11/95	24	32/64		0	450	0		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)		
60	55		0	450	0			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

Perf and frac

NMOCD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Patty Haeefe

TITLE

Staff Assistant

FARMINGTON DISTRICT OFFICE
DATE 9/20/95

*(See Instructions and Spaces for Additional Data on Reverse Side)

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION				38. GEOLOGIC MARKERS		
TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Fruitland	1950'	
				Pictured Cliffs	2163'	
				Cliff House	3770'	
				Menefee	3854'	
				Point Lookout	4440'	

Bolack C LS 11A

30-045-29249

Sec. 28 T25N R8W

Begin work 8/9/95. Run CBL, GR, CL from 1680-4628 ft. TOC at 1266 ft. Pressure test casing 8200 psi, held. Perforate: 4424, 4442, 4456, 4464, 4474, 4479, 4486, 4504, 4508, 4519, 4526, 4541, 4557, 4570, 4578 with 1 JSPF, .280" diameter, 15 total shots, 2" gun size, 120 deg phasing, 7 gms. Acidize 4424-4578 ft with 2 bbls hydrochloric acid, max pressure 4750 psi, max rate 7.1 bpm. Balled off well with good ball action.

Frac 4424-4578 ft with 199,184 lbs 16/30 sand; 1,419,038 scf; gel strength 30, 65%, 67%, & 70% foam quality. Max pressure 7285 psi. Max rate 29.0 bpm. Flow well. Tag sand at 3910 ft. Clean out sand 3910-4628 ft with N2. Flow well. CP 100 psi. Tag at 4431', 192 ft of fill in well. Cleanout sand 4431-4623 with nitrogen.

Re-perforate MV interval: 4576-4584, 4568-4572, 4556-4558, 4438-4550, 4422-4426 with 2 JSPF, diameter .280", 260 total shots fired, gun size 2", phasing 180 deg, 7.5 gms. Flow well. Tag at 4576 ft. Cleanout 4574-4668 ft - 94 ft fill. Landed 1.25" tubing at 4530 ft. Finish work 9/14/95.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Amoco Production Company P.O. Box 800 Denver, CO 80201		OGRID Number 000778
		Reason for Filing Code NW
API Number 30 - 0 45-28249	Pool Name Blanco Mesaverde	Pool Code 72319
Property Code 327	Property Name Bolack C LS	Well Number 11A

II. Surface Location

UL or lot no. D	Section 28	Township 27N	Range 8W	Lot Idn	Feet from the	North/South Line North	Feet from the	East/West line West	County San Juan
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Use Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
007057	El Paso Natural Gas	2816044	C	

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SEP 2 1995
OIL CON. DIV.
DIST. 3

IV. Produced Water

POD 2816045	POD ULSTR Location and Description
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V. Well Completion Data

Spud Date 6/12/95	Ready Date 9/14/95	TD 4700'	PBTD 4644	Perforations 4422-4584	DIIC, DC, MC
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		
12.25"	8.625"	43'	100 sx Class B		
7.875"	5.5"	2401'	340 sx Class B		
4.75"	2.875"	4678'	130 sx Class B		
	1.25"	4530'			

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date 9/11/95	Test Length 24 hrs	Tbg. Pressure 60	Csg. Pressure 55
Choke Size 32/64	Oil 0	Water 0	Gas 450	AOF	Test Method F

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Title:

Date:

Patty Haelele

Patty Haelele

Staff Assistant

9/20/95

Phone: (303) 830-4988

OIL CONSERVATION DIVISION

Approved by:

Original Signed by FRANK T. CHAVEZ

Title:

SUPERVISOR DISTRICT # 3

Approval Date:

SEP 27 1995

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT

Report all gas volumes at 15.025 PSIA at 60°. Report all oil volumes to the nearest whole barrel.

A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 111.

All sections of this form must be filled out for allowable requests on new and recompleted wells.

Fill out only sections I, II, III, IV, and the operator certifications for changes of operator, property name, well number, transporter, or other such changes.

A separate C-104 must be filed for each pool in a multiple completion.

Improperly filled out or incomplete forms may be returned to operators unapproved.

1. Operator's name and address
2. Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
3. Reason for filing code from the following table:

NW	New Well
RC	Recompletion
CH	Change of Operator (Include the effective date.)
AO	Add oil/condensate transporter
CO	Change oil/condensate transporter
AG	Add gas transporter
CG	Change gas transporter
RT	Request for test allowable (Include volume requested)

If for any other reason write that reason in this box.
4. The API number of this well
5. The name of the pool for this completion
6. The pool code for this pool
7. The property code for this completion
8. The property name (well name) for this completion
9. The well number for this completion
10. The surface location of this completion NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
11. The bottom hole location of this completion
12. Lease code from the following table:

F	Federal
S	State
P	Fee
J	Jicarilla
N	Navajo
U	Ute Mountain Ute
I	Other Indian Tribe
13. The producing method code from the following table:

F	Flowing
P	Pumping or other artificial lift
14. MO/DA/YR that this completion was first connected to a gas transporter
15. The permit number from the District approved C-129 for this completion
16. MO/DA/YR of the C-129 approval for this completion
17. MO/DA/YR of the expiration of C-129 approval for this completion
18. The gas or oil transporter's OGRID number
19. Name and address of the transporter of the product
20. The number assigned to the POD from which this product will be transported by this transporter. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.
21. Product code from the following table:

O	Oil
G	Gas
22. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A", "Jones CPD", etc.)
23. The POD number of the storage from which water is moved from this property. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.
24. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A Water Tank", "Jones CPD Water Tank", etc.)
25. MO/DA/YR drilling commenced
26. MO/DA/YR this completion was ready to produce
27. Total vertical depth of the well
28. Plugback vertical depth
29. Top and bottom perforation in this completion or casing shoe and TD if openhole
30. Write in 'DHC' if this completion is downhole commingled with another completion, 'DC' if this completion is one of two non-commingled completions in this well bore, or 'MC' if there are more than three non-commingled completions in this well bore.

31. Inside diameter of the well bore
 32. Outside diameter of the casing and tubing
 33. Depth of casing and tubing. If a casing liner show top and bottom.
 34. Number of sacks of cement used per casing string
- If the following test data is for an oil well it must be from a test conducted only after the total volume of load oil is recovered.
35. MO/DA/YR that new oil was first produced
 36. MO/DA/YR that gas was first produced into a pipeline
 37. MO/DA/YR that the following test was completed
 38. Length in hours of the test
 39. Flowing tubing pressure - oil wells
Shut-in tubing pressure - gas wells
 40. Flowing casing pressure - oil wells
Shut-in casing pressure - gas wells
 41. Diameter of the choke used in the test
 42. Barrels of oil produced during the test
 43. Barrels of water produced during the test
 44. MCF of gas produced during the test
 45. Gas well calculated absolute open flow in MCF/D
 46. The method used to test the well:

F	Flowing
P	Pumping
S	Swabbing

If other method please write it in.
 47. The signature, printed name, and title of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report
 48. The previous operator's name, the signature, printed name, and title of the previous operator's representative authorized to verify that the previous operator no longer operates this completion, and the date this report was signed by that person

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Amoco Production Company P.O. Box 800 Denver, CO 80201		OGRID Number 000778
		Reason for Filing Code AO
API Number 30 - 0 45-28249	Pool Name Blanco Mesa Verde	Pool Code 72319
Property Code 327	Property Name Bolack C LS	Well Number 11A

II. Surface Location

UL or lot no. D	Section 28	Township 27N	Range 8W	Lot Idn	Feet from the 790	North/South Line North	Feet from the 1120	East/West line West	County San Juan
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Use Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
9018	Giant Refining Co. P.O. Box 12999 Scottsdale, AZ 85267	2816209	0	
007057	El Paso Natural Gas P.O. Box 1000 El Paso, TX 79901			

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DIC, DC, MC
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Title:

Date:

Phone: (303) 830-4988

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

SUPERVISOR DISTRICT #3

OCT 25 1995

Previous Operator's Name

Title

Date

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 RioBrazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
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☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CROSS TIMBERS OPERATING COMPANY 6001 Highway 64 Farmington, NM 87401		² OGRID Number 167067
		³ Reason for Filing Code Change of Operator 12/1/97 1/1/98
⁴ API Number 30-045-29249	⁵ Pool Name BLANCO MESAVERDE	⁶ Pool Code 72319
⁷ Property Code	⁸ Property Name BOLACK C LS	⁹ Well Number 11A

II. ¹⁰ Surface Location

UL or lot no. D	Section 28	Township 27N	Range 08W	Lot.Idn	Feet from the 790	North/South Line N	Feet from the 1120	East/West line W	County SJ
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description

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OIL CON. DIV.
DIST. 3

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBSD	²⁹ Perforation	³⁰ DHC,DC,MC
³¹ Hole Size	³² Casing and Tubing Size	³³ Depth Set	³⁴ Sacks Cement		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Vaughn O. Vennerberg</i>			OIL CONSERVATION DIVISIO		
Printed Name: Vaughn O. Vennerberg, II			Approved by: Frank T. Chavez		
Title: Sr. Vice President-Land			Title: Supervisor District #3		
Date: December 1, 1997			Approval Date:		
Phone: (505) 632-5200					
⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator <i>Gail Jefferson</i>			Amoco Production Company OGRID# 000778		
Previous Operator Signature			Senior Administrative Staff Assistant 12/01/97		
Printed Name			Title		
			Date		

