

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Revised 06/99

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PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE
OCT - 1 1999

APPLICATION FOR
WELL WORKOVER PROJECT

OIL CON. DIV.
DIST. 3

I. Operator and Well

Operator name & address Amoco Production Company P.O. Box 3092 Houston, TX 77253						OGRID Number 000778		
Contact Party Mary Corley						Phone 281-366-4491		
Property Name Fields A				Well Number 20		API Number 30-045-22152-27742		
UL A	Section 25	Township 32N	Range 11W	Feet From The 790'	North/South Line North	Feet From The 790'	East/West Line East	County San Juan

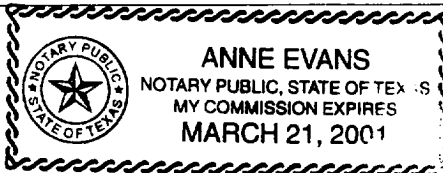
II. Workover

Date Workover Commenced: October 1 1998	Previous Producing Pool(s) (Prior to Workover): Basin Fruitland Coal
Date Workover Completed: October 13 1998	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of <u>Texas</u>)		
) ss.		
County of <u>Harris</u>)		
<u>Mary Corley</u> , being first duly sworn, upon oath states:		
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.		
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.		
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.		
Signature <u>Mary Corley</u>	Title <u>Sr. Business Analyst</u>	Date <u>September 30 1999</u>
SUBSCRIBED AND SWORN TO before me this <u>30</u> day of <u>September</u> , <u>1999</u> .		
		<u>Anne Evans</u> Notary Public
My Commission expires: <u>March 21 2001</u>		

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 10/12/98.

Signature District Supervisor <u>SS. J</u>	OCD District <u>3</u>	Date <u>10/19/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED 10716
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

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98 DEC 18 PM 12:53

070 FARMINGTON, NM

5. Lease Designation and Serial No.
NM-010989

6. If Indian, Allocated or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Fields A #20

9. API Well No.
3004527742

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
SAN JUAN NEW MEXICO

Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator
AMOCO PRODUCTION COMPANY

Attention:
Pat Archuleta

Address and Telephone No.
P.O. BOX 800 DENVER, COLORADO 80201 (303) 830-5217

Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FNL 790' FEL Sec. 25 T 32N R 11W UNIT A

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Install Liner</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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 zones pertinent to this work.)

MIRUSU 10/1/98.

Lay relief and blowie line, nipple up BOPE and equalize 200 psi gas to stack and tested all rams and bonnet seals to 200 psi w/natural gas. Unseat hanger, toh laying down 2.875' tbg 85 jts.

P/U 2.785 X 3.5 drill string w/4.75 bit, tag bridge at 2760' and c/o t/2900' and can not get deeper. Poor circ returns w/600, 1200, 1400, 1600 and 1800 cfm air and 6 t/14 bph msst rate. Shor trip tag 2784' and toh t/underream, very little returns.

Unable to get deeper than 2900' w/bit toh p/u pdc under reamer and tih open arms below window and f/2618 t/2855 under ream to 8 inches, top portion was mostly open and lower had to be opened up. Reamer stopped at 2855'.

TIH w/4.75 bit after underreaming t/2855 c/o bridge at 2792' and hard tight hole t/2930 and fight tight hole and poor circ and twist off drill collar pin, left 4 drill collars in hole.

Made one unsuccessful run w/over shot and drill collars. Had to lay down dc's and p/u and bent a joint of drill pipe and were able to catch fish in 8 in plus open hole and toh w/fish.

I hereby certify that the foregoing is true and correct.

Signed Pat Archuleta

Title

Staff Assistant

Date

12-14-1998

Space for Federal or State office use

JAN 12 1999

SRBU PERMITTING

Approved by

Conditions of approval, if any:

ACCEPTED FOR RECORD

3 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.

JAN 07 1999

* See Instructions on Reverse Side

OPERATOR

FARMINGTON DISTRICT OFFICE
Sum

FIELDS A #20 **API #3004527742**

Attempt c/o and had poor circ made very little progress w/drill collars in window toh and drop 3.5 in drill collars for smaller and shorter bha.

W/6 ea 3.125" dc's and 4.75 bit c/o f/2768 t/2929 and could not get to td 2986' appears bit is bad, very rugged hole f/2855 t/2929 w/better circ and no dc's across window. Abort c/o and try to open hole w/underreamer.

TIH w/pdc 8 in underreamer and tag at 2780' and break circ and work thru bridges at 2780 t/2855 and underream f/2855 t/2870 and stop w/no progress, appears to be a ledge or hi angle change in hole. Abort any further hole opening.

Laydown underreamer, tih w/4.75 button bit 6 ea 3.5" drill collars and c/o 2986 circ and short tip 2 jts, 3 3 jts, 4 jts and 6 jts t/2776 and ream out ledges as angle drops f/2800 t/2930. Hole f/2930 t/2986 appears stable, circ rat 1200 cfm 8 bph mist.

Ran 4" hydrill ST&L casing made up to 1800 ft/lbs, drifted t3.3 inches and top of liner at 2548' and 4.75 bit sa 2985'. Circ last 12' t/bottom and active hyd Baker SLP-R liner hanger, toh ld drill pipe. Did not cement liner, ld dc's and nd bope, nu wh.

RU and perforated with HYPD scallop Hyperdome 2 1/8" gun with a .23" hole size with 6.5 grams charge, from 2701-2704', 2722-2726', 2743-2759', 2830'-2840', 2954-2969', w/4 jspf, .230 inch diameter, total of 200 shots fired.

Ran a taper string of 2 1/16' I.J., tbg 2 1/16", seating nipple with a 1.460" I. D. Ran to the surface with 2 3.8" EUE tbg.

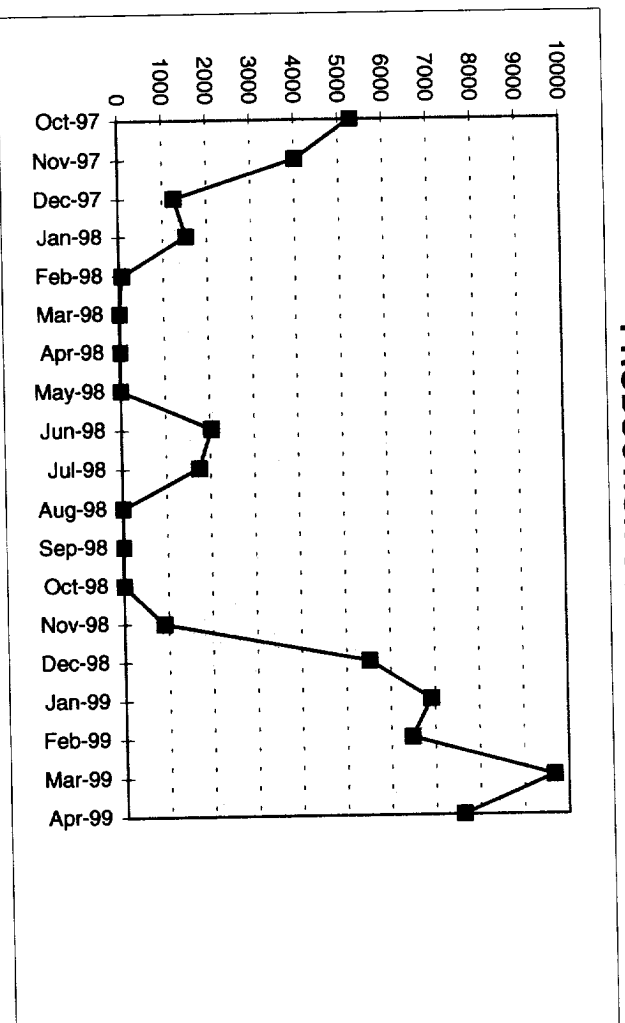
RDMOSU 10/13/98

Fields A 20
BASIN FRUITLAND COAL
API 30-045-27742
FLAC # 704316-01
LOCATION S25 T32N R11W
INSTALLED LINER
COMPLETED 10/13/98

PRODUCTION TABLE

Oct-97	5286
Nov-97	4023
Dec-97	1270
Jan-98	1537
Feb-98	76
Mar-98	0
Apr-98	0
May-98	0
Jun-98	2041
Jul-98	1745
Aug-98	0
Sep-98	0
Oct-98	0
Nov-98	892
Dec-98	5526
Jan-99	6912
Feb-99	6477
Mar-99	9680
Apr-99	7624

PRODUCTION CURVE



INSTALLED LINER