Form 3160-5 (June 1990)

1. Type of Well ☐ Well

2. Name of Operator

3. Address and Telephone No.

1950' FWL 1650' FEL

TYPE OF SUBMISSION

Notice of Intent

Amoco Production Company

P.O. Box 800, Denver, Colorado 80201

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

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY	NOTICES	AND	REPORTS	ON	WELL	C
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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

FØRM APPROVED				
Budget Bureau No. 1004-0135				
Expires: March 31, 1993				

	NIMENT OF THE INTERIOR NU OF LAND MANAGEMENT	Budget Bureau No. 1004-0135 Expires: March 31, 1993  6. Lease Designation and Serial No.  SF-077941-A  6. If Indian, Allottee or Tribe Name	
ot use this form for pro	OTICES AND REPORTS ON WELLS possels to drill or to deepen or reentry to a different reservoir. CATION FOR PERMIT - " for such proposels		
		7. If Unit or CA, Agreement Designation	
Ges Other		B. Well Name and No.	
Production Company Gail M. Jefferson, Rm 1295C		C. A. McAdams D #2	
		B. API Well No.	
elephone No.		3004511562	
800, Denver, Colorado 80201 (303) 830-6157		10. Field and Pool, or Exploratory Area	
il Ifoolage, Sec., T., R., M., o	Survey Description)	Basin Dakota	
N WL 1650' FEL	Sec. 20 T27N R 10W Unit G	11. County or Parish, State	
Mr 1020, LEP	Sec. 20 127N R 10W Unit G	San Juan New Mexico	
CHECK APPROPR	ATE BOX(s) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA	
FSUBMISSION	TYPE OF ACTION		
if Intent	Abandonment Recompletion	Change of Plans New Construction	

(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 partinent to this work.)\*

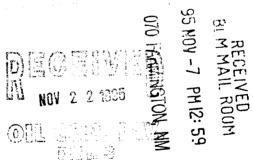
Altering Casing

Amoco Production Company request permission to perforate and frac the above referenced well to increase Dakota pay per the procedures attached.

If you have any technical questions please contact Steve Webb at (303) 830-4206 or Gail Jefferson for any administrative concerns.

Other Perf & Frac for

additional Dak.



Non-Routine Frecturing Water Shut-Off

Conversion to Injection

Dispose Weter

14.1 hereby certify that the foregoing is true and correct Signed Science	Title	Sr. Admin. Staff Rsp. R.O.1/, E.D.
This space for Federal or State office use)		NOV 0 8 1995
Approved by Conditions of approvel, if eny:	Title	HESTRICT MANAGER
Fitle 18 U.S.C. Section 1001, makes it a crima for any person knowingly and willfu eorosantations as to any matter within its jurisdiction,	fly to make to eny	1065 of the United States any false, licticious, or fraudulant atstaments or

USA C.A. McAdams D #2 Orig. Comp. 11/65 TD = 6562', PBTD = 6530' Elevations: GL = 6189', KB = 6201'

Page 2 of 2

- 1. RU x pull tubing string.
- 2. TIH x tag for fill. Clean out to PBTD. DO cement to new PBTD at 6544'.
- 3. Run GR/CCL/CBL from PBTD to surface casing to assure cement isolation above and below new DK pay intervals.
- 4. Perforate new DK intervals 6526-36' with 3 1/8" HCP gun, 12.5 g charges on 120 degree phasing at 2 JSPF (EHD = 0.34", Penetration = 13.13"). Correlate new GR to Welex IEL dated 11/10/65.
- 5. TIH w/ frac string and Halliburton 4 1/2" DTTS packer. Set packer at 6520'.
- 6. Fracture stimulate new DK pay according to fracture stimulation procedure A. Monitor annular pressure for indication of fracture communication around packer.
- 7. SI well for 4 hours. Flow back well on 1/4" choke for 8 hours the increase choke size. Flowback well to clean up.
- 8. Drill out packer x clean out to PBTD.
- 9. Flow back production stream until stabilized.
- 10. Land 2 3/8" production string at 6520' + /-.
- 11. Return well to production. Swab in if necessary.

Note: The purpose of this procedure is to develop additional DK reserves by completing two lower Cubero channel sands. This well is currently unable to produce. Attempts to remediate this situation would generate marginal economics. However, when coupled with the reserve addition work the economics become quite favorable. Log calculations indicate that the two lower Cubero sands are gas productive and pore volume calculations indicate a significant potential reserve target. The effect of depletion is unknown with respect to the two Cubero sands. The presence of hydraulic communication in this area has not been determined. Economics are based on production rates assuming substantial depletion of the Cubero sands pressure. A fracture stimulation will be required to initiate production.

This pay addition is one of three being recommended.

Amoco	Production	Company
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ENGINEERING CHART

SUBJECT CA. McAdams DZ

Appn \_\_\_\_ A-1148<

Dale 4-114-95

By GMK

CH@ 3470-3585

PBD = 6530'

85/8" CSA 370' 24#JSS CMT w/ 220 SXS Class C + 27. Ca. CP

\$92 3925-26'w/ \$93 B CMT

MNFE@ 3585-4383 PLO @ 4383-4630

> DV TOOl @4740 1 CMT W/1000 SXS C + 67. yel Circ 25 BSI CMT

6388-98' 6421-29', 6475-86 23/8" TSA 6969 4.7# JSS

- SAW TOOTH COLLAR ON BITM, W/ JN 1 4+ OFF BITM

- TEG Stop SA 6421'

4/2"CSA 6562 10.5#555

cmTw/400 sxs C + 6 % gel + 100 sxs C NexT