

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF WELLS DESIGNED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.U.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator

Amoco Production Company

Address

501 Airport Drive, Farmington, N.M. 87401

Reason(s) for filing (Check proper box)

New Well ☐

Change in Transporter of:

Recompletion ☐Oil ☐Dry Gas ☐Change in Ownership ☐Casinghead Gas ☐Condensate ☒

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Jicarilla Contract 146	10	Basin Dakota	State, Federal or Fee Federal	Jicarilla
Location				Contract
Unit Letter	N	1190 Feet From The	South	Line and
				1550 Feet From The
				West
				146
Line of Section	9	Township	25N	Range
				5W
				NMPLM,
				Rio Arriba
				County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)					
Plateau, Inc.	P.O. Box 489, Bloomfield, N.M. 87413					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
P.O. BOX 990						
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
FARMINGTON, NEW MEXICO	N	9	25N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Ready	Diff. Ready
Date Spudded								
Date Compl. Ready to Prod.								
Total Depth								
P.B.T.D.								
Elevations (D, RT, GR, etc.)								
Name of Producing Formation								
Top Oil/Gas Pay								
Tubing Depth								
Perforations								
Depth Casing Shoe								

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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.



District Administrative Supervisor

(Title)

September 28, 1983

(Date)

OIL CONSERVATION DIVISION

APPROVED

BY

TITLE

This form is to be filed in compliance with Section 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deepest tests taken on the well in accordance with Rule 1104.

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

Fill out only Sections 1, 11, 13, and 14 for the purpose of new well name or number, or transporter, or other such change of record.

Separate forms 12-104 must be filed for each pool in multi-completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1190' FSL X 1550' FWL

5. ELEVATIONS (Show whether DT, RT, GR, etc.)
6714' GR

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Contract 146

9. WELL NO.
10

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/SW Sec. 9, T25N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRAC TREATMENT ☐ MULTIPLE COMPLETIONS ☐
SHOOTING OR ACIDIZING ☐ *ABANDON* ☐
REPAIR WELL ☒ CHANGE DEPTH ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRAC TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
Other: ☐

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

If well is directionally drilled, give subsequent completion measurements and true vertical depths for all markers and zones pertinent to this work.

Amoco Production Company requests approval to open the Main Dakota pay zone of the subject well according to the attached procedure.

RECEIVED
AUG 17 1984
OIL CON. DIV.
DIST. 3

I hereby certify that the foregoing is true and correct

Original Signed By
B. D. Shaw

SIGNED

TITLE Administrative Supervisor

DATE August 9, 1984

(This space for Federal or State office use)

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AMOC

*See Instructions on Reverse Side

AUG 15 1984

M. MILLENBACH
AREA MANAGER

FARMINGTON DISTRICT WORKOVER

DATE: 7/30/84

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE

LEASE AND WELL Jicarilla Contract 146 No. 10 FIELD Basin Dakota

FORMATION Basin Dakota LOGS DLL, SP

LOCATION 1550' EWL X 1190' ESL, Sec 9, 25N, 5W Rio Arriba County, New Mexico

COMP. DATE 1/30/61 EL: 6726 (KB) TD: 7458' PBD: 7424'

CSG: 8-5/8" 20 # X-52 @ 506' : 4-1/2" 11.6 # J-55 @ 7458'

COMP. INT. 7147-7157' ORIG. STIM. 34,200 gal/s X 30,000 # Sand

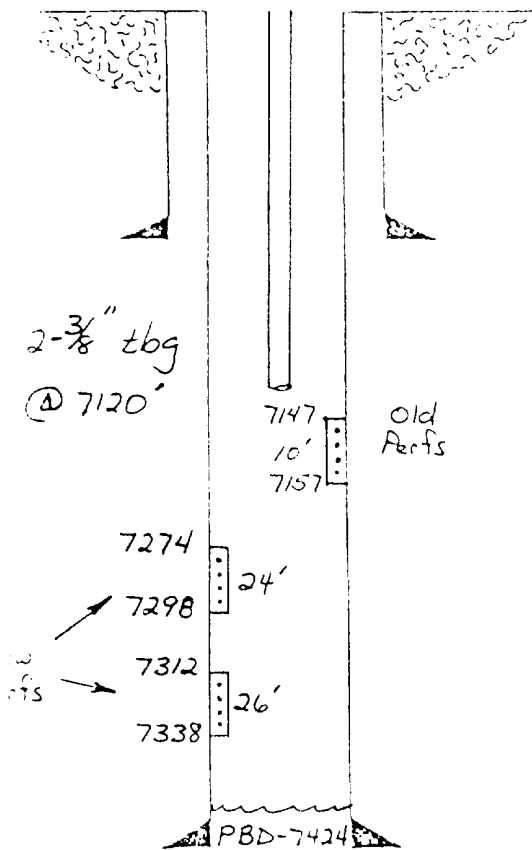
IP 3433 mCFD CURRENT PROD. INT. 7147-7157'

PURPOSE: Complete Main Dakota.

WOB TKA TWE GOM MCH RWO 5/PERMITTING DESK 2DF ENGR FILE
DHS RGH
 BVD
 GMK

WELLBORE SKETCH

PROCEDURE



1. MIRUSU.
2. TIH with 2-3/8" tubing to 7424'.
Clean out with nitrogen if needed.
3. TOH with 2-3/8" tubing.
4. Run correlation log from 7400-7100'.
5. Perforate induction log intervals 7338-7312' and 7298-7274' with 2 JSPE.
See Note 1.
6. TIH with 2-7/8" tbg and packer.
Set packer at 7190'.
7. Breakdown interval 7338-7274' with 2% KCl water and 140 ball sealers.
Establish a rate of 25 BPM and obtain an ISIP prior to dropping balls.
8. Release packer and TIH to 7370' to knock balls off perfs.
9. TOH and reset packer at 7190'.

DISTRICT MANAGER Jeff Holm

DISTRICT ENGINEER Jim Attending

DISTRICT FOREMAN T.W. Ewing

ENGINEER Morris Bell

DATE 8/8/84

10. Frac the Main Dakota (7338-7274) down 2-7/8" tubing with 69,000 gallons of 40# cross-linked gelled water containing 2% KCl with 1 gallon surfactant per 1000 gallons and 126,000 pounds of 20-40 mesh sand as follows:

1. Pump 15,000 gallons pad.
2. Pump 12,000 gallons @ 1.0 ppq.
3. Pump 12,000 gallons @ 2.0 ppq.
4. Pump 30,000 gallons @ 3.0 ppq.
5. Underflush with 42 bbls. of 2% KCl water.

Treating rate is 25 BPM with an expected treating pressure of 6000 psi.

11. Shut well in ^{48 hrs} ~~overnight~~ after frac.
12. Flow back well slowly to keep sand in formation.
13. Clean out to PBD.
14. Land 2-3/8" tubing at 7340' and return well to production.

Notes: 1. Perforate with Dresser's 3-1/8" hollow carrier gun with 120' phasing and a 12 gm charge. Shot density is 2 JSPE.

2. Record volumes of all fluid pumped and estimate load recovered on wire.

3. Frac fluid is Dowell's ~~WY46G~~ YF4G

4. Inspect frac tanks and filter water to insure gelled water quality.

5. Report daily costs on wire.

6. Maximum pressure for the 2-7/8" N-80 tubing is 7500 psi