

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator <i>Amoco Production Company</i>		CASINGHEAD GAS MUST NOT BE FLARED AFTER <u>12/1/84</u> UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.
Addressee <i>P.O. Box 68, Hobbs NM 88240</i>		
Reason(s) for filing (Check proper box)		
☒ New Well	Change in Transporter of:	Other (Please explain) <i>Initial Completion in Wolfcamp</i>
☐ Recompletion	☐ Oil	
☐ Change in Ownership	☐ Casinghead Gas ☐ Dry Gas ☐ Condensate	

If change of ownership give name
and address of previous owner

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

Lease Name <i>State NC</i>	Well No. <i>1</i>	Pool Name, including Formation <i>North Anderson Ranch Wolfcamp</i>	Kind of Lease State, Federal or Fee <i>State</i>	Lease No. <i>B-11078</i>
Location Unit Letter <i>A</i> : <i>1320</i> Feet From The <i>North</i> Line and <i>660</i> Feet From The <i>East</i>				
Line of Section <i>3</i> Township <i>16-S</i> Range <i>32-E</i> , NMPLM, <i>Lea</i> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ <i>Amoco Production Company (Trucks)</i>	Address (Give address to which approved copy of this form is to be sent) <i>P.O. Box 1183, Houston, TX 77001</i>	
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ <i>Contract under negotiation</i>	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit <i>A</i>	Sec. <i>3</i>
	Twp. <i>16-S</i>	Rge. <i>32-E</i>
	Is gas actually connected? <i>No</i> When	

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of
my knowledge and belief.

Larry C. Clark
(Signature)
Asst. Admin. Analyst
(Title)
10-17-84
(Date)

0+5 NMOCD, H 1-J.R. Barnett, Hou Rm 21.156
1-F.T. Nash, Hou Rm 4.206 1-GCC 1- Gulf
nick 1-Hulb, Hobbs 1-mobil

OIL CONSERVATION DIVISION

APPROVED **OCT 18 1984**
BY *Eddie W. Seay*
TITLE *Oil & Gas Inspector*

This form is to be filed in compliance with RULE 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 deviation
route taken on the well in accordance with RULE 111.

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

Fill out only Sections I, II, III, and VI for changes of owner,
well name or number, or transporter or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply
completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well ☒	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 6-23-84	Date Compl. Ready to Prod. 6-15-84	Total Depth 10800			P.B.T.D. 9949				
Elevations (DF, RKB, RT, GR, etc.) 4318.3' GR	Name of Producing Formation Wolfcamp	Top Oil/Gas Pay 9910-9926'			Tubing Depth 9845'				
Perforations 9910-26 9952-58							Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
17.5"	13 3/8"		420'		450				
11"	8 5/8"		4138'		1805				
7 7/8"	5 1/2"		10800'		1850				
	2 7/8"		9845'						

V. 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 8-17-84	Date of Test 10-15-84	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs.	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 241 BW 102 BO 70 MCF	Oil - Bbls. 102	Water - Bbls. 241	Gas - MCF 70

GAS WELL

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

OCT 17 1984

LOCATION Section 3, T16S, R32E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Amoco

DRILLING CONTRACTOR MORANCO Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
1/4 282	1/2 4367	1 1/4 8297	2 9952
1/2 420	3/4 4875	1 3/4 8435	1 3/4 10556
1/2 899	1 5186	2 3/4 8561	
1/2 1615	1/2 5469	2 3/4 8686	
3/4 1979	3/4 5878	3 8811	
3/4 2339	1/4 6440	2 1/2 8935	
3/4 2672	1/2 6958	2 9055	
3/4 2857	1/4 7185	2 1/2 9176	
1/4 3202	1 7600	2 3/4 9267	
1/2 3586	1 7688	3 9393	
3/4 3961	2 8030	2 3/4 9515	
1/2 4150	1 8130	2 9640	

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 7th day of August 1984

My Commission expires:

10-25-87

Judith A. Garrison
Notary Public Judith A. Garrison
Lea County, New Mexico

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ENERGY AND MINERALS DEPARTMENT

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Form O-103
Revised 12-1-77

10. Indicate Type of Well
State ☒ Gas ☐ Other ☐
11. State Oil & Gas Lease No.
B-11078

SUNDARY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL OR TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL (Form O-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER _____

2. Name of Operator
Amoco Production Company

3. Address of Operator
P.O. Box 68, Hobbs, NM 88240

4. Location of well
UNIT LETTER **A** **1320** FEET FROM THE **North** LINE AND **660** FEET FROM **East** LINE, SECTION **3** TOWNSHIP **16-S** RANGE **32-E** N.M.P.M.

5. Elevation (Show whether DF, RT, GR, etc.)
4318.3' GR

6. ☐ Field and Pool, or Wildcat
North Anderson Ranch Wellcom

7. Unit Agreement Name

8. Name of Lease Name
State NC

9. Well No.
1

12. County
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☒
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MISU 8-30-84 and POH with tbg and pkr. RIH with cmt retainer, set at 9815' and tested tbg to 4000 psi, tested casing to 500 psi, OK. Squeezed 9910-9980' with 200 sxx Class H w/additives. Reversed out 29 sxx and POH. Drilled and cleaned out to 9949, tested squeeze to 1000 psi, tested OK. POH with tbg, drill collars, and bit. Perforated 9910-26' w/45FF using a 3 1/8" csg. gun. Ran tbg, pkr, and seating nipple. Pkr set at 9715' and tailpipe landed at 9814'. Ran swab and recovered 56 BW. Recovered 0 BW last 2 hrs. Ran base log, ran tbg and tailpipe landed at 9947, and spotted 0+5 NMOGD, H 1-J.R. Barnett, Hou Rm 21.156 1-F.J. Nash, Hou Rm 4206 1-GCC 1-Gulf, Mid 1-Gulf-Hobbs

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed **Mary C. Clark** TITLE **Asst. Admin. Analyst** DATE **9-25-84**

ORIGINAL SIGNED BY JERRY SEKTON
DISTRICT 1 SUPERVISOR

SEP 27 1984

2 bbls 15% NEFE HCl acid w/add. Pulled tbg and pkr set at 9715' and tailpipe landed at 9814'. Acidized 9910'-9926' with 416 gals of 15% NEFE HCl w/additives. Tagged acid with RA material and ran after job tracer log. Swabbed, last 3 runs recovered 12 BO and 7 BW.

Released pkr and pulled tbg. Perfed 9552'-9558' w/45PF using a 3 1/8" esp. gun. RIH with RBP, retrieving tool, pkr, and tbg. RBP set at 9650', pkr set at 9620'. Tested RBP to 1000 psi, tested OK. Released pkr and pulled tbg, pkr set at 9445'. Swabbed and recovered 43 BLW, 0 bbls recovered last 2 hrs. Ran GR/Temp survey from 9650'-9350'.

Spotted 1000 gals acid (9552'-9558') to pkr, closed by-pass and flushed with 58 BW. Ran after acid GR/Temp survey. POH with tbg, RBP, and pkr. RIH with 3 1/2" mother hubbard, 2 7/8" seating nipple, tbg anchor, and 2 7/8" tbg. Seating nipple landed at 9845'. Ran rods and pump, tested pump to 300 psi, OK. Installed production equipment and began pump testing 9-16-84. Currently pump testing.

RECEIVED

SEP 26 1984

FIELD OFFICE