

District I - (305) 393-6161
PO Box 1980
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

New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Amoco Production Company OGRID #: 000778

Address: P.O. Box 800, Denver, Colorado 80201

Contact Party: Patricia J. Haefele Phone: (303) 830-4988

II. Name of Well: Gallegos Canyon Unit #189 API #: 3004507678
Location of Well: Unit Letter E, 2480 Feet from the North line and 1160 Feet from the West line, Section 36, Township 29N, Range 13W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 12/5/95
Date Workover Procedures were Completed: 12/19/95

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

Basin Dakota

VII. AFFIDAVIT:

State of Colorado)
) ss.
County of Denver)

RECEIVED
JAN 02 1997

OIL CON. DIV.
DIST. 3

RECEIVED
AUG 27 1996

OIL CON. DIV.
DIST. 3

Patricia J. Haefele, 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 which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Patricia J. Haefele
(Name)
Staff Assistant
(Title)

SUBSCRIBED AND SWORN TO before me this 21st day of August, 1996.

PATRICIA J. ARCHULETA
NOTARY PUBLIC
STATE OF COLORADO

Patricia J. Archuleta
Notary Public

My Commission expires:

My Commission expires 08/12/1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 12/19, 1995.

[Signature]
District Supervisor, District 7
Oil Conservation Division

Date: 1/14/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	3004507678
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Gallegos Canyon Unit
8. Well No.	189
9. Pool name or Wildcat	Basin Dakota

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well:	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. Name of Operator	Amoco Production Company
Attention:	Patty Haelele
3. Address of Operator	P.O. Box 800 Denver Colorado 80201 (303) 830-4988
4. Well Location	Unit Letter E : 2480 Feet From The North Line and 1160 Feet From The West Line Section 36 Township 29N Range 13W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5685' RDB

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Reperf/frac ☒

12. 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. DISU 3

MIRUSU 12/5/95. Run short gamma ray log. Perforated 6072-6092' and 6154-6210' with 2 JSPI, .340" diameter, 152 total shots, 3.125" gun size, 120 deg phasing, 12.5 gms. Set packer at 6125' below the new top perms to isolate from lower perms to test for communication between perms, held ok. Set RBP at 6043', test to 1000//, held ok. Locate leak at 3382'. Set packer at 3070'. Squeeze leak at 3382' with 150 sx Class B neat, 15.6 ppg. Tag cement at 3231'. Drill cement to 3231-3585'. Pressure test to 500 psi, held. Reset RBP at 6140'. Set packer at 6100'. Test RBP to 3800 psi, held. Release packer. Reset at 5900' - would not set, TOH. Mini frac 6072-6092' with 52,718 lbs 20/40 Ottawa sand, 896,903 scf, 70% quality, max pressure 5244 psi, max rate 5.8 bpm. Flow well. Cleanout fill 6160-6225'. Land tubing at 6187'. RDMOSU 12/19/95.

Note: This well was approved 5/1/95 as a recompletion, but is actually a reperf.

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

SIGNATURE: Patty Haelele
TYPE OR PRINT NAME: Patty Haelele

Staff Assistant
TITLE: SRBU
DATE: 01-09-1996

TELEPHONE NO. (303) 830-4988

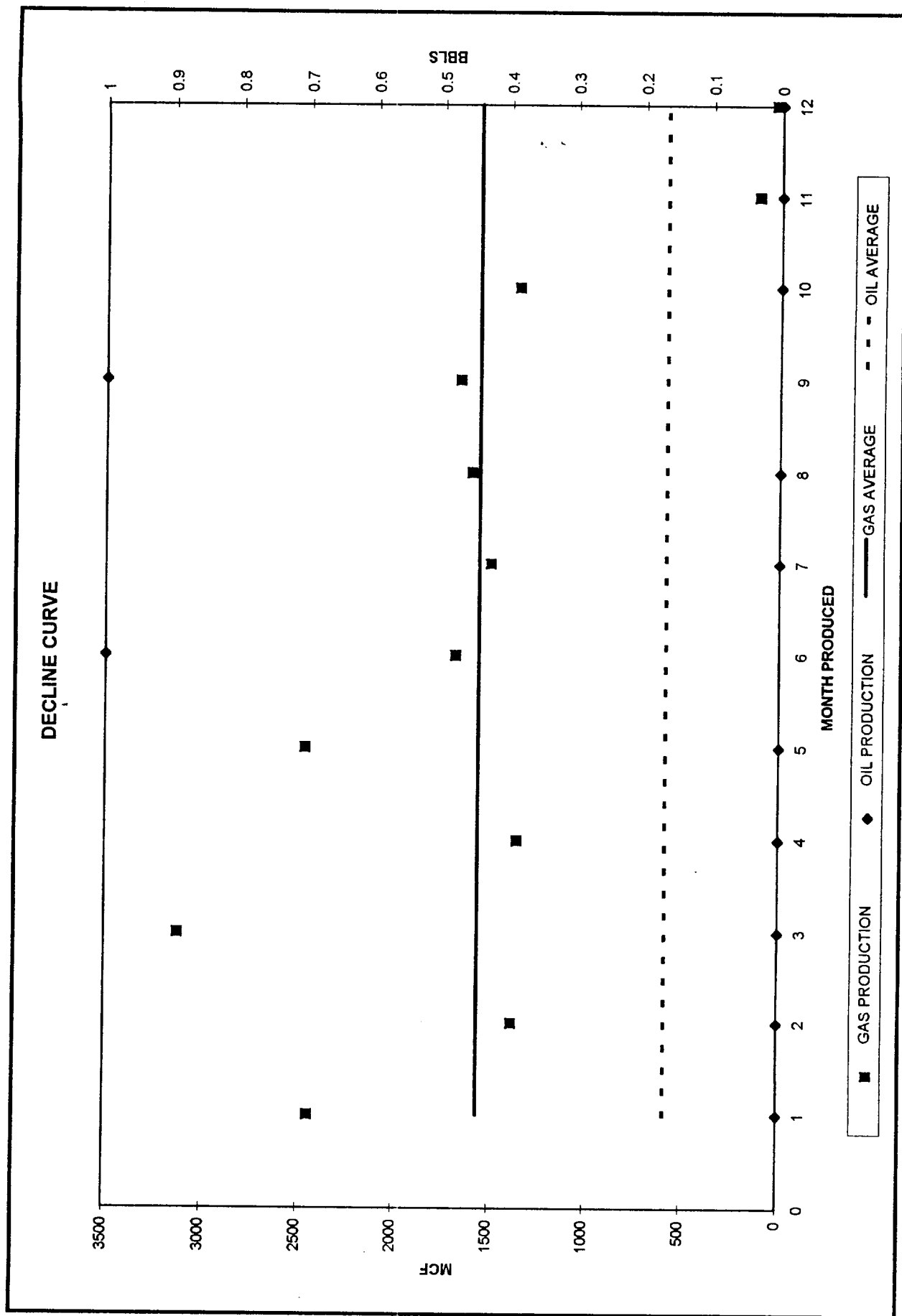
(This space for State Use)

APPROVED BY: Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT #3
ADMINISTRATIVE GROUP

DATE: JAN 10 1996

CONDITIONS OF APPROVAL, IF ANY:



WELLNAME	WELLNO	POOL	FLAC	API	LOCATION	MONTH	OIL	GAS
GCU 189	189	Basin Dakota		3004507678	E 36 29N 13W	08/90	0	2443
						09/90	0	1379
						10/90	0	3123
						11/90	0	1356
						12/90	0	2468
						01/91	1	1681
						02/91	0	1499
						03/91	0	1600
						04/91	1	1662
						05/91	0	1354
						06/91	0	116
						07/91	0	30
					12-month average - Projected Trend		0	1559