

223/38260 ~~SD~~
NSL

NA
9-4-02
Suspense date

DOYLE HARTMAN

Oil Operator

500 NORTH MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

(915) 682-7616 FAX

Via FedEx

August 13, 2002

Michael Stogner, Chief Hearing Officer
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Simultaneous Dedication

- * H. M. Britt No. 2 located 660' FNL and 1980' FWL (C)
 - H. M. Britt No. 4 located 660' FNL and 1980' FEL (B)
 - H. M. Britt No. 5 located 1980' FSL and 1980' FWL (K)
 - * H. M. Britt No. 11 located 1650' FNL and 1650' FEL (G)
 - ✓ H. M. Britt No. 14 located 1400' FSL and 2310' FEL (J)
- Section 7, T-20-S, R-37-E
Lea County, New Mexico
(Eumont Gas Pool)

(30-025-05990)

05992
05993
05998
35152

Dear Mr. Stogner,

Reference is made to the Hartman-operated H. M. Britt 320-acre non-standard Eumont proration unit consisting of E/2 W/2 and W/2 E/2 Section 7, T-20-S, R-37-E. The subject non-standard proration unit was approved by NMOCD Order No. R-5448 dated June 8, 1977 (copy enclosed). The order also approved simultaneous dedication of the H. M. Britt No. 3 and No. 12 wells to the subject 320-acre non-standard gas proration unit. The H. M. Britt No. 3 well is located 2310' FNL and 1650' FEL (G), Section 7, T-20-S, R-37-E. The H. M. Britt No. 12 well is located 330' FNL and 2281' FWL (C) Section 7, T-20-S, R-37-E. Reference is also made to Administrative Order SD-99-9 dated August 23, 1999 (copy enclosed), which authorized Hartman to simultaneously dedicate H. M. Britt No. 1 well to the previously approved non-standard gas proration unit. The H. M. Britt No. 1 well is located 1980' FNL and 1980' FWL (F), Section 7, T-20-S R-37-E.

Reference is now made to the various notices (copies enclosed) from the Bureau of Land Management (BLM) concerning the H. M. Britt No. 2, No. 4, No. 5, and No. 11 wells. The subject wells had been shut-in and temporarily abandoned for a considerable time. As can be ascertained from the various notices, the BLM required that the subject wells be returned to beneficial use, or properly plugged and abandoned in accordance with applicable laws, rules, regulations and orders. Reference is also made to NMOCD Order No. R-9210. Regarding long-time temporarily abandoned/shut-in wells, the order essentially states that an operator must do one of the following: the well be placed back into beneficial use, the well be temporarily

abandoned in accordance with NMOCD Rule 203, or the well be plugged and abandoned in accordance with NMOCD Rule 202.

For many years the H. M. Britt Lease, which is situated on top of the Monument structure, has experienced serious water problems. The significant water problems were caused by a combination of the following: long-time defective wellbores, and an active and ongoing water drive, in the Grayburg and Lower Penrose intervals. The long-time defective wellbore problem, in most part, is the result of prior non-prudent operating practices that date as far back as the mid-1930's to the mid-1950's, including inadequate defective cement jobs, corroded casing, and inner-zonal communication. As a matter of fact, it appears the original Britt Lease owners, for many years, avoided bringing the wells into proper compliance. After a review of the Britt Lease well files it is apparent that the deeper Britt wells were inadequately cemented during the drilling and completion process. These inadequate cement jobs have resulted in a loss of valuable oil and gas reserves over the past 46 years (approximately). Although inferior cement jobs have been a general problem across the top of the Monument structure, any competent large oil company should have realized that high-volume water-productive Grayburg-San Andres strata should have been properly isolated from the non-water-productive Lower Queen-Grayburg gas and oil reserves. Unfortunately, in many instances this did not occur.

In light of the foregoing, Hartman and the other current Britt Lease working interest owners were presented with a substantial mess to repair. In accordance with the various government mandates, we commenced the required wellbore repairs for the subject Britt Lease wells in May, 2001. At that time, we decided it would not be prudent to perform the necessary repairs without simultaneously returning the long-time shut-in wells to production. Opting to return the wells to beneficial use would protect the lessor, in this instance the United States of America, from potential drainage by offset leases. In the case of the H. M. Britt Lease, the offset operators are as follows: ChevronTexaco, BP Amoco, Conoco, Kerr-McGee, Gruy, and John H. Hendrix Corporation. Returning the wells to beneficial use would be economically advantageous to the Britt lease working interest owners, the Lea County economy, and the State of New Mexico (due to increased production tax revenue). During the course of the required wellbore repairs, the Britt Lease working interest owners invested \$2,049,000 in the Lea County economy. Having returned the wells to beneficial use will allow us to properly exploit our remaining recoverable Britt Lease Eumont gas reserves.

¹
In October, 2000, prior to commencing the required Britt Lease wellbore repairs, Hartman drilled and completed the H. M. Britt No. 14 well as a Eumont gas producer. By drilling and completing the H. M. Britt No. 14 well, the Britt Lease working interest owners invested \$499,000 in the Lea County economy.

Please refer to the enclosed "Reserves and Economics" and the production decline curves for the H. M. Britt No. 2, No. 4, No. 5, No. 11 and No. 14 wells. By successfully returning the subject Britt Lease wells to beneficial use, an additional 5,321,000 bbl can be recovered from the H. M. Britt lease. As a result, these increased, recoverable reserves will continue to supply America with an inexpensive, clean energy alternative, and decrease our dependence for imported oil supplied by hostile, anti-American foreign governments. Over a 38-year period the increased,

NMOCD

8/13/02

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recoverable reserves will also generate \$1,934,467 in production tax revenue for the State of New Mexico, and \$2,811,726 in royalties for United States of America.

In consideration of the foregoing, we respectfully request administrative approval to simultaneously dedicate our H. M. Britt No. 2, No. 4, No. 5, No. 11 and No. 14 wells to the previously approved H. M. Britt 320-acre non-standard gas proration unit. Finally, in accordance with applicable NMOCD regulations, a copy of this letter is being provided to all diagonal and adjacent Eumont gas operators (table and plat included).

Very truly yours,

DOYLE HARTMAN, Oil Operator



Steve Hartman
Engineer

Enclosures

cc: Chris Williams, District I Supervisor
New Mexico Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1625 French Dr.
Hobbs, NM 88240

BP Amoco Corporation
P.O. Box 3092
Houston, TX 77253

John H. Hendrix Corp.
P.O. Box 3040
Midland, TX 79702

Conoco Inc.
10 Desta Dr.
Suite 100 W
Midland, TX 79705-4500

Kerr-McGee Corp.
P.O. Box 25425
Oklahoma City, OK 73125

NMOCD

8/13/02

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Gruy Petroleum Management Co.
P.O. Box 140907
Irving, TX 75014-0907

ChevronTexaco
15 Smith Road
P.O. Box 1150
Midland, TX 79710

James A. Davidson
214 W. Texas, Suite 710
Midland, TX 79701

Doyle Hartman, Oil Operator-Dallas

Doyle Hartman, Oil Operator-Midland

Acreage Ownership Plat

T-20-S, R-36-E and R-37-E
Lea County, New Mexico

H. M. Britt #12
330' FNL & 2281' FWL (C)
Sec. 7, T-20-S, R-37-E

H. M. Britt #2
660' FNL & 1980' FWL (C)
Sec. 7, T-20-S, R-37-E

H. M. Britt #1
1980' FNL & 1980' FWL (F)
Sec. 7, T-20-S, R-37-E

H. M. Britt #5
1980' FNL & 1980' FWL (K)
Sec. 7, T-20-S, R-37-E

H. M. Britt Eumont P.U.
E/2 W/2, W/2 E/2
Sec. 7, T-20-S, R-37-E
(320 acres, Order No. R-5448, Dated 6/8/1977)

H. M. Britt #4
660' FNL & 1980' FWL (B)
Sec. 7, T-20-S, R-37-E

H. M. Britt #11
1650' FNL & 1650' FWL (G)
Sec. 7, T-20-S, R-37-E

H. M. Britt #3
2310' FNL & 1650' FWL (G)
Sec. 7, T-20-S, R-37-E

H. M. Britt #14
1400' FNL & 2310' FWL (J)
Sec. 7, T-20-S, R-37-E

EUNICE MONUMENT UNIT 16
DET (0000)

**Doyle Hartman-operated
H. M. Britt Eumont P.U.
E/2 W/2 and W/2 E/2 Section 7, T-20-S, R-37-E
Lea County, New Mexico
(320 acres, NSP-11 Approved 9/10/1954)**

Tract	Color Code	Operator	Eumont P.U. Description	Lease Name	Well No.	Well Location
1	Purple	Doyle Hartman	W/2 SW/4 Section 6 T-20-S, R-37-E (80 acres)	Britt A-6	1 2	M-6-20S-37E L-6-20S-37E
2	Blue	Gruy Petroleum Management Co.	E/2 SW/4 Section 6 T-20-S, R-37-E (80 acres)	Britt "A"	6	N-6-20S-37E
3	Orange	ChevronTexaco	SE/4 Section 6 T-20-S, R-37-E (160 acres)	G. C. Matthews	2 12	J-6-20S-37E P-6-20S-37E
4	Pink	BP Amoco	E/2 E/2 Section 7 T-20-S, R-37-E (160 acres)	Barber Gas Corn	2 3	P-7-20S-37E H-7-20S-37E
5	Brown	John H Hendrix Corp.	NE/4 Section 18 T-20-S, R-37-E (160 acres)	Mexico	3	H-18-20S-37E
6	Green	Conoco Inc.	NW/4 Section 18 T-20-S, R-37-E (160 acres)	Britt "A-18"	1 6	C-18-20S-37E E-18-20S-37E
7	Red	Kerr McGee Corp.	W/2 W/2 Section 7 T-20-S, R-37-E (160 acres)	Alaska Cooper	3 8	D-7-20S-37E L-7-20S-37E

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5935
Order No. R-5448

APPLICATION OF UNION TEXAS PETROLEUM
FOR A NON-STANDARD PRORATION UNIT AND
SIMULTANEOUS DEDICATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 25, 1977,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 8th day of June, 1977, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required
by law, the Commission has jurisdiction of this cause and the
subject matter thereof.

(2) That the applicant, Union Texas Petroleum, seeks
approval of a 320-acre non-standard gas proration unit comprising
the E/2 W/2 and W/2 E/2 of Section 7, Township 20 South, Range
37 East, NMPM, Lea County, New Mexico, to be simultaneously
dedicated to applicant's Britt Wells Nos. 3 and 12 located at
unorthodox locations in Units G and C of said Section 7,
respectively.

(3) That the entire non-standard proration unit may
reasonably be presumed productive of gas from the Eumont Gas
Pool and that the entire non-standard gas proration unit can be
efficiently and economically drained and developed by the
aforesaid wells.

(4) That Commission administrative order NSP-11 should
be superseded.

(5) That approval of the subject application will afford
the applicant the opportunity to produce his just and equitable
share of the gas in the Eumont Gas Pool, will prevent the economic
loss caused by the drilling of unnecessary wells, avoid the
augmentation of risk arising from the drilling of an excessive

Case No. 5935
Order No. R-5448

number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

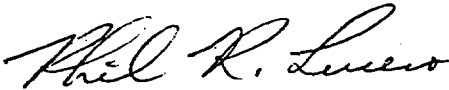
(1) That a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the E/2 W/2 and W/2 E/2 of Section 7, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, is hereby established and simultaneously dedicated to the Union Texas Petroleum Corporation Britt Wells Nos. 3 and 12, located at unorthodox locations in Units G and C of said Section 7, respectively.

(2) That Commission administrative order NSP-11 is hereby superseded.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


PHIL R. LUCERO, Chairman


EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary

S E A L



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

August 23, 1999

Doyle Hartman, Oil Operator
P. O. Box 10426
Midland, Texas 79702
Attention: Steve Hartman

Telefax No. (915) 682-7616

Administrative Order SD-99-9

Dear Mr. Hartman:

Reference is hereby made to your application dated August 4, 1999. Doyle Hartman, Oil Operator is hereby authorized to simultaneously dedicate Eumont Gas Pool production to the previously approved non-standard 320-acre gas spacing and proration unit ("GPU") comprising the W/2 E/2 and the E/2 W/2 of Section 7, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico (see Division Order R-5448, issued in Case No. 5935 dated June 8, 1977), from the three following described wells:

- the original H. M. Britt Well No. 3 (API No. 30-025-05991) located at an unorthodox gas well location 2310 feet from the North line and 1650 feet from the East line (Unit G) of Section 7 (which was also approved by Division Order No. R-5448);
- the Britt Well No. 12 (API No. 30-025-05999) located at an unorthodox infill gas well location 330 feet from the North line and 2281 feet from the West line (Unit C) of Section 7 (which was also approved by Division Order No. R-5448); and
- the existing H. M. Britt Well No. 1 (API No. 30-025-05972), which was recently re-entered and recompleted into the Eumont Gas Pool, and located at a standard gas well location 1980 feet from the North and West lines (Unit F) of Section 7.

Doyle Hartman is permitted to produce the allowable assigned this non-standard 320-acre unit from all three wells in any proportion.

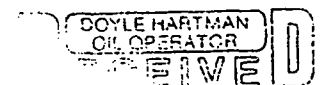
Sincerely,

Lori Wrotenbery b. DIC

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad
Files: NSP-11



AUG 27 1999

cc: WH
Dallas

BLM COPY

Number AJM-165-99

Page ____ of ____

☒ Certified Mail - Return
Receipt Requested
P 442 347 580☐ Hand Delivered Received
byUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOTICE OF INCIDENTS OF NONCOMPLIANCE

Identification
IID NMLC031621A*AHG
Lease NMLC031621A
CA
Unit
PA

Bureau of Land Management Office HOBBS INSPECTION OFFICE		Operator HARTMAN DOYLE				
Address 414 WEST TAYLOR HOBBS NM 88240		Address 500 N MAIN 312 C+K PETRO BLDG P O BOX 10426 MIDLAND TX 79702				
Telephone 505.393.3612		Attention				
Inspector Andrea Massengill		Attn Addr				
Site Name BRITT	Well or Facility 02	Township 20S	Range 37E	Meridian NMP	Section 7	1/4 1/4 NENW

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE

Date	Time (24 - hour clock)	Violation	Gravity of Violation
08/25/1999		43 CFR 3162.3-4(c)	MINOR
Corrective Action To Be Completed By	Date Corrected	Assessment for Noncompliance	Assessment Reference
09/30/1999			43 CFR 3163.1()

Remarks Temporary Abandonment (TA) approval for well expired 03/25/99. Well must be put back on production, plugged and abandoned, or approved for TA status. Submit a notice of intent to produce, plug or request TA status on a 3160-5 (Sundry Notice), one original and five copies to this office. (See attachments)

When violation is corrected, sign this notice and return to above address.

Company Representative Title Engineer Signature [Signature] Date 9/13/99

Company Comments

WARNING

Incidents of Noncompliance correction and reporting timeframes begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By" you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits, false, inaccurate, or misleading reports, notices, affidavits, record, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of receipt of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 4015 Wilson Blvd., Arlington VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer [Signature] Date 8-25-99 Time 0900

FOR OFFICE USE ONLY

Number 53	Date	Assessment	Penalty	Termination
Type of Inspection PR				

Number 53	Date	Assessment	Penalty	Termination
Type of Inspection PR				

OPERATOR COPY

Form 3160-9
(December 1989)

Number AJM-164-99

Page of

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NOTICE OF INCIDENTS OF NONCOMPLIANCE

Identification	
IID	NMLC031621A-AHC
Lease	NMLC031621A
CA	
Unit	
PA	

Bureau of Land Management Office HOBBS INSPECTION OFFICE		Operator HARTMAN DOYLE					
Address 414 WEST TAYLOR HOBBS NM 88240		Address 500 N MAIN 312 C+K PETRO BLDG P O BOX 10426 MIDLAND TX 79702					
Telephone 505.393.3612		Attention					
Inspector Andrea Massengill		Attn Addr					
Site Name BRITT	Well or Facility 11	Township 20S	Range 37E	Meridian NMP	Section 7	1/4 1/4 SWNE	

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE

Date	Time (24 - hour clock)	Violation	Gravity of Violation
08/25/1999		43 CFR 3162.3-4(c)	MINOR
Corrective Action To Be Completed By	Date Corrected	Assessment for Noncompliance	Assessment Reference
09/30/1999			43 CFR 3163.1(i)

Remarks Well is temporary abandoned without approval. A casing integrity test was to be done for a TA approval. Well must be put on production, plugged and abandoned or a casing integrity test be done. Submit intent on a 3160-5 (Sundry Notice), one original and five copies to this office. (See attachments)

When violation is corrected, sign this notice and return to above address.

Company Representative Title _____ Signature _____ Date _____

Company Comments _____

WARNING

Incidents of Noncompliance correction and reporting timeframes begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By" you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits, false, inaccurate, or misleading reports, notices, affidavits, record, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of receipt of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Lands Appeals, 4015 Wilson Blvd., Arlington VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer *Andy Carter* Date 8-25-99 Time 0900

FOR OFFICE USE ONLY

Number 53	Date	Assessment	Penalty	Termination
Type of Inspection PR				



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell Field Office
2909 West Second St.
Roswell, New Mexico 88201
www.nm.blm.gov



IN REPLY REFER TO: LC-031621-A

April 8, 1999

CERTIFIED MAIL: RETURN RECEIPT REQUESTED
Z 263 904 906

Doyle Hartman, Oil Operator
P.O. Box 10426
Midland, Texas 79701

Gentlemen:

We are in receipt of your Sundry Notices, dated April 2, 1999, requesting extensions for Temporary Abandonment (TA) of the following wells which you operate on Federal oil and gas lease LC-031621-A:

<u>Well</u>	<u>Location (NMPM)</u>	<u>Date last active</u>	<u>Date last casing integrity test</u>
1 - H.M. Britt	F- 7-20 S.-37 E.	Sept. 1988	None
4 - H.M. Britt	B- 7-20 S.-37 E.	Aug. 1988	None
10 - H.M. Britt	B- 7-20 S.-37 E.	April 1995	None
11 - H.M. Britt	G- 7-20 S.-37 E.	Prior to 1989	None
13 - H.M. Britt	J- 7-20 S.-37 E.	Prior to 1989	May 14, 1991

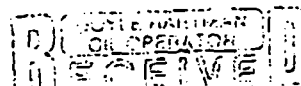
Due to the length of time these wells have been inactive you will need to conduct casing integrity tests on each well before the TA approval will be extended.

As another option you may also work over a well and return it to producing status. If any well is not returned to producing status or does not successfully pass a casing integrity test, it will then need to be plugged and abandoned in a manner first approved by this office.

The following terms and conditions apply to all TA wells:

1. The TA method must provide for the installation of an isolation device (such as a retainer or bridge plug) within 50' to 100' of the top perforations or open casing, or a cement plug must be spotted that extends at least 50' above and below each set of perforations. Unless prior approval is granted by the authorized officer the well bore must be filled with a conditioned, non-corrosive fluid and be shut in at the surface. If a cement plug is used the top of the plug must be verified by tagging. If the wellbore has more than one producing horizon, the lower set(s) of perforations or open hole must meet the requirements for permanent plug and abandonment, unless justification is provided by the operator to not do so.

2. A test demonstrating casing mechanical integrity is required. An approved method is a pressure test of the casing and uppermost plug. The pressure test shall be a minimum of 500 PSI surface pressure with less than 10 percent pressure drop in 30 minutes. In no event shall the pressure test



exceed 70 percent of the internal yield of the casing. In the case of a plug or casing failure, the operator shall either correct the problem or plan to plug and abandon the well. Alternative methods demonstrating casing mechanical integrity may be approved by the Authorized Officer on a case-by-case basis.

3. A bradenhead test will be conducted. If the test indicates a problem exists, a remedial plan and time frame for the remediation will be submitted within 90 days from the date of the test.

4. This office shall be notified at (505) 887-6544 a minimum of 48 hours prior to the commencement of the TA operations and any testing so that the work may be witnessed.

C. A subsequent report Sundry Notice (Form 3160-5, one original and four copies) shall be submitted within 30 days of completion of the work. The report should describe the work and give the date(s) the work was done.

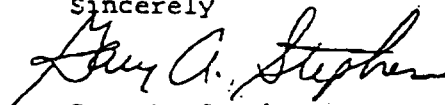
D. TA approval will be granted for one year and be renewed annually, upon receipt of a proper request. All TA wells are required to demonstrate casing mechanical integrity every five years, unless the Authorized Officer determines, on a case-by-case basis, more frequent testing is required.

If you decide to return a well to production or other beneficial use, the well must be back in continuous service within 60 days of your receipt of this letter. The Sundry Notice shall give the anticipated date the well will be back in service. Note that regulations at 43 CFR 3162.4-1c require that within 5 working days of production start up, this office shall be notified of the date the well is returned to production. Notification may be by letter, by Sundry Notice or verbally, followed by written notification.

Therefore, within 30 days of your receipt of this letter you must submit a plan to bring these wells into compliance. The work to test, plug or workover the wells must start within 60 days of your receipt of this letter. If you have any questions contact Peter Chester at (505) 627-0240.

You have the right to administrative review of these requirements pursuant to Title 43 CFR 3165.3. Such a request shall be filed within 20 working days of your receipt of this letter with the State Director, Bureau of Land Management, P.O. Box 27115, Santa Fe, New Mexico 87502-7115, and shall include all supporting documents.

Sincerely



Gary A. Stephens,
Acting Assistant
Field Office Manager,
Lands and Minerals

BLM COPY

Number AJM-018-98

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

NOTICE OF INCIDENTS OF NONCOMPLIANCE

Identification	
ID	NMLC031621A*ABC
Lease	NMLC 0031621A
CA	
Unit	
PA	

Bureau of Land Management Office HOBBS RA		Operator HARTMAN DOYLE	
Address BUREAU OF LAND MANAGEMENT 414 W. TAYLOR HOBBS, N.M. 88240 PH: 505-393-3619		Address 500 N MAIN 312 C+K PETRO BLDG P O BOX 10426 MIDLAND TX 79702	
Telephone HOBBS, N.M. 88240 PH: 505-393-3619		Attention	
Inspector ANDREA MASSENGILL		Attn Addr	
Site Name BRITT A-6	Well or Facility 02	Township 0200S	Range 0370E
		Meridian NMP	Section 006
			1/4 1/4 NWSW
Site Name BRITT	Well or Facility 02	Township 0200S	Range 0370E
		Meridian NMP	Section 007
			1/4 1/4 NENW

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE

Date	Time (24 - hour clock)	Violation	Gravity of Violation
02/03/1998		43 CFR 3162.3-4(c)	MINOR
Corrective Action To Be Completed By	Date Corrected	Assessment for Noncompliance	Assessment Reference
03/02/1998			43 CFR 3163.1()

Remarks Wells are temporarily abandoned without prior approval. Submit to this office your intent to either place back on production or a plugging and abandonment procedure. Submit on a 3160-5 form, 1 original and 5 copies within the abatement period.

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

FEB 09 1998

DO 29-98 faxed to DH 2-9-98

When violation is corrected, sign this notice and return to above address.

Company Representative Title _____ Signature _____ Date _____

Company Comments _____

WARNING

Incidents of Noncompliance correction and reporting timeframes begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By" you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits, false, inaccurate, or misleading reports, notices, affidavits, record, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of receipt of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 4015 Wilson Blvd., Arlington VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer <i>Andy Carter</i>	Date	Time
---	------	------

FOR OFFICE USE ONLY

Number 53	Date	Assessment	Penalty	Termination
Type of Inspection PR				



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

February 10, 1997

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

TO: DOYLE HARTMAN
500 W MAIN STR
MIDLAND TX 79701

|||||

The State of New Mexico OCD District I is in the process of reviewing leases to determine the number of shut-in wells.

Order R-9210 states that an operator can, with regulatory approval, shut-in a producing well or an injection well for up to one year, after this period of time, the operator must, within 90 days, implement one of the following:

- 1) The well be placed back into beneficial use.
- 2) The well be Temporarily Abandoned in accordance with Rule 203.
- 3) The well be Plugged & Abandoned in accordance with Rule 202.

In addition House Bill 65 was passed to give operators an added incentive to place shut-in wells back on production. After you receive the list of wells that have not produced for over a year, check your own manpower, rig availability and economics; then, request either a meeting with Gary W. Wink or submit a time frame to bring the wells into OCD compliance. This time frame will include Federal wells, you will need to schedule these with the BLM, and we would appreciate a copy.

The OCD District I office is also reviewing leases to determine the number of temporary abandoned (TA) wells that have been tested for TA status and have expired.

Attached are (3) three reports that separate the wells that are shown under our records to be either Shut In or Temporarily Abandoned. The following is an outline of what each report shows.

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

FEB 17 1997



Page 2
SI/TA Report Letter
Gary Wink - Field Rep. II

Report Form No. 43

The wells on Report 43 have had the casing tested and approved by the OCD, but the expiration date for the TA approval has expired. These wells will need to be re-tested for the TA status to be extended.

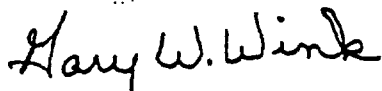
Report Form No. 44

The wells on Report 44 have been shut in for over a year and need to be brought into compliance with the TA rule, P&A'd rule or activated as an oil, gas or water injector.

Report Form No. 45.

The wells on Report 45 are in compliance with the TA rule. The date by which the wells need to be re-tested is listed. This will allow you to be informed of the date that the wells will need to be re-tested for continuation of the TA status.

Sincerely,



GARY WINK
Field Representative II

02/12/1997

SI/TA WELLS REPORT FORM 43
PRIOR TESTED WELLS NOT IN COMPLIANCE
DOYLE HARTMAN
P.O. BOX 1980

PAGE 1

NMOCD DIST I

HOBBS, NM 88241

OPERATOR: DOYLE HARTMAN

===== POOL: JALMAT;TAN-YATES-7 RVRS (PRO GAS)

30-025-24803 JACK A 20

9 A 20 T24S R37E LAND TYPE: F

LAST PROD/INJ DATE: 02/28/1993;

TEST DATE: 04/11/1994;

EXPIR DATE: 04/06/1995

MEMO: 04-11-94 TESTED TP 520 FOR 30 MINS - GOOD

.....POOL TOTAL: JALMAT;TAN-YATES-7 RVRS (PRO GAS) 1

===== POOL: MONUMENT;BLINEBRY

30-025-05939 BRITT A-6

3 L 6 T20S R37E LAND TYPE: F

LAST PROD/INJ DATE: 06/30/1973;

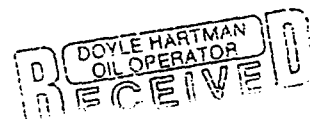
TEST DATE: 04/11/1994;

EXPIR DATE: 04/06/1995

MEMO: 04-11-94 INTEGRITY TEST IS GOOD.

.....POOL TOTAL: MONUMENT;BLINEBRY 1

.....OPERATOR TOTAL: DOYLE HARTMAN 2



FEB 1 1997

02/12/1997

SI/TA WELLS REPORT FORM 44
SI WELLS NOT IN COMPLIANCE NO PRIOR TEST
DOYLE HARTMAN
P.O. BOX 1980

PAGE 1

NMOCD DIST I

HOBBS, NM 88241

OPERATOR: DOYLE HARTMAN

===== POOL: EUMONT;YATES-7 RVRs-QUEEN (OIL)

30-025-06127 HANSEN STATE # 4 H 16 T20S R37E LAND TYPE: S
LAST PROD/INJ DATE: 06/30/1990; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

.....POOL TOTAL: EUMONT;YATES-7 RVRs-QUEEN (OIL) 1

===== POOL: EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)

30-025-24877 MEYER B-28-A COM A/C-2 # 3 C 33 T20S R37E LAND TYPE: F
LAST PROD/INJ DATE: 12/30/1975; TEST DATE: / / ; EXPIR DATE: / /
MEMO: CEMENT RETAINER @ 3530', LOAD 79 BBL INHIBITED WATER, PT 520#/30 MIN.

.....POOL TOTAL: EUMONT;YATES-7 RVRs-QUEEN (PRO GAS) 1

===== POOL: EUNICE MONUMENT;GRAYBURG-SAN ANDRES

30-025-05993 BRITT 15 # 5 K 7 T20S R37E LAND TYPE: F
LAST PROD/INJ DATE: 09/30/1987; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

30-025-06000 BRITT # 13 J 7 T20S R37E LAND TYPE: F
LAST PROD/INJ DATE: 06/30/1973; TEST DATE: / / ; EXPIR DATE: / /
MEMO: CIBP @ 3645' PT 510#

.....POOL TOTAL: EUNICE MONUMENT;GRAYBURG-SAN ANDRES 2

===== POOL: JALMAT;TAN-YATES-7 RVRs (OIL)

30-025-26947 ETZ # 3 E 7 T25S R37E LAND TYPE: P
LAST PROD/INJ DATE: 07/31/1991; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

30-025-27107 ETZ # 4 D 7 T25S R37E LAND TYPE: P
LAST PROD/INJ DATE: 07/31/1991; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

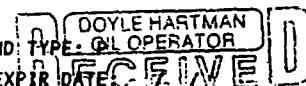
30-025-28805 B M JUSTIS # 12 E 20 T25S R37E LAND TYPE: P
LAST PROD/INJ DATE: 12/31/1993; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

.....POOL TOTAL: JALMAT;TAN-YATES-7 RVRs (OIL) 3

===== POOL: JALMAT;TAN-YATES-7 RVRs (PRO GAS)

30-025-11657 B M JUSTIS # 1 H 19 T25S R37E LAND TYPE: P
LAST PROD/INJ DATE: 01/31/1985; TEST DATE: / / ; EXPIR DATE: / /
MEMO:

30-025-08979 BOREN GREER GAS COM # 1 D 21 T25S R36E LAND TYPE: OIL OPERATOR
LAST PROD/INJ DATE: 05/30/1979; TEST DATE: / / ; EXPIR DATE: / /
MEMO:



FEB 11 1997

02/12/1997

SI/TA WELLS REPORT FORM 44
SI WELLS NOT IN COMPLIANCE NO PRIOR TEST
DOYLE HARTMAN

PAGE 2

NMOCD DIST I

P.O. BOX 1980

HOBBS, NM 88241

JALMAT;TAN-YATES-7 RVRS (PRO GAS) (cont.)

DOYLE HARTMAN (cont.)

30-025-25962 BOREN GREER GAS COM
LAST PROD/INJ DATE: 03/30/1985;
MEMO:

2 C 21 T22S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-27815 BOREN GREER GAS COM
LAST PROD/INJ DATE: 03/30/1985;
MEMO:

3 A 20 T22S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-11888 DABBS
LAST PROD/INJ DATE: 03/30/1982;
MEMO:

1 M 34 T25S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-11041 LIBERTY ROYALTIES
LAST PROD/INJ DATE: 05/30/1988;
MEMO:

5 J 7 T24S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-10884 R W COWDEN
LAST PROD/INJ DATE: 01/31/1991;
MEMO:

1 J 30 T23S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-11295 MARTIN B
LAST PROD/INJ DATE: 02/28/1993;
MEMO:

1 F 31 T24S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-11507 F M BURLESON WN
LAST PROD/INJ DATE: 12/31/1993;
MEMO:

2 F 8 T25S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-11864 ARNOTT RAMSAY NCT B
LAST PROD/INJ DATE: 07/31/1992;
MEMO:

1 M 32 T25S R37E LAND TYPE: S
TEST DATE: / / ; EXPIR DATE: / /

.....POOL TOTAL: JALMAT;TAN-YATES-7 RVRS (PRO GAS) 10

===== POOL: LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

30-025-09195 EMERY KING SE
LAST PROD/INJ DATE: 06/30/1973;
MEMO:

2 I 1 T23S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-09196 EMERY KING SE
LAST PROD/INJ DATE: 06/30/1985;
MEMO:

3 J 1 T23S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-09197 EMERY KING SE
LAST PROD/INJ DATE: 10/30/1976;
MEMO:

4 O 1 T23S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-09198 EMERY KING SE
LAST PROD/INJ DATE: 08/31/1973;
MEMO:

5 P 1 T23S R36E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

30-025-25528 YURONKA COOPER
LAST PROD/INJ DATE: 05/30/1978;
MEMO:

1 N 8 T24S R37E LAND TYPE: P
TEST DATE: / / ; EXPIR DATE: / /

02/12/1997

SI/TA WELLS REPORT FORM 44
SI WELLS NOT IN COMPLIANCE NO PRIOR TEST
DOYLE HARTMAN

PAGE 3

NMOCD DIST I

P.O. BOX 1980

HOBBS, NM 88241

LANGLIE MATTIX;7 RVRS-Q-GRAYBURG (cont.)

DOYLE HARTMAN (cont.)

30-025-09400 JANDA

LAST PROD/INJ DATE: 01/30/1985;

MEMO:

1 G 24 T23S R36E LAND TYPE: S

TEST DATE: / / ; EXPIR DATE: / /

30-025-09375 NEW MEXICO AA STATE

LAST PROD/INJ DATE: 11/30/1992;

MEMO:

2 A 22 T23S R36E LAND TYPE: S

TEST DATE: / / ; EXPIR DATE: / /

30-025-22287 STEVENS B

LAST PROD/INJ DATE: 03/31/1993;

MEMO:

21 H 7 T23S R37E LAND TYPE: F

TEST DATE: / / ; EXPIR DATE: / /

30-025-27551 ARNOTT RAMSAY MCT B

LAST PROD/INJ DATE: 08/31/1993;

MEMO:

12 O 32 T25S R37E LAND TYPE: S

TEST DATE: / / ; EXPIR DATE: / /

30-025-11889 DABBS

LAST PROD/INJ DATE: 12/31/1993;

MEMO:

2 E 34 T25S R37E LAND TYPE:

TEST DATE: / / ; EXPIR DATE: / /

.....POOL TOTAL: LANGLIE MATTIX;7 RVRS-Q-GRAYBURG 10

===== POOL: MONUMENT;BLINEBRY

30-025-05998 BRITT

LAST PROD/INJ DATE: 01/31/1994;

MEMO:

11 G 7 T20S R37E LAND TYPE: F

TEST DATE: / / ; EXPIR DATE: / /

.....POOL TOTAL: MONUMENT;BLINEBRY 1

.....OPERATOR TOTAL: DOYLE HARTMAN 28

02/12/1997

SI/TA WELLS REPORT FORM 45
WELLS IN COMPLIANCE
DOYLE HARTMAN
P.O. BOX 1980

PAGE 1

NMOC DIST I

HOBBS, NM 88241

OPERATOR: DOYLE HARTMAN

===== POOL: EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)

30-025-05907 BRITT-LAUGHLIN COM # 5 0 5 T20S R37E LAND TYPE: P
LAST PROD/INJ DATE: 01/31/1995; TEST DATE: 11/13/1995; EXPIR DATE: 11/01/2000
MEMO: LOAD CASING AND PT TO 520#; SHUT IN 3 HOURS - NO PRESSURE DROP
MEMO: 01-12-94 PRESSURE TESTED 5.5" CASING TO 530 - HELD FOR 15 MINS NO LEAK OFF
MEMO: 11-13-95 TESTED TO 1000 PSI HELD OK

30-025-06005 BRITT LAUGHLIN COM # 4 A 8 T20S R37E LAND TYPE: P
LAST PROD/INJ DATE: 07/31/1995; TEST DATE: 11/20/1995; EXPIR DATE: 11/01/2000
MEMO: 11-20-95 RETRAINER @ 3160 CASIN TESTED TO 3200 PSI HELD OK

.....POOL TOTAL: EUMONT;YATES-7 RVRs-QUEEN (PRO GAS) 2

===== POOL: EUNICE MONUMENT;GRAYBURG-SAN ANDRES

30-025-05938 BRITT A 6 # 2 L 6 T20S R37E LAND TYPE: F
LAST PROD/INJ DATE: 03/21/1994; TEST DATE: 03/21/1994; EXPIR DATE: 10/30/1997
MEMO: 03-21-94 CIBP @ 3390'; TEST TO 500 FOR 30 MINS. INTEGRITY IS GOOD.
MEMO: NO NEW TEST ON TA EXP 10/30/97.
MEMO:

.....POOL TOTAL: EUNICE MONUMENT;GRAYBURG-SAN ANDRES 1

===== POOL: MONUMENT;BLINEBRY

30-025-06007 BRITT B-8 # 2 C 8 T20S R37E LAND TYPE: F
LAST PROD/INJ DATE: 06/30/1973; TEST DATE: 03/24/1994; EXPIR DATE: 10/30/1997
MEMO: 03-22-94 CIBP AT 5234' TESTED AT 500 FOR 30 MINS INTEGRITY IS GOOD
MEMO: NO NEW TEST ON TA EXP 10/30/97.

.....POOL TOTAL: MONUMENT;BLINEBRY 1

.....OPERATOR TOTAL: DOYLE HARTMAN

4

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

AJM-065-97

Form 3160-9
(January 1989)

Number _____

Page 1 of 1

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

NOTICE OF INCIDENTS OF NONCOMPLIANCE

☒ Certified Mail-Return
Receipt Requested

☐ Hand Delivered, Received
by:

Identification

Lease **NMLC031621A**

CA

Unit

PA

Bureau of Land Management Office BUREAU OF LAND MANAGEMENT		Operator DOYLE HARTMAN	
Address 414 WEST TAYLOR HOBBS, N.M. 88240		Address BOX 10426 MIDLAND, TX. 79702	
Telephone (505) 393-3612		Attention	
Site Name BRITT A-6&7	Well or Facility Identification 3-A6, 1-A7, 4-A7, 5-A7	¼ ¼ Sec. 6, 7	Township 20S
Inspector A MASSENGILL	10-A7, 11-A7, 13-A7	Range 37E	Meridian NMPM

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE.

Date	Time (24-hour clock)	Violation	Gravity of Violation
97/08/29	02:00	43 CFR 3162.3-4	MINOR
Corrective Action To be Completed by	Date Corrected	Assessment for Noncompliance	Assessment Reference
20 DAYS AFTER RECEIPT / /		\$	43 CFR 3163.1 ()

Remarks: **WELLS ARE TEMPORARY ABANDONED WITHOUT APPROVAL. WELLS MUST BE PLUGGED OR PLACED BACK ON PRODUCTION. - SUBMIT TO THIS OFFICE, YOUR INTENTION TO EITHER PLACE BACK ON PRODUCTION OR PLUG AND ABANDONED, ON SUNDRY NOTICE FORM 3160-5, 1 ORIGINAL AND 5 COPIES, WITH A SPECIFIC DATE FOR COMPLIANCE.**

When violation is corrected, sign this notice and return to above address.

Company Representative Title _____ Signature _____ Date _____

Company Comments _____

WARNING

Incidents of Noncompliance correction and reporting time frames begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By," you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits false, inaccurate, or misleading reports, notices, affidavits, records, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of the date of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 4405 Wilson Blvd., Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer <i>VR Baldus</i>	Date 97/08/29	Time 02:00
---	-------------------------	----------------------

FOR OFFICE USE ONLY

Number 50	Date	Assessment	Penalty	Termination
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Type of Inspection:
RV

ORIGINAL (RETURN TO ISSUING OFFICE)



FEB 26 1997

AJM-038-97

Form 3160-9
(January 1989)

7622 716 367

☒ Certified Mail-Return
Receipt Requested☐ Hand Delivered, Received
by:UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOTICE OF INCIDENTS OF NONCOMPLIANCE

Number _____
Page 1 of 1

Identification
Lease NMLC031621A
CA
Unit
PA

Bureau of Land Management Office BUREAU OF LAND MANAGEMENT		Operator DOYLE HARTMAN	
Address 414 WEST TAYLOR HOBBS, N.M. 88240		Address P.O. BOX 10426 MIDLAND, TX. 79702	
Telephone (505) 393-3612		Attention	
Site Name BRITT A-6, A-7	Well or Facility Identification #3, #4, 13, 1	1/4 Sec. 6, 7	Township 20S
Inspector A MASSENGILL	(A-6 #3) (A-7 #4, 13.1)	Range 37E	Meridian NMPM

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE.

Date	Time (24-hour clock)	Violation	Gravity of Violation
97/02/21	11:00	43 CFR 3162.3-4	MINOR
Corrective Action To be Completed by	Date Corrected	Assessment for Noncompliance	Assessment Reference
20 DAYS AFTER RECEIPT / /		\$	43 CFR 3163.1 ()

Remarks: WELLS ARE TEMPORARY ABANDONED WITHOUT APPROVAL. WELLS MUST
BE PLACED BACK ON PRODUCTION OR A PLUGGING & ABANDONMENT
PROCEDURE MUST BE SUBMITTED. SUBMIT INTENT ON A 3160-5
(SUNDRY NOTICE) 1 ORIGINAL AND 5 COPIES TO THIS OFFICE
WITHIN 20 DAYS FROM RECEIPT OF THIS NOTICE.

When violation is corrected, sign this notice and return to above address.

Company Representative Title _____ Signature _____ Date _____

Company Comments _____

WARNING

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Signature of Bureau of Land Management Authorized Officer <i>WR Balling</i>	Date 97/02/21	Time 11:00
--	------------------	---------------

FOR OFFICE USE ONLY

Number 50	Date	Assessment	Penalty	Termination
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Type of Inspection:

PH

BRITT #2
LEA COUNTY, NM
EUMONT YATES 7 RIVERS QN (GAS)
DOYLE HARTMAN

DATE: 08/13/02
TIME: 07:51:07
FILE: DHMON5
GET#: 28

RESERVES AND ECONOMICS

CUM GAS 95,834 MCF
CUM OIL 0 STB

AS OF JULY 1, 2002

C-7 -20S-37E
LEASE # 6521

-END- MO-YR	---GROSS PRODUCTION---		---NET PRODUCTION---		---PRICES---		---OPERATIONS, M\$---			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	7.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12- 2	.000	44.007	.000	24.145	18.00	2.50	60.363	5.191	2.049	.000	53.123	52.234
12- 3	.000	75.370	.000	41.352	18.59	2.58	106.481	9.157	4.139	.000	93.185	139.339
12- 4	.000	65.660	.000	36.025	19.21	2.65	95.547	8.217	4.181	.000	83.149	211.978
12- 5	.000	59.600	.000	32.700	19.84	2.73	89.330	7.682	4.223	.000	77.425	275.192
12- 6	.000	55.303	.000	30.342	20.50	2.81	85.375	7.342	4.265	.000	73.768	331.480
12- 7	.000	52.029	.000	28.546	21.17	2.90	82.732	7.115	4.308	.000	71.309	382.332
12- 8	.000	49.356	.000	27.079	21.87	2.99	80.834	6.952	4.351	.000	69.531	428.672
12- 9	.000	46.888	.000	25.725	22.59	3.07	79.096	6.802	4.394	.000	67.900	470.965
12-10	.000	44.544	.000	24.439	23.34	3.17	77.396	6.656	4.438	.000	66.302	509.561
12-11	.000	42.316	.000	23.217	24.11	3.26	75.732	6.513	4.482	.000	64.737	544.780
12-12	.000	40.201	.000	22.056	24.90	3.36	74.104	6.373	4.527	.000	63.204	576.916
12-13	.000	38.191	.000	20.954	25.73	3.46	72.513	6.236	4.572	.000	61.705	606.237
12-14	.000	36.281	.000	19.906	26.58	3.56	70.953	6.102	4.618	.000	60.233	632.986
12-15	.000	34.468	.000	18.911	27.45	3.67	69.429	5.971	4.664	.000	58.794	657.388
12-16	.000	32.743	.000	17.965	28.36	3.78	67.934	5.842	4.711	.000	57.381	679.646
12-17	.000	31.107	.000	17.067	29.29	3.89	66.475	5.717	4.758	.000	56.000	699.947
12-18	.000	29.551	.000	16.213	30.26	4.01	65.043	5.594	4.806	.000	54.643	718.460
12-19	.000	28.074	.000	15.403	31.26	4.13	63.647	5.474	4.854	.000	53.319	735.343
12-20	.000	26.670	.000	14.633	32.29	4.26	62.279	5.356	4.902	.000	52.021	750.737
12-21	.000	25.337	.000	13.901	33.36	4.38	60.939	5.241	4.951	.000	50.747	764.772
12-22	.000	24.069	.000	13.206	34.46	4.52	59.629	5.128	5.001	.000	49.500	777.566
12-23	.000	22.867	.000	12.546	35.59	4.65	58.348	5.018	5.051	.000	48.279	789.228
12-24	.000	21.723	.000	11.918	36.77	4.79	57.090	4.910	5.101	.000	47.079	799.856
12-25	.000	20.636	.000	11.322	37.98	4.93	55.862	4.804	5.152	.000	45.906	809.542
12-26	.000	19.605	.000	10.756	39.24	5.08	54.662	4.701	5.204	.000	44.757	818.367
12-27	.000	18.625	.000	10.219	40.53	5.23	53.491	4.600	5.256	.000	43.635	826.408
12-28	.000	17.693	.000	9.707	41.87	5.39	52.335	4.501	5.309	.000	42.525	833.732
12-29	.000	16.809	.000	9.222	43.25	5.55	51.212	4.404	5.362	.000	41.446	840.403
12-30	.000	15.968	.000	8.761	44.68	5.72	50.111	4.310	5.415	.000	40.386	846.478
12-31	.000	15.170	.000	8.323	46.15	5.89	49.034	4.217	5.469	.000	39.348	852.010
12-32	.000	14.412	.000	7.907	47.67	6.07	47.981	4.126	5.524	.000	38.331	857.046
12-33	.000	13.691	.000	7.512	49.25	6.25	46.952	4.038	5.579	.000	37.335	861.631
12-34	.000	13.006	.000	7.136	50.87	6.44	45.939	3.951	5.635	.000	36.353	865.803
12-35	.000	12.356	.000	6.779	52.55	6.63	44.950	3.866	5.691	.000	35.393	869.599
12-36	.000	11.738	.000	6.440	54.29	6.83	43.984	3.783	5.748	.000	34.453	873.053
12-37	.000	11.152	.000	6.119	56.08	7.03	43.045	3.702	5.806	.000	33.537	876.195
12-38	.000	10.593	.000	5.812	57.93	7.25	42.112	3.622	5.864	.000	32.626	879.051
12-39	.000	10.064	.000	5.522	59.84	7.46	41.211	3.544	5.923	.000	31.744	881.648
12-40	.000	9.561	.000	5.246	61.81	7.69	40.326	3.468	5.982	.000	30.876	884.009
12-64	.000	128.544	.000	70.526	95.07	11.35	800.656	68.856	162.766	.000	569.034	904.818
S TOT	.000	1285.978	.000	705.558	.00	4.60	3245.132	279.082	355.031	.000	2611.019	904.818
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	904.818
TOTAL	.000	1285.978	.000	705.558	.00	4.60	3245.132	279.082	355.031	.000	2611.019	904.818
CUM.	.000	95.834						.000				
ULT.	.000	1381.812										
-----PRESENT WORTH PROFILE-----												
BTAX RATE OF RETURN (PCT)		100.00	PROJECT LIFE (YEARS)				62.474		.0	2611.019	30.0	309.540
BTAX PAYOUT YEARS		.00	DISCOUNT RATE (PCT)				7.000		2.0	1734.893	35.0	275.904
BTAX PAYOUT YEARS (DISC)		.00	GROSS OIL WELLS				.000		5.0	1120.551	40.0	250.016
BTAX NET INCOME/INVEST		.00	GROSS GAS WELLS				1.000		8.0	826.171	45.0	229.443
BTAX NET INCOME/INVEST (DISC)		.00	GROSS WELLS				1.000		10.0	705.513	50.0	212.673
									12.0	617.519	60.0	186.934
INITIAL W.I. FRACTION		.685816	INITIAL NET OIL FRACTION				.000000		15.0	522.800	70.0	168.039
FINAL W.I. FRACTION		.685816	FINAL NET OIL FRACTION				.000000		18.0	455.536	80.0	153.537
PRODUCTION START DATE		7- 1- 2	INITIAL NET GAS FRACTION				.548653		20.0	420.554	90.0	142.027
MONTHS IN FIRST LINE		6.00	FINAL NET GAS FRACTION				.548653		25.0	355.115	100.0	132.646

WI .68581635
NRI .54865312
PRODUCING

OGRE(R) V1.41 BTAX
 FILE NAME: DEMON5 (28)
 CASE NAME: NMEUMONT YATES 7 RIVERS QN (GAS) BRITT #2
 CMD NAME: STDA5107(300)

D A T A R E P O R T

DATE: 08/13/02
 TIME: 07:51:07

7 C 20S 37E ACT025

101 BRITT #2
 102 LEA COUNTY, NM
 103 EUMONT YATES 7 RIVERS QN (GAS)
 104 DOYLE HARTMAN
 105 C-7 -20S-37E
 106 LEASE # 6521
 107 CUM GAS 95,834 MCF
 108 CUM OIL 0 STB

117 CASE \$COM1

* 120 7 2002 12 7 1 2002 7 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	.68581635	.00	498.00	.000	GAS	7/ 1/ 2	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
221	OIL	.000	.00000000	18.000	8.600	.0	
222	GAS	95.834	.54865312	3.000	8.600	1.0	
400	! OIL 100.00 10.000 1.0 X 5.000 % D						
401	! OIL EXP LAST LAST EL X X D						

	PH. NAME	CURVE TP	DECLINE%	Q1 RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
405	GAS	300.000	28.384	259.000	X	5.000	%	D
CALC	GAS	300.000END=	5.000	259.000	138.719	5.500	YRS	D 447.809 MMCF
406	GAS	EXP	LAST	LAST	EL	X	X	D
CALC	GAS	EXP	END=	138.719	7.464	62.474	YRS	D 1381.812 MMCF

600 CASE \$COM2

* 600 CASE \$COM2

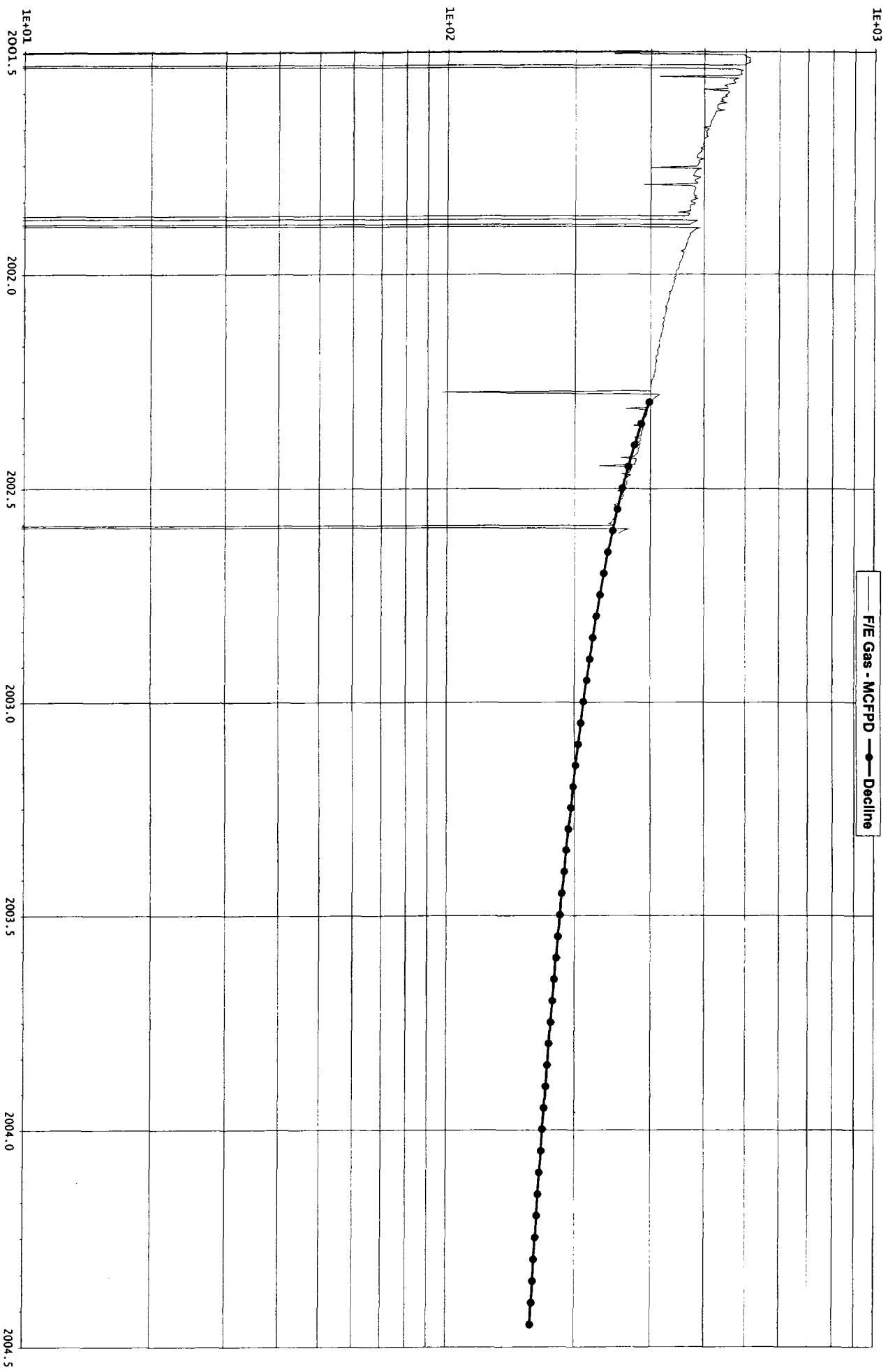
600 SERIES LINES:

* 606 DATA OILP : 18 TO LIFE
 * 607 DATA GASP : 2.50 TO LIFE
 * 615 DATA OPCOST : ESC 1.0 % TO LIFE
 * 620 DATA OILP : ESC 3.3 % TO LIFE
 * 630 DATA GASP : ESC 3 % TO LIFE

FOOTNOTES:

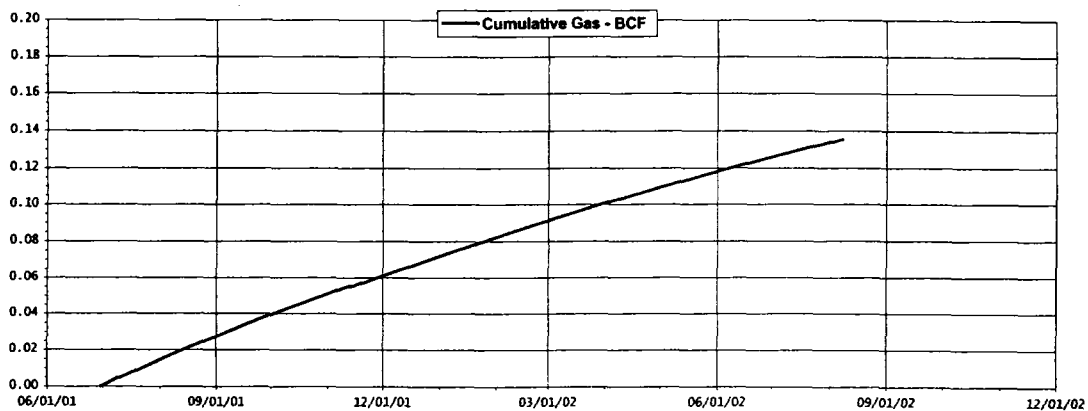
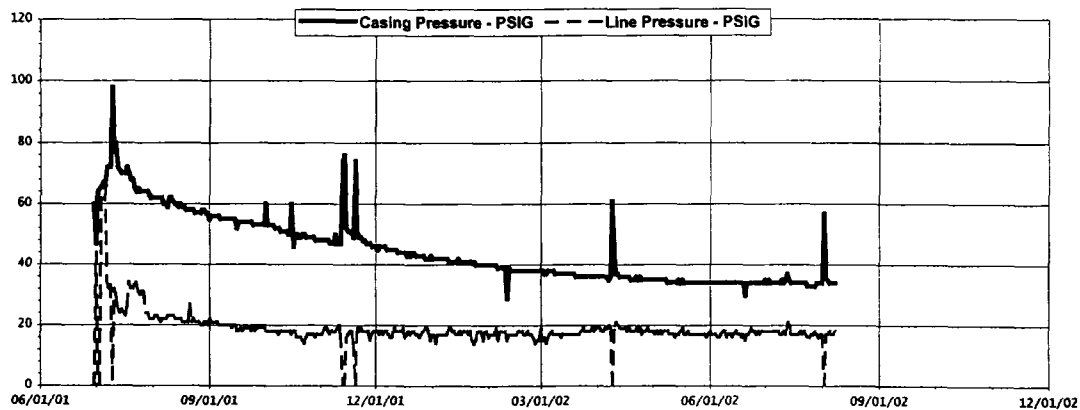
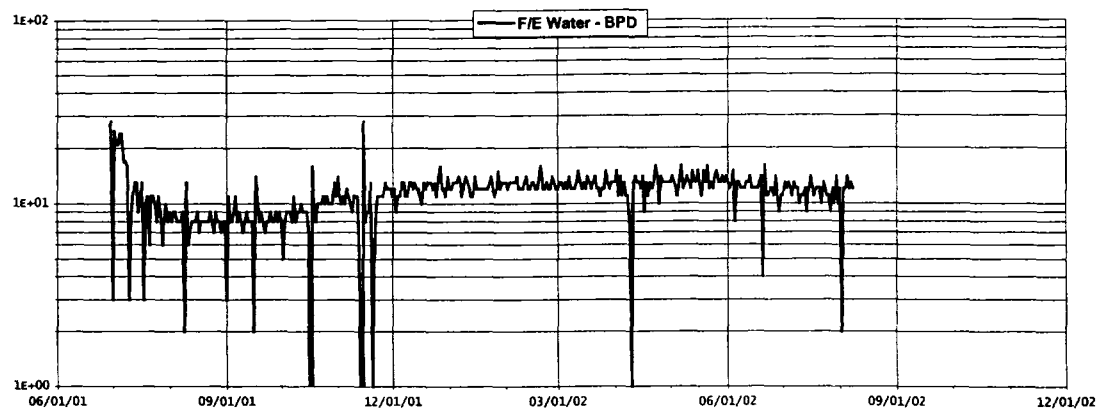
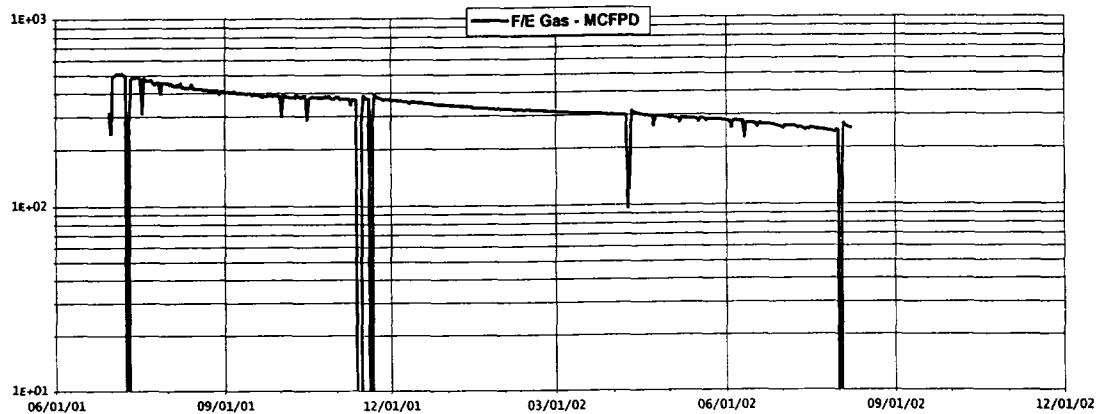
901 WI .68581635
 902 NRI .54865312
 904 PRODUCING

Britt #2
Eumont (Y-7R-Q) Gas
C-07-20S-37E
Doyle Hartman



08/08/02 0.136 BCF 0.0 MBO 1.9 MBW

Britt #2
Eumont (Y-7R-Q) Gas
C-07-20S-37E
Doyle Hartman



08/08/02: 0.135 BCF 0.0 MBO 4.6 MBW

BRITT #4
LEA COUNTY, NM
EUMONT YATES 7 RIVERS ON (GAS)
DOYLE HARTMAN

DATE: 08/12/02
TIME: 08:11:19
FILE: DEMON5
GET#: 30

RESERVES AND ECONOMICS

CUM GAS 154,729 MCF
CUM OIL 0 STB

AS OF JULY 1, 2002

B-7 -20S-37E
LEASE # 6548

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	7.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	MMCF	MMCF	OIL, MMBL	GAS, MMCF	MMCF	\$/B	\$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES				
12- 2	.000		79.043		.000	43.367	18.00	2.50	108.418	9.324	1.646	.000	97.448	95.818		
12- 3	.000		138.034		.000	75.733	18.59	2.58	195.012	16.771	3.325	.000	174.916	259.322		
12- 4	.000		119.951		.000	65.811	19.21	2.65	174.547	15.011	3.358	.000	156.178	395.760		
12- 5	.000		107.531		.000	58.997	19.84	2.73	161.169	13.861	3.392	.000	143.916	513.261		
12- 6	.000		98.318		.000	53.942	20.50	2.81	151.780	13.053	3.426	.000	135.301	616.501		
12- 7	.000		91.133		.000	50.000	21.17	2.90	144.909	12.462	3.460	.000	128.987	708.484		
12- 8	.000		85.324		.000	46.813	21.87	2.99	139.743	12.018	3.494	.000	124.231	791.280		
12- 9	.000		80.503		.000	44.168	22.59	3.07	135.803	11.679	3.529	.000	120.595	866.395		
12-10	.000		76.374		.000	41.903	23.34	3.17	132.704	11.413	3.565	.000	117.726	934.926		
12-11	.000		72.556		.000	39.808	24.11	3.26	129.851	11.167	3.600	.000	115.084	997.536		
12-12	.000		68.928		.000	37.818	24.90	3.36	127.061	10.927	3.636	.000	112.498	1054.735		
12-13	.000		65.481		.000	35.926	25.73	3.46	124.325	10.692	3.673	.000	109.960	1106.986		
12-14	.000		62.207		.000	34.130	26.58	3.56	121.653	10.462	3.709	.000	107.482	1154.718		
12-15	.000		59.097		.000	32.424	27.45	3.67	119.039	10.237	3.747	.000	105.055	1198.320		
12-16	.000		56.142		.000	30.802	28.36	3.78	116.477	10.017	3.784	.000	102.676	1238.147		
12-17	.000		53.335		.000	29.262	29.29	3.89	113.973	9.802	3.822	.000	100.349	1274.525		
12-18	.000		50.668		.000	27.799	30.26	4.01	111.523	9.591	3.860	.000	98.072	1307.752		
12-19	.000		48.135		.000	26.409	31.26	4.13	109.125	9.385	3.899	.000	95.841	1338.099		
12-20	.000		45.728		.000	25.089	32.29	4.26	106.781	9.183	3.938	.000	93.660	1365.815		
12-21	.000		43.442		.000	23.835	33.36	4.38	104.487	8.986	3.977	.000	91.524	1391.127		
12-22	.000		41.270		.000	22.643	34.46	4.52	102.239	8.793	4.017	.000	89.429	1414.242		
12-23	.000		39.206		.000	21.510	35.59	4.65	100.037	8.603	4.057	.000	87.377	1435.349		
12-24	.000		37.246		.000	20.435	36.77	4.79	97.889	8.418	4.098	.000	85.373	1454.622		
12-25	.000		35.383		.000	19.413	37.98	4.93	95.783	8.237	4.138	.000	83.408	1472.220		
12-26	.000		33.614		.000	18.442	39.24	5.08	93.722	8.060	4.180	.000	81.482	1488.287		
12-27	.000		31.934		.000	17.521	40.53	5.23	91.713	7.887	4.222	.000	79.604	1502.957		
12-28	.000		30.337		.000	16.644	41.87	5.39	89.736	7.717	4.264	.000	77.755	1516.349		
12-29	.000		28.820		.000	15.812	43.25	5.55	87.808	7.551	4.307	.000	75.950	1528.574		
12-30	.000		27.379		.000	15.022	44.68	5.72	85.923	7.389	4.350	.000	74.184	1539.734		
12-31	.000		26.010		.000	14.270	46.15	5.89	84.070	7.230	4.393	.000	72.447	1549.919		
12-32	.000		24.710		.000	13.557	47.67	6.07	82.266	7.075	4.437	.000	70.754	1559.216		
12-33	.000		23.474		.000	12.879	49.25	6.25	80.496	6.923	4.481	.000	69.092	1567.700		
12-34	.000		22.300		.000	12.235	50.87	6.44	78.765	6.774	4.526	.000	67.465	1575.442		
12-35	.000		21.186		.000	11.624	52.55	6.63	77.077	6.629	4.571	.000	65.877	1582.508		
12-36	.000		20.126		.000	11.042	54.29	6.83	75.414	6.486	4.617	.000	64.311	1588.954		
12-37	.000		19.120		.000	10.490	56.08	7.03	73.794	6.346	4.663	.000	62.785	1594.836		
12-38	.000		18.164		.000	9.966	57.93	7.25	72.211	6.210	4.710	.000	61.291	1600.202		
12-39	.000		17.255		.000	9.467	59.84	7.46	70.653	6.076	4.757	.000	59.820	1605.097		
12-40	.000		16.393		.000	8.994	61.81	7.69	69.137	5.946	4.805	.000	58.386	1609.562		
10-79	.000		268.805		.000	147.481	125.81	14.60	2153.831	185.229	228.362	.000	1740.240	1655.050		
S TOT	.000		2284.662		.000	1253.483	.00	5.10	6390.944	549.620	382.795	.000	5458.529	1655.050		
REM.	.000		.000		.000	.000	.00	.00	.000	.000	.000	.000	.000	1655.050		
TOTAL	.000		2284.662		.000	1253.483	.00	5.10	6390.944	549.620	382.795	.000	5458.529	1655.050		
CUM.	.000		154.729			NET OIL REVENUES (M\$)					.000	-----PRESENT WORTH PROFILE-----				
ULT.	.000		2439.391			NET GAS REVENUES (M\$)					6390.944	DISC	PW OF NET	DISC	PW OF NET	
						TOTAL REVENUES (M\$)					6390.944	RATE	BTAX, M\$	RATE	BTAX, M\$	
BTAX RATE OF RETURN (PCT)				100.00		PROJECT LIFE (YEARS)					77.258	.0	5458.529	30.0	570.402	
BTAX PAYOUT YEARS				.00		DISCOUNT RATE (PCT)					7.000	2.0	3338.820	35.0	509.258	
BTAX PAYOUT YEARS (DISC)				.00		GROSS OIL WELLS					.000	5.0	2065.037	40.0	462.082	
BTAX NET INCOME/INVEST				.00		GROSS GAS WELLS					1.000	8.0	1509.103	45.0	424.505	
BTAX NET INCOME/INVEST (DISC)				.00		GROSS WELLS					1.000	10.0	1287.833	50.0	393.816	
											12.0	1127.847	60.0	346.574		
INITIAL W.I. FRACTION			.685816			INITIAL NET OIL FRACTION					.000000	15.0	956.342	70.0	311.790	
FINAL W.I. FRACTION			.685816			FINAL NET OIL FRACTION					.000000	18.0	834.732	80.0	285.023	
PRODUCTION START DATE				7- 1- 2		INITIAL NET GAS FRACTION					.548653	20.0	771.486	90.0	263.730	
MONTHS IN FIRST LINE				6.00		FINAL NET GAS FRACTION					.548653	25.0	653.051	100.0	246.353	

WI .68581635
NRI .54865312
PRODUCING

OGRE(R) V1.41 BTAX
 FILE NAME: DHMON5 (30)
 CASE NAME: NMEUMONT YATES 7 RIVERS QN (GAS) BRITT #4
 CMD NAME: STDS1119(300)

D A T A R E P O R T

DATE: 08/12/02
 TIME: 08:11:19

7 B 20S 37E ACT025

101 BRITT #4
 102 LEA COUNTY, NM
 103 EUMONT YATES 7 RIVERS QN (GAS)
 104 DOYLE HARTMAN
 105 B-7 -20S-37E
 106 LEASE # 6548
 107 CUM GAS 154,729 MCF
 108 CUM OIL 0 STB

117 CASE \$COM1

* 120 7 2002 12 7 1 2002 7 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	.68581635	.00	400.00	.000	GAS	7/ 1/ 2	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
221	OIL	.000	.000000000	18.000	8.600	.0	
222	GAS	154.729	.54865312	3.000	8.600	1.0	
400	!OIL 100.00 10.000 1.0 X 5.000 % D						
401	!OIL EXP LAST LAST EL X X D						

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
405	GAS	200.000	21.012	457.300	X	5.000 %	D	
CALC	GAS	200.000END=	5.000	457.300	213.251	7.628 YRS	D	964.569 MMCF
406	GAS	EXP	LAST	LAST	EL	X X	D	
CALC	GAS	EXP	END=	5.000	213.251	77.258 YRS	D	2439.391 MMCF

600 CASE \$COM2

* 600 CASE \$COM2

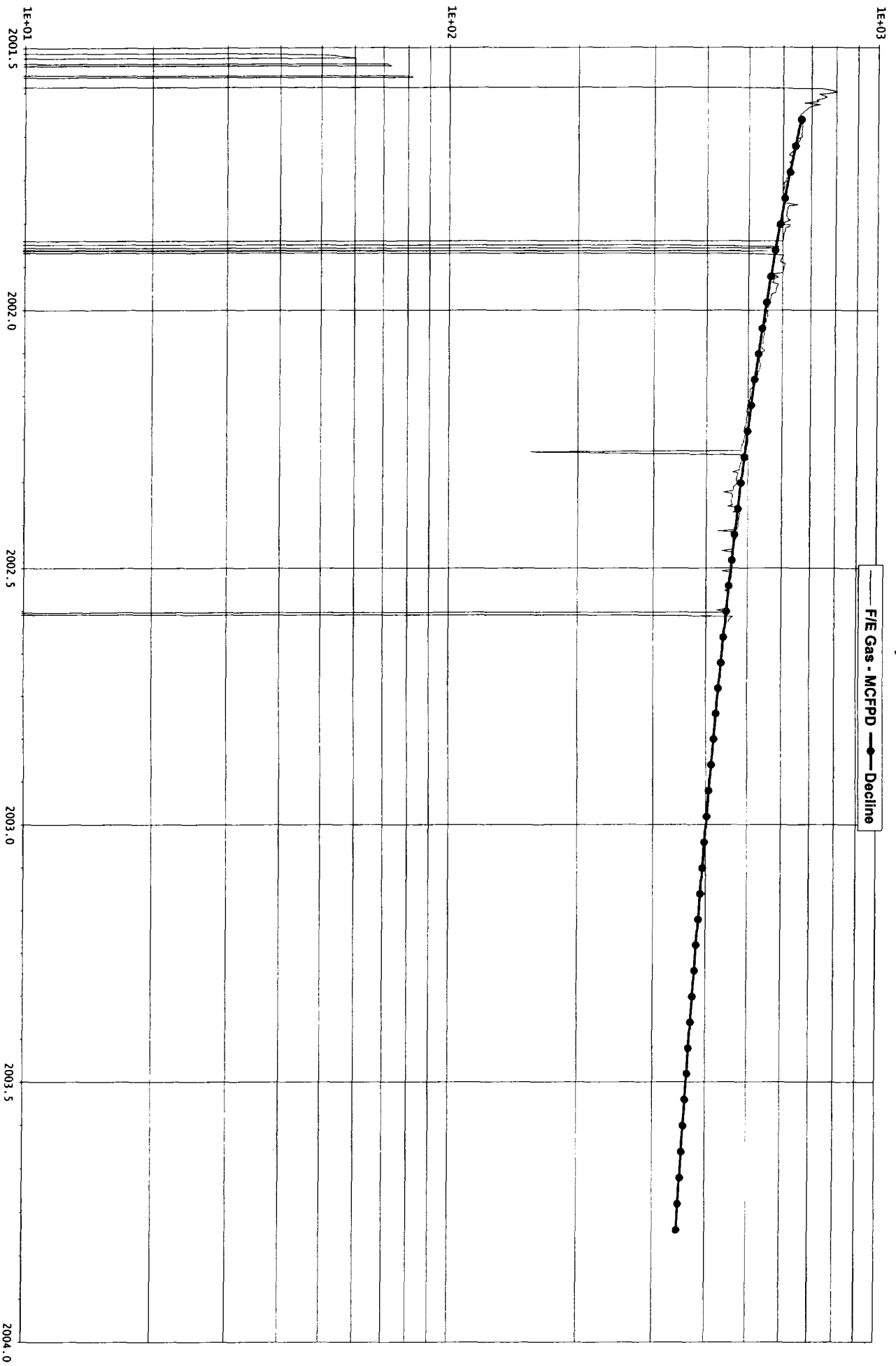
600 SERIES LINES:

 * 606 DATA OILP : 18 TO LIFE
 * 607 DATA GASP : 2.50 TO LIFE
 * 615 DATA OPCOST : ESC 1.0 % TO LIFE
 * 620 DATA OILP : ESC 3.3 % TO LIFE
 * 630 DATA GASP : ESC 3 % TO LIFE

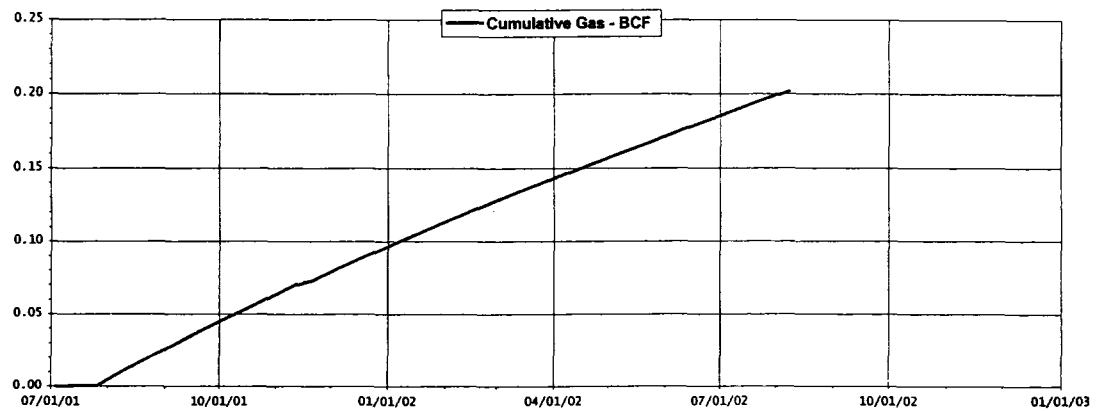
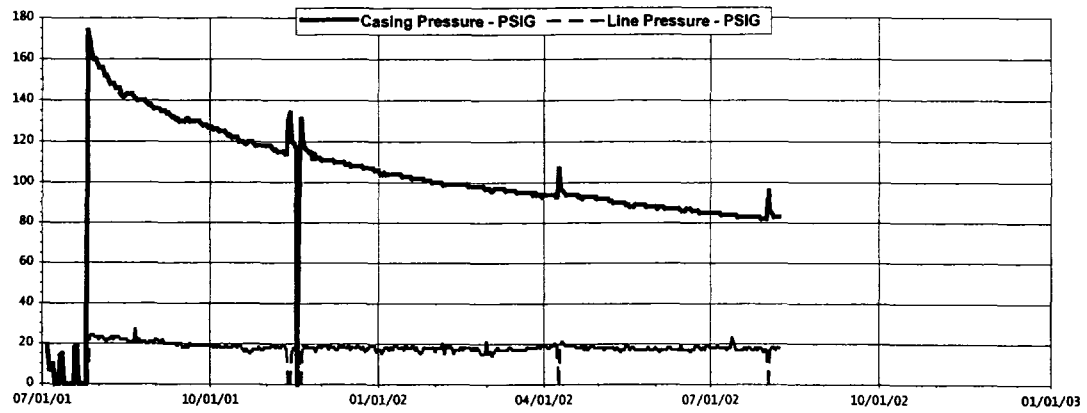
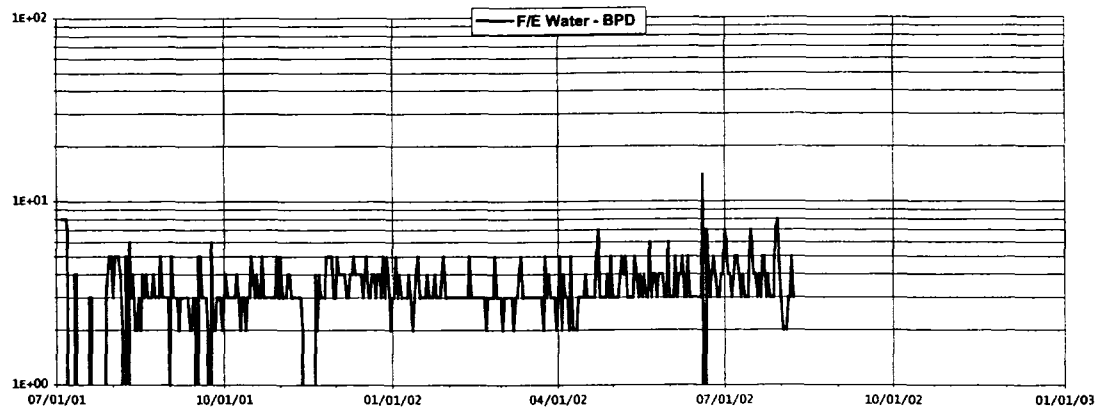
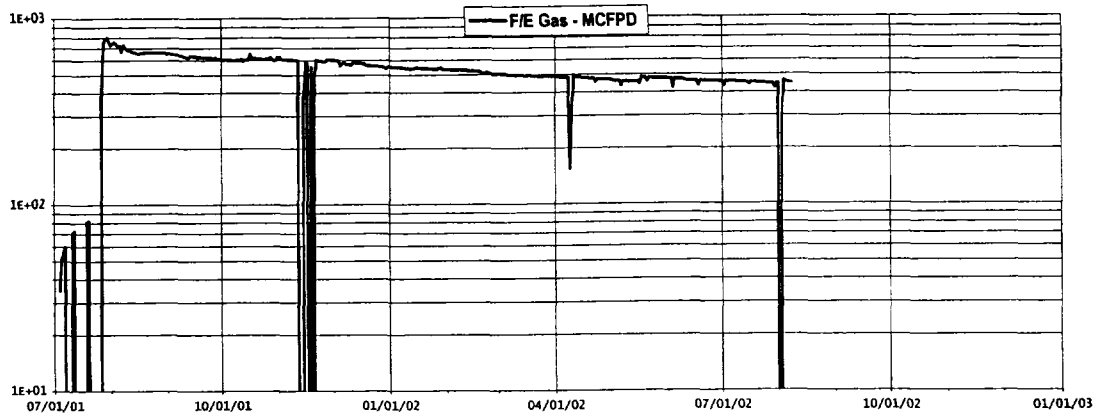
FOOTNOTES:

 901 WI .68581635
 902 NRI .54865312
 904 PRODUCING

Britt #4
Eumont (Y-7R-Q) Gas
B-07-20S-37E
Doyle Hartman



Britt #4
Eumont (Y-7R-Q) Gas
B-07-20S-37E
Doyle Hartman



BRITT #5
LEA COUNTY, NM
EUMONT YATES 7 RIVERS QN (GAS)
DOYLE HARTMAN

DATE: 08/13/02
TIME: 07:53:39
FILE: DRMON5
GET#: 31

RESERVES AND ECONOMICS

CUM GAS 128,062 MCF
CUM OIL 0 STB

AS OF JULY 1, 2002

K-7 -20S-37E
LEASE # 825

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	7.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	MMBL	GAS, MMCF	MMCF	OIL, MMBL	MMBL	GAS, MMCF	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12- 2		.000		39.358		.000		21.594	18.00	2.50	53.985	4.643	1.436	.000	47.906	47.105
12- 3		.000		59.567		.000		32.682	18.59	2.58	84.156	7.237	2.901	.000	74.018	116.294
12- 4		.000		46.009		.000		25.243	19.21	2.65	66.951	5.758	2.930	.000	58.263	167.193
12- 5		.000		38.244		.000		20.983	19.84	2.73	57.322	4.930	2.959	.000	49.433	207.553
12- 6		.000		33.105		.000		18.163	20.50	2.81	51.107	4.395	2.989	.000	43.723	240.915
12- 7		.000		29.408		.000		16.135	21.17	2.90	46.762	4.022	3.019	.000	39.721	269.241
12- 8		.000		26.596		.000		14.592	21.87	2.99	43.559	3.746	3.049	.000	36.764	293.743
12- 9		.000		24.374		.000		13.373	22.59	3.07	41.118	3.536	3.079	.000	34.503	315.234
12-10		.000		22.564		.000		12.380	23.34	3.17	39.207	3.372	3.110	.000	32.725	334.284
12-11		.000		21.057		.000		11.553	24.11	3.26	37.685	3.241	3.141	.000	31.303	351.314
12-12		.000		19.779		.000		10.852	24.90	3.36	36.460	3.136	3.173	.000	30.151	366.644
12-13		.000		18.679		.000		10.248	25.73	3.46	35.464	3.050	3.204	.000	29.210	380.524
12-14		.000		17.717		.000		9.720	26.58	3.56	34.646	2.980	3.236	.000	28.430	393.150
12-15		.000		16.830		.000		9.234	27.45	3.67	33.901	2.915	3.269	.000	27.717	404.654
12-16		.000		15.989		.000		8.772	28.36	3.78	33.171	2.853	3.302	.000	27.016	415.133
12-17		.000		15.189		.000		8.333	29.29	3.89	32.456	2.791	3.335	.000	26.330	424.678
12-18		.000		14.431		.000		7.918	30.26	4.01	31.765	2.732	3.368	.000	25.665	433.373
12-19		.000		13.708		.000		7.521	31.26	4.13	31.078	2.673	3.402	.000	25.003	441.290
12-20		.000		13.023		.000		7.145	32.29	4.26	30.410	2.615	3.436	.000	24.359	448.498
12-21		.000		12.372		.000		6.788	33.36	4.38	29.757	2.559	3.470	.000	23.728	455.060
12-22		.000		11.753		.000		6.448	34.46	4.52	29.115	2.504	3.505	.000	23.106	461.032
12-23		.000		11.166		.000		6.126	35.59	4.65	28.490	2.450	3.540	.000	22.500	466.467
12-24		.000		10.607		.000		5.820	36.77	4.79	27.879	2.398	3.575	.000	21.906	471.412
12-25		.000		10.078		.000		5.529	37.98	4.93	27.280	2.346	3.611	.000	21.323	475.911
12-26		.000		9.573		.000		5.252	39.24	5.08	26.691	2.295	3.647	.000	20.749	480.002
12-27		.000		9.094		.000		4.989	40.53	5.23	26.115	2.246	3.683	.000	20.186	483.722
12-28		.000		8.640		.000		4.740	41.87	5.39	25.556	2.198	3.720	.000	19.638	487.104
12-29		.000		8.208		.000		4.503	43.25	5.55	25.006	2.151	3.757	.000	19.098	490.178
12-30		.000		7.797		.000		4.278	44.68	5.72	24.469	2.104	3.795	.000	18.570	492.972
12-31		.000		7.408		.000		4.064	46.15	5.89	23.943	2.059	3.833	.000	18.051	495.510
12-32		.000		7.037		.000		3.861	47.67	6.07	23.429	2.015	3.871	.000	17.543	497.815
12-33		.000		6.685		.000		3.668	49.25	6.25	22.926	1.972	3.910	.000	17.044	499.908
12-34		.000		6.351		.000		3.484	50.87	6.44	22.429	1.929	3.949	.000	16.551	501.807
12-35		.000		6.034		.000		3.311	52.55	6.63	21.955	1.888	3.989	.000	16.078	503.531
12-36		.000		5.732		.000		3.145	54.29	6.83	21.480	1.847	4.028	.000	15.605	505.095
12-37		.000		5.445		.000		2.987	56.08	7.03	21.013	1.807	4.069	.000	15.137	506.513
12-38		.000		5.173		.000		2.838	57.93	7.25	20.563	1.768	4.109	.000	14.686	507.799
12-39		.000		4.914		.000		2.696	59.84	7.46	20.120	1.730	4.151	.000	14.239	508.964
12-40		.000		4.669		.000		2.562	61.81	7.69	19.694	1.694	4.192	.000	13.808	510.020
12-57		.000		51.482		.000		28.246	83.75	10.12	285.982	24.594	77.689	.000	183.699	518.103
S TOT		.000		695.845		.000		381.776	.00	4.18	1595.095	137.179	212.431	.000	1245.485	518.103
REM.		.000		.000		.000		.000	.00	.00	.000	.000	.000	.000	.000	518.103
TOTAL		.000		695.845		.000		381.776	.00	4.18	1595.095	137.179	212.431	.000	1245.485	518.103
CUM.		.000		128.062				NET OIL REVENUES (M\$)				.000	-----PRESENT WORTH PROFILE-----			
ULT.		.000		823.907				NET GAS REVENUES (M\$)				1595.095	DISC	PW OF NET	DISC	PW OF NET
								TOTAL REVENUES (M\$)				1595.095	RATE	BTAX, M\$	RATE	BTAX, M\$
BTAX RATE OF RETURN (PCT)					100.00			PROJECT LIFE (YEARS)				55.431		1245.485	30.0	214.069
BTAX PAYOUT YEARS					.00			DISCOUNT RATE (PCT)				7.000	2.0	890.002	35.0	194.686
BTAX PAYOUT YEARS (DISC)					.00			GROSS OIL WELLS				.000	5.0	619.141	40.0	179.407
BTAX NET INCOME/INVEST					.00			GROSS GAS WELLS				1.000	8.0	480.344	45.0	167.010
BTAX NET INCOME/INVEST (DISC)					.00			GROSS WELLS				1.000	10.0	421.344	50.0	156.714
													12.0	377.396	60.0	140.529
INITIAL W.I. FRACTION					.685816			INITIAL NET OIL FRACTION				.000000	15.0	329.045	70.0	128.321
FINAL W.I. FRACTION					.685816			FINAL NET OIL FRACTION				.000000	18.0	293.887	80.0	118.739
PRODUCTION START DATE					7- 1- 2			INITIAL NET GAS FRACTION				.548653	20.0	275.264	90.0	110.987
MONTHS IN FIRST LINE					6.00			FINAL NET GAS FRACTION				.548653	25.0	239.640	100.0	104.568

WI .68581635
NRI .54865312
PRODUCING

OGRE(R) V1.41 BTAX
 FILE NAME: DEMON5 (31)
 CASE NAME: NMEUMONT YATES 7 RIVERS QN (GAS) BRITT #5
 CMD NAME: STDC5339(300)

D A T A R E P O R T

DATE: 08/13/02
 TIME: 07:53:39

7 K 20S 37E ACT025

101 BRITT #5
 102 LEA COUNTY, NM
 103 EUMONT YATES 7 RIVERS QN (GAS)
 104 DOYLE HARTMAN
 105 K-7 -20S-37E
 106 LEASE # 825
 107 CUM GAS 128,062 MCF
 108 CUM OIL 0 STB

117 CASE \$COM1

* 120 7 2002 12 7 1 2002 7 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	.68581635	.00	349.00	.000	GAS	7/ 1/ 2	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
221	OIL	.000	.00000000	18.000	8.600	.0	
222	GAS	128.062	.54865312	3.000	8.600	1.0	
400	!OIL 100.00 10.000 1.0 X 5.000 % D						
401	!OIL EXP LAST LAST EL X X D						

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
405	GAS	150.000	43.485	244.000	X	5.000 %	D	
CALC	GAS	150.000END=	5.000	244.000	48.960	11.829 YRS	D	512.730 MMCF
406	GAS	EXP	LAST	LAST	EL	X X	D	
CALC	GAS	EXP	END=	48.960	5.231	55.431 YRS	D	823.907 MMCF

600 CASE \$COM2

* 600 CASE \$COM2

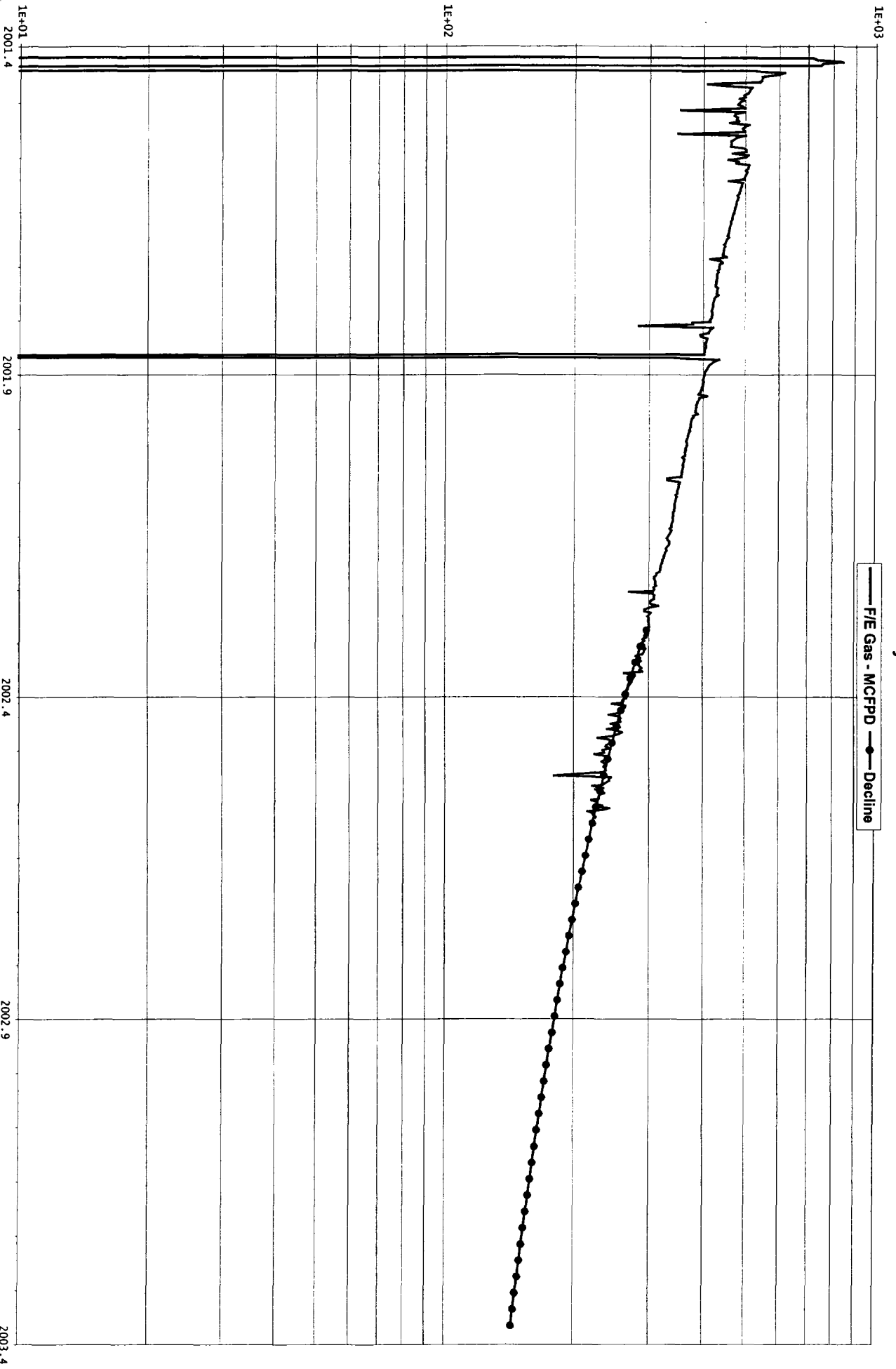
600 SERIES LINES:

* 606 DATA OILP : 18 TO LIFE
 * 607 DATA GASP : 2.50 TO LIFE
 * 615 DATA OPCOST : ESC 1.0 % TO LIFE
 * 620 DATA OILP : ESC 3.3 % TO LIFE
 * 630 DATA GASP : ESC 3 % TO LIFE

FOOTNOTES:

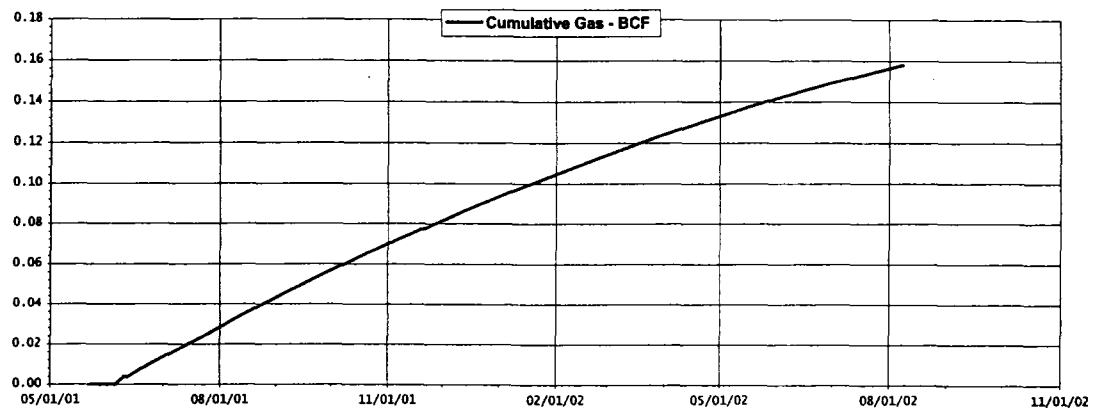
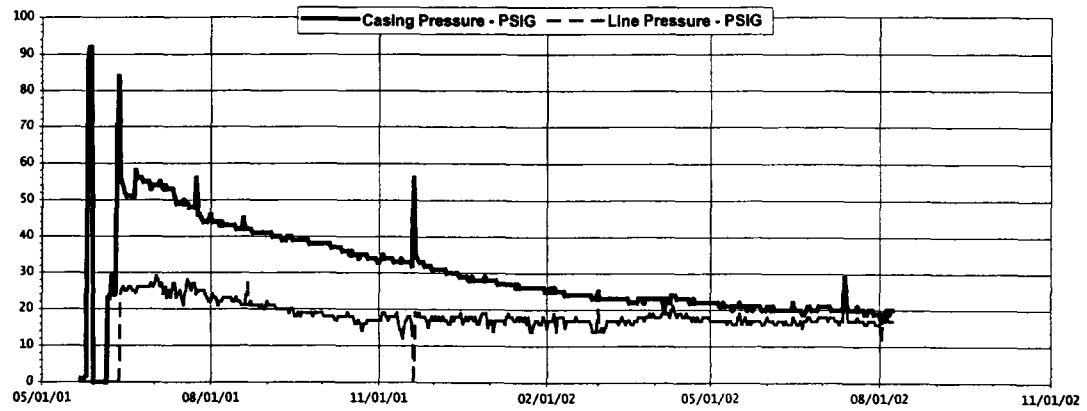
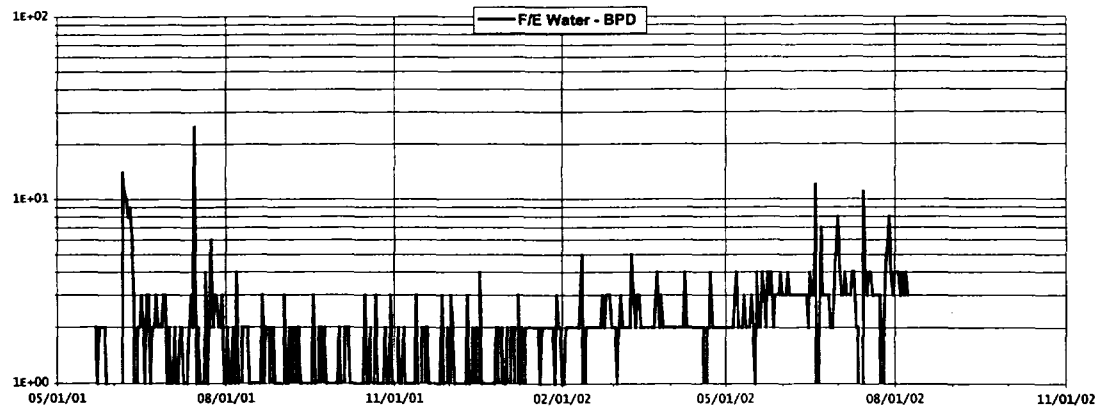
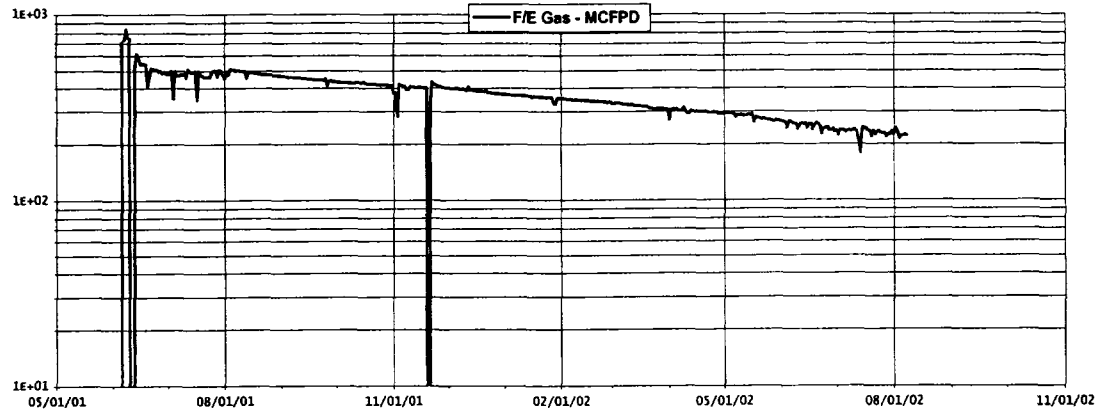
901 WI .68581635
 902 NRI .54865312
 904 PRODUCING

Britt #5
Eumont (Y-7R-Q) Gas
K-07-20S-37E
Doyle Hartman



08/08/02 0.158 BCF 0.0 MBO 0.4 MBW

Britt #5
Eumont (Y-7R-Q) Gas
K-07-20S-37E
Doyle Hartman



08/08/02: 0.158 BCF 0.0 MBO 1.0 MBW

BRITT #11
LEA COUNTY, NM
EUMONT YATES 7 RIVERS QN (GAS)
DOYLE HARTMAN

DATE: 08/12/02
TIME: 08:07:39
FILE: DRMON5
GET#: 24

R E S E R V E S A N D E C O N O M I C S

CUM GAS 86,489 MCF
CUM OIL 0 STB

AS OF JULY 1, 2002

G-7 -20S-37E
LEASE # 6556

-END- MO-YR	---GROSS PRODUCTION---		---NET PRODUCTION---		---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	7.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12- 2	.000	45.535	.000	24.983	18.00	2.50	62.458	5.371	2.066	.000	55.021	54.101
12- 3	.000	75.346	.000	41.339	18.59	2.58	106.448	9.155	4.173	.000	93.120	141.146
12- 4	.000	62.919	.000	34.521	19.21	2.65	91.558	7.874	4.214	.000	79.470	210.571
12- 5	.000	55.151	.000	30.259	19.84	2.73	82.662	7.109	4.257	.000	71.296	268.781
12- 6	.000	49.703	.000	27.270	20.50	2.81	76.732	6.599	4.299	.000	65.834	319.015
12- 7	.000	45.606	.000	25.022	21.17	2.90	72.518	6.237	4.342	.000	61.939	363.185
12- 8	.000	42.382	.000	23.253	21.87	2.99	69.413	5.970	4.386	.000	59.057	402.545
12- 9	.000	39.758	.000	21.813	22.59	3.07	67.068	5.768	4.429	.000	56.871	437.968
12-10	.000	37.569	.000	20.612	23.34	3.17	65.277	5.614	4.474	.000	55.189	470.095
12-11	.000	35.666	.000	19.568	24.11	3.26	63.830	5.489	4.518	.000	53.823	499.377
12-12	.000	33.882	.000	18.589	24.90	3.36	62.455	5.371	4.564	.000	52.520	526.081
12-13	.000	32.188	.000	17.660	25.73	3.46	61.114	5.256	4.609	.000	51.249	550.434
12-14	.000	30.579	.000	16.777	26.58	3.56	59.800	5.143	4.655	.000	50.002	572.640
12-15	.000	29.051	.000	15.939	27.45	3.67	58.517	5.032	4.702	.000	48.783	592.887
12-16	.000	27.597	.000	15.141	28.36	3.78	57.255	4.924	4.749	.000	47.582	611.344
12-17	.000	26.218	.000	14.385	29.29	3.89	56.028	4.818	4.796	.000	46.414	628.170
12-18	.000	24.907	.000	13.665	30.26	4.01	54.821	4.715	4.844	.000	45.262	643.505
12-19	.000	23.661	.000	12.982	31.26	4.13	53.643	4.613	4.893	.000	44.137	657.480
12-20	.000	22.478	.000	12.333	32.29	4.26	52.490	4.514	4.942	.000	43.034	670.215
12-21	.000	21.355	.000	11.716	33.36	4.38	51.360	4.417	4.991	.000	41.952	681.817
12-22	.000	20.287	.000	11.131	34.46	4.52	50.260	4.322	5.041	.000	40.897	692.388
12-23	.000	19.272	.000	10.574	35.59	4.65	49.177	4.229	5.091	.000	39.857	702.016
12-24	.000	18.309	.000	10.045	36.77	4.79	48.118	4.138	5.142	.000	38.838	710.784
12-25	.000	17.393	.000	9.543	37.98	4.93	47.085	4.049	5.194	.000	37.842	718.768
12-26	.000	16.524	.000	9.066	39.24	5.08	46.073	3.962	5.246	.000	36.865	726.037
12-27	.000	15.697	.000	8.612	40.53	5.23	45.079	3.877	5.298	.000	35.904	732.654
12-28	.000	14.913	.000	8.182	41.87	5.39	44.113	3.794	5.351	.000	34.968	738.676
12-29	.000	14.167	.000	7.773	43.25	5.55	43.165	3.712	5.405	.000	34.048	744.156
12-30	.000	13.458	.000	7.384	44.68	5.72	42.235	3.632	5.459	.000	33.144	749.142
12-31	.000	12.786	.000	7.015	46.15	5.89	41.328	3.554	5.513	.000	32.261	753.678
12-32	.000	12.146	.000	6.664	47.67	6.07	40.438	3.478	5.568	.000	31.392	757.803
12-33	.000	11.540	.000	6.331	49.25	6.25	39.570	3.403	5.624	.000	30.543	761.554
12-34	.000	10.962	.000	6.014	50.87	6.44	38.716	3.330	5.680	.000	29.706	764.963
12-35	.000	10.414	.000	5.714	52.55	6.63	37.889	3.258	5.737	.000	28.894	768.062
12-36	.000	9.893	.000	5.428	54.29	6.83	37.072	3.188	5.795	.000	28.089	770.878
12-37	.000	9.399	.000	5.157	56.08	7.03	36.278	3.120	5.852	.000	27.306	773.436
12-38	.000	8.928	.000	4.898	57.93	7.25	35.489	3.052	5.911	.000	26.526	775.758
12-39	.000	8.483	.000	4.654	59.84	7.46	34.733	2.987	5.970	.000	25.776	777.867
12-40	.000	8.058	.000	4.421	61.81	7.69	33.984	2.923	6.030	.000	25.031	779.781
6-61	.000	99.567	.000	54.628	89.25	10.72	585.833	50.382	137.700	.000	397.751	795.688
S TOT	.000	1113.747	.000	611.061	.00	4.42	2702.082	232.379	331.510	.000	2138.193	795.688
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	795.688
TOTAL	.000	1113.747	.000	611.061	.00	4.42	2702.082	232.379	331.510	.000	2138.193	795.688
CUM.	.000	86.489										
ULT.	.000	1200.236										
-----PRESENT WORTH PROFILE-----												
NET OIL REVENUES (M\$)							.000					
NET GAS REVENUES (M\$)							2702.082	DISC	PW OF NET	DISC	PW OF NET	
TOTAL REVENUES (M\$)							2702.082	RATE	BTAX, M\$	RATE	BTAX, M\$	
BTAX RATE OF RETURN (PCT)							100.00					
BTAX PAYOUT YEARS							.00					
BTAX PAYOUT YEARS (DISC)							.00					
BTAX NET INCOME/INVEST							.00					
BTAX NET INCOME/INVEST (DISC)							.00					
PROJECT LIFE (YEARS)							58.985	.0	2138.193	30.0	291.489	
DISCOUNT RATE (PCT)							7.000	2.0	1464.203	35.0	261.823	
GROSS OIL WELLS							.000	5.0	972.850	40.0	238.794	
GROSS GAS WELLS							1.000	8.0	730.453	45.0	220.352	
GROSS WELLS							1.000	10.0	629.695	50.0	205.216	
								12.0	555.671	60.0	181.778	
INITIAL NET OIL FRACTION							.000000	15.0	475.416	70.0	164.396	
FINAL NET OIL FRACTION							.000000	18.0	417.984	80.0	150.937	
INITIAL NET GAS FRACTION							.548653	20.0	387.938	90.0	140.177	
FINAL NET GAS FRACTION							.548653	25.0	331.318	100.0	131.350	

WI .68581635
NRI .54865312
PRODUCING

OGRE(R) V1.41 BTAX
 FILE NAME: DMMON5 (24)
 CASE NAME: NMEUMONT YATES 7 RIVERS QN (GAS) BRITT #11
 CMD NAME: STDK0739(300)

D A T A R E P O R T

DATE: 08/12/02
 TIME: 08:07:39

7 G 20S 37E ACT025

101 BRITT #11
 102 LEA COUNTY, NM
 103 EUMONT YATES 7 RIVERS QN (GAS)
 104 DOYLE HARTMAN
 105 G-7 -20S-37E
 106 LEASE # 6556
 107 CUM GAS 86,489 MCF
 108 CUM OIL 0 STB

117 CASE \$COM1

* 120 7 2002 12 7 1 2002 7 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	.68581635	.00	502.00	.000	GAS	7/ 1/ 2	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
221	OIL	.000	.00000000	18.000	8.600	.0	
222	GAS	86.489	.54865312	3.000	8.600	1.0	
400	OIL 100.00	10.000	1.0 X	5.000 % D			
401	OIL EXP LAST	LAST EL X X D					

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
405	GAS	200.000	30.957	270.800	X	5.000 %	D	
CALC	GAS	200.000END=	5.000	270.800	100.767	8.398 YRS	D	536.720 MMCF
406	GAS	EXP	LAST	LAST	EL	X X	D	
CALC	GAS	EXP	END=	5.000	100.767	58.985 YRS	D	1200.236 MMCF

600 CASE \$COM2

* 600 CASE \$COM2

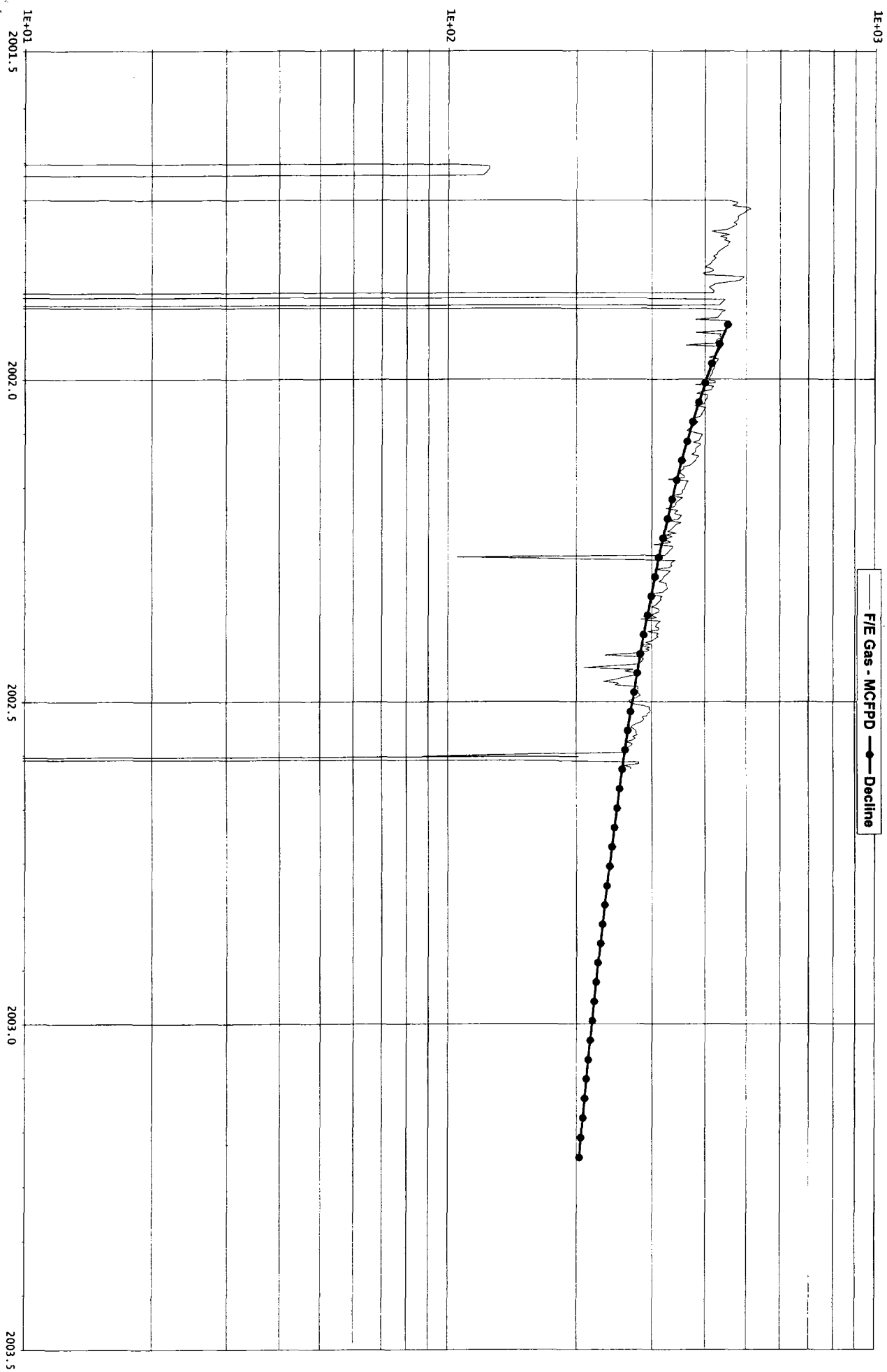
600 SERIES LINES:

* 606 DATA OILP : 18 TO LIFE
 * 607 DATA GASP : 2.50 TO LIFE
 * 615 DATA OPCOST : ESC 1.0 % TO LIFE
 * 620 DATA OILP : ESC 3.3 % TO LIFE
 * 630 DATA GASP : ESC 3 % TO LIFE

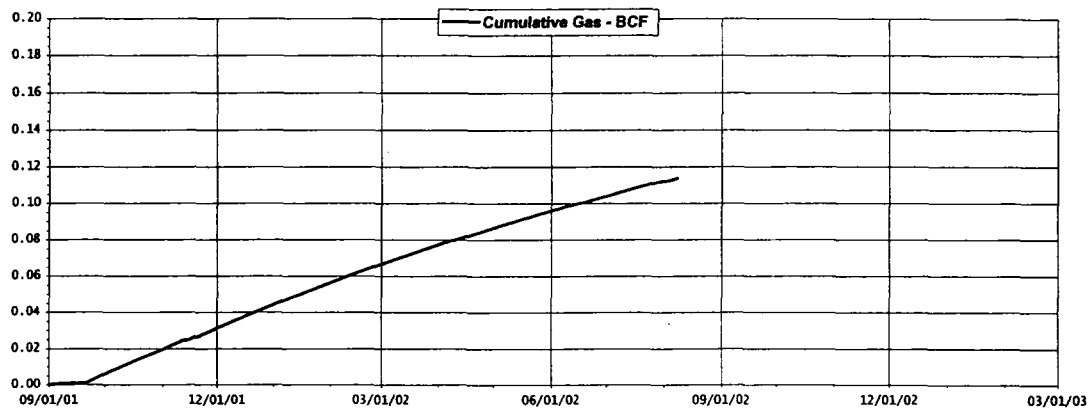
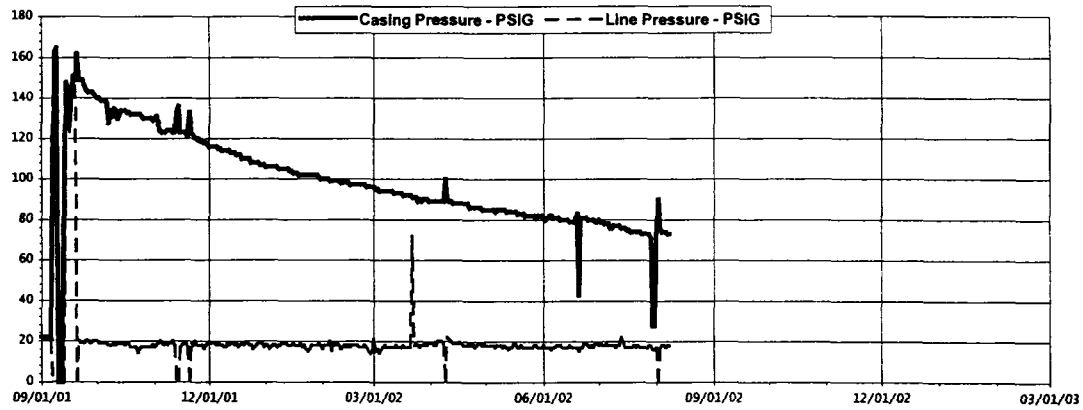
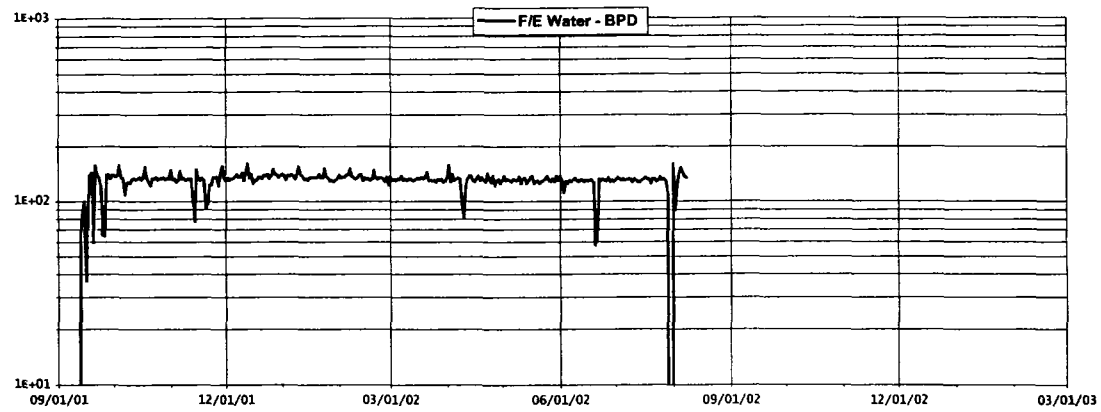
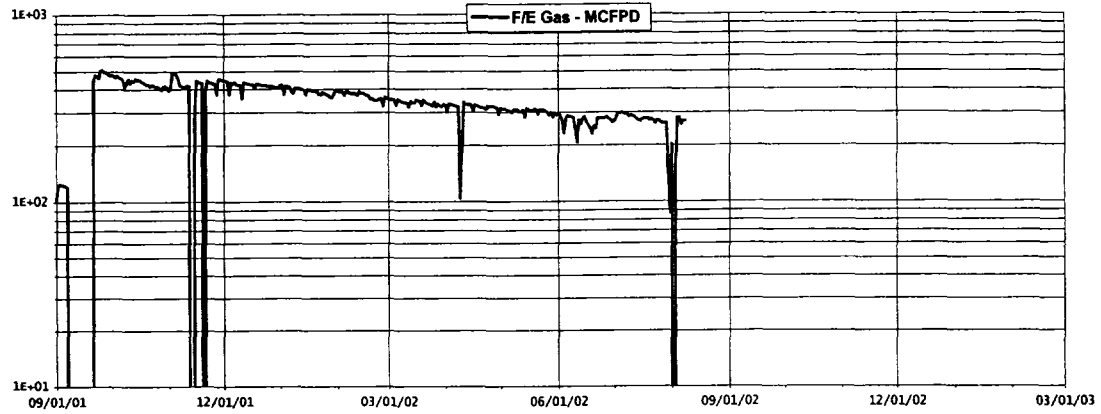
FOOTNOTES:

901 WI .68581635
 902 NRI .54865312
 904 PRODUCING

Britt #11
Eumont (Y-7R-Q) Gas
G-07-20S-37E
Doyle Hartman



Britt #11
Eumont (Y-7R-Q) Gas
G-07-20S-37E
Doyle Hartman



08/08/02: 0.114 BCF 0.0 MBO 42.8 MBW

BRITT #14
LEA COUNTY, NM
EUMONT YATES 7 RIVERS QN (GAS)
DOYLE HARTMAN

DATE: 08/12/02
TIME: 08:10:37
FILE: DHMON5
GET#: 27

R E S E R V E S A N D E C O N O M I C S

CUM GAS 221,984 MCF
CUM OIL 0 STB

AS OF JULY 1, 2002

J-7 -20S-37E
LEASE # 7358

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	7.00 PCT CUM. DISC BTAX, M\$
	OIL,	MBBL	GAS,	MMCF	OIL,	MBBL	GAS,	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12- 2	.000		51.471		.000		30.633	18.00	2.50		76.583	6.586	11.056	.000	58.941	57.955
12- 3	.000		89.745		.000		53.412	18.59	2.58		137.536	11.828	22.334	.000	103.374	154.585
12- 4	.000		77.218		.000		45.956	19.21	2.65		121.887	10.482	22.557	.000	88.848	232.203
12- 5	.000		68.318		.000		40.659	19.84	2.73		111.073	9.552	22.783	.000	78.738	296.489
12- 6	.000		61.610		.000		36.667	20.50	2.81		103.173	8.873	23.011	.000	71.289	350.885
12- 7	.000		56.340		.000		33.531	21.17	2.90		97.179	8.357	23.241	.000	65.581	397.652
12- 8	.000		52.069		.000		30.989	21.87	2.99		92.506	7.956	23.473	.000	61.077	438.358
12- 9	.000		48.527		.000		28.881	22.59	3.07		88.800	7.637	23.708	.000	57.455	474.145
12-10	.000		45.531		.000		27.098	23.34	3.17		85.817	7.380	23.945	.000	54.492	505.866
12-11	.000		42.960		.000		25.568	24.11	3.26		83.401	7.172	24.184	.000	52.045	534.180
12-12	.000		40.719		.000		24.234	24.90	3.36		81.421	7.002	24.426	.000	49.993	559.599
12-13	.000		38.680		.000		23.020	25.73	3.46		79.663	6.851	24.671	.000	48.141	582.475
12-14	.000		36.746		.000		21.869	26.58	3.56		77.950	6.704	24.917	.000	46.329	603.050
12-15	.000		34.909		.000		20.776	27.45	3.67		76.276	6.560	25.166	.000	44.550	621.540
12-16	.000		33.163		.000		19.737	28.36	3.78		74.635	6.419	25.418	.000	42.798	638.141
12-17	.000		31.505		.000		18.750	29.29	3.89		73.030	6.281	25.672	.000	41.077	653.032
12-18	.000		29.930		.000		17.813	30.26	4.01		71.462	6.146	25.929	.000	39.387	666.376
12-19	.000		28.434		.000		16.922	31.26	4.13		69.924	6.013	26.188	.000	37.723	678.320
12-20	.000		27.011		.000		16.076	32.29	4.26		68.421	5.884	26.450	.000	36.087	688.999
12-21	.000		25.661		.000		15.272	33.36	4.38		66.949	5.758	26.715	.000	34.476	698.534
12-22	.000		24.378		.000		14.509	34.46	4.52		65.512	5.634	26.982	.000	32.896	707.037
12-23	.000		23.160		.000		13.784	35.59	4.65		64.106	5.513	27.252	.000	31.341	714.608
12-24	.000		22.001		.000		13.094	36.77	4.79		62.724	5.394	27.524	.000	29.806	721.337
12-25	.000		20.901		.000		12.439	37.98	4.93		61.374	5.278	27.799	.000	28.297	727.307
12-26	.000		19.856		.000		11.817	39.24	5.08		60.054	5.165	28.077	.000	26.812	732.594
12-27	.000		18.863		.000		11.226	40.53	5.23		58.762	5.054	28.358	.000	25.350	737.266
12-28	.000		17.920		.000		10.665	41.87	5.39		57.500	4.945	28.642	.000	23.913	741.384
12-29	.000		17.025		.000		10.132	43.25	5.55		56.265	4.839	28.928	.000	22.498	745.005
12-30	.000		16.172		.000		9.625	44.68	5.72		55.053	4.735	29.217	.000	21.101	748.179
12-31	.000		15.365		.000		9.144	46.15	5.89		53.871	4.633	29.510	.000	19.728	750.953
12-32	.000		14.596		.000		8.687	47.67	6.07		52.714	4.533	29.805	.000	18.376	753.367
12-33	.000		13.151		.000		7.827	49.25	6.25		48.920	4.207	28.512	.000	16.201	755.360
S TOT	.000		1143.935		.000		680.812	.00	3.58		2434.541	209.371	816.450	.000	1408.720	755.360
REM.	.000		.000		.000		.000	.00	.00		.000	.000	.000	.000	.000	755.360
TOTAL	.000		1143.935		.000		680.812	.00	3.58		2434.541	209.371	816.450	.000	1408.720	755.360
CUM.	.000		221.984				NET OIL REVENUES (M\$)				.000	-----PRESENT WORTH PROFILE-----				
ULT.	.000		1365.919				NET GAS REVENUES (M\$)				2434.541	DISC	PW OF NET	DISC	PW OF NET	
							TOTAL REVENUES (M\$)				2434.541	RATE	BTAX, M\$	RATE	BTAX, M\$	
BTAX RATE OF RETURN (PCT)					100.00		PROJECT LIFE (YEARS)				31.447	.0	1408.720	30.0	313.806	
BTAX PAYOUT YEARS					.00		DISCOUNT RATE (PCT)				7.000	2.0	1139.176	35.0	283.179	
BTAX PAYOUT YEARS (DISC)					.00		GROSS OIL WELLS				.000	5.0	874.617	40.0	259.114	
BTAX NET INCOME/INVEST					.00		GROSS GAS WELLS				1.000	8.0	707.159	45.0	239.663	
BTAX NET INCOME/INVEST (DISC)					.00		GROSS WELLS				1.000	10.0	627.619	50.0	223.582	
												12.0	565.036	60.0	198.480	
INITIAL W.I. FRACTION			.743936				INITIAL NET OIL FRACTION				.000000	15.0	493.162	70.0	179.712	
FINAL W.I. FRACTION			.743936				FINAL NET OIL FRACTION				.000000	18.0	439.236	80.0	165.101	
PRODUCTION START DATE			7- 1- 2				INITIAL NET GAS FRACTION				.595149	20.0	410.241	90.0	153.370	
MONTHS IN FIRST LINE			6.00				FINAL NET GAS FRACTION				.595149	25.0	354.226	100.0	143.725	

WI .74393639
NRI .59514915
PRODUCING

OGRE(R) V1.41 BTAX

D A T A R E P O R T

DATE: 08/12/02

FILE NAME: DEMON5 (27)

TIME: 08:10:37

CASE NAME: NMEUMONT YATES 7 RIVERS QN (GAS) BRITT #14

7 J 20S 37E ACT025

CMD NAME: STDO1037(300)

101 BRITT #14
102 LEA COUNTY, NM
103 EUMONT YATES 7 RIVERS QN (GAS)
104 DOYLE HARTMAN
105 J-7 -20S-37E
106 LEASE # 7358
107 CUM GAS 221,984 MCF
108 CUM OIL 0 STB

117 CASE \$COM1

* 120 7 2002 12 7 1 2002 7 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	.74393639	.00	2477.00	.000	GAS	7/ 1/ 2
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS
221	OIL	.000	.00000000	18.000	8.600	.0
222	GAS	221.984	.59514915	3.000	8.600	1.0
400	!OIL 100.00	10.000	1.0 X	5.000 % M		
401	!OIL EXP LAST	LAST EL X X M				

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
405	GAS	150.000	20.017	9041.000	X	5.000 %	M	
CALC	GAS	150.000END=	5.000	9041.000	3390.458	10.012 YRS	M	836.899 MMCF
406	GAS	EXP	LAST	LAST	EL	X X	M	
CALC	GAS	EXP	END=	5.000	3390.458	31.447 YRS	M	1365.919 MMCF

600 CASE \$COM2

* 600 CASE \$COM2

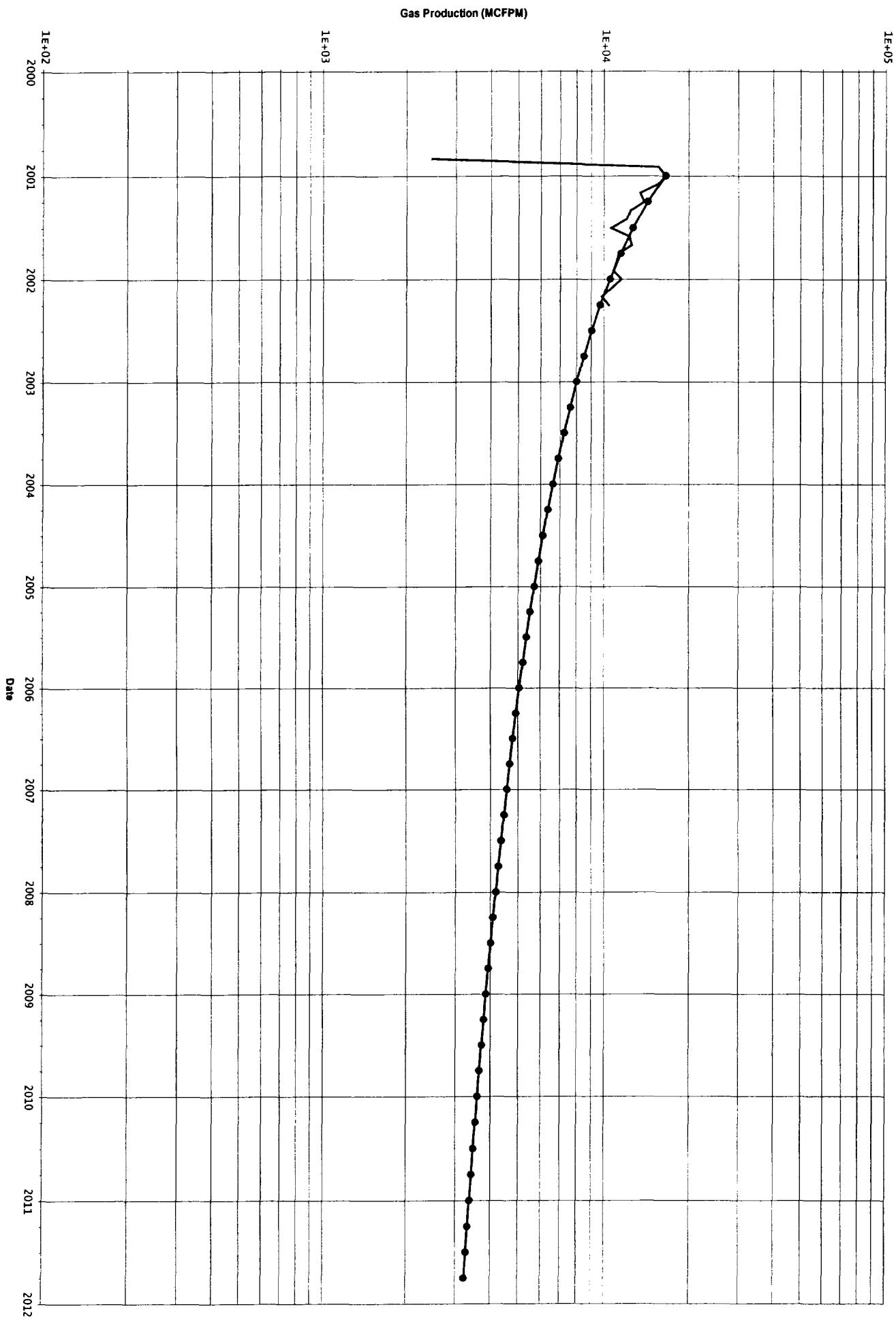
600 SERIES LINES:

* 606 DATA OILP : 18 TO LIFE
* 607 DATA GASP : 2.50 TO LIFE
* 615 DATA OPCOST : ESC 1.0 % TO LIFE
* 620 DATA OILP : ESC 3.3 % TO LIFE
* 630 DATA GASP : ESC 3 % TO LIFE

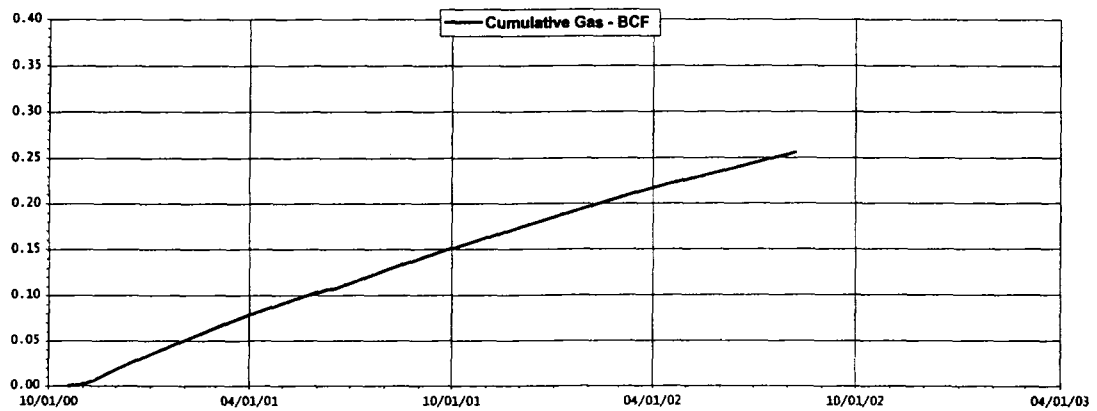
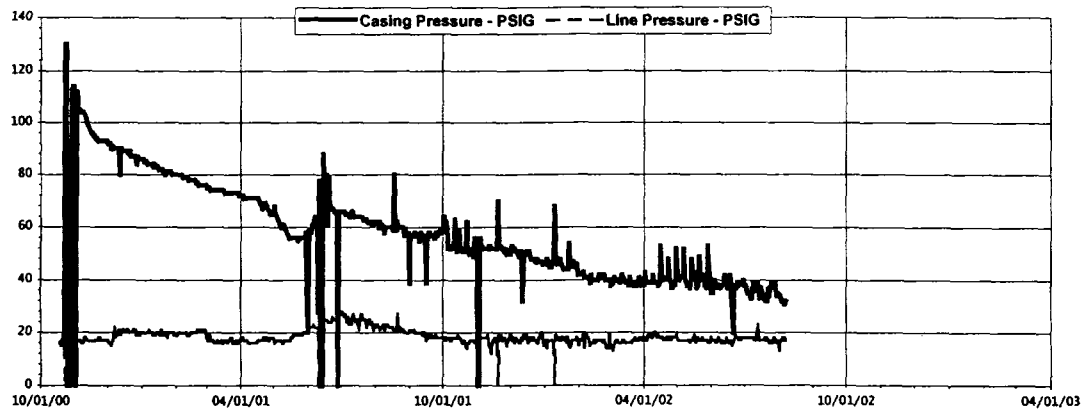
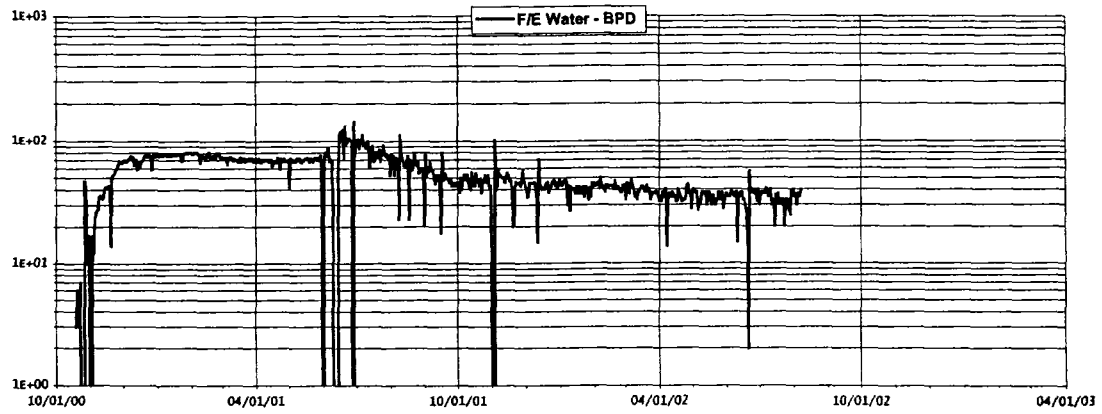
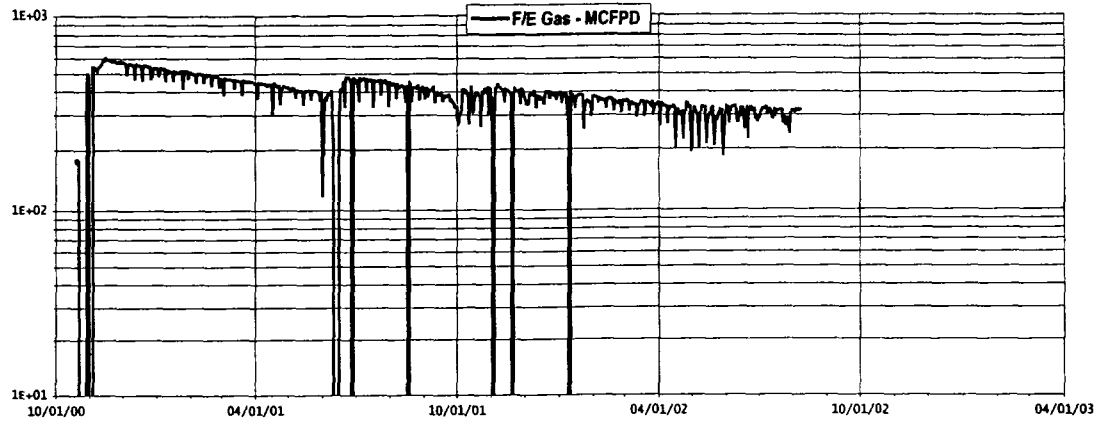
FOOTNOTES:

901 WI .74393639
902 NRI .59514915
904 PRODUCING

Britt #14
Eumont (Yates/Seven Rivers/Queen)
J-07-20S-37E
Doyle Hartman



Britt #14
Eumont (Y-7R-Q) Gas
J-07-20S-37E
Doyle Hartman



Sec 7 Township No. 20 South of Range No. 37 East

NSL Covered By R-5448 Standard	Britt #1 330' FNL - 1980' FNL Britt #2 (Proposed) 660' FNL - 1980' FNL	Britt #4 660' FNL - 1980' FEL Standard	
	Britt #1 1980' FNL Standard covered By SD 99-9	(Proposed) Britt #11 1650' FNL Britt #3 2310' FNL 1650' FEL	Unorthodox NSL Covered By R-5448
	Britt #5 1980' FNL Standard	Britt #14 1400' FNL - 2310' FEL Unorthodox 3(A)(2)(6) and (c)	

H. M. Britt Well No. 2

30-025-05940

660' FNL-1980' FNL (C) - Standard gas well location

Spud: 2-5-36 Evince Monument 66/SP oil completion

TD: 3847'

recompleted as a replacement Evince producer for the B. H. No. 12 well (also in Unit C) in Sept. 2001.

H. M. Britt Well No. 4

30-025-05992

660' FNL-1980' FNL (B) Standard in fill gas well location

Spud: 5-29-36 TD: 3877' Initially, a Evince-Monument oil well according to a Sept. 2001 Sunday Notice

"Wellbore has been repaired, and returned to beneficial use, after being shut-in and abandoned, for 29 yrs."

H. M. Britt Well No. 5

30-025-05993

1980' FSWL (K) Standard in fill gas well location

Spud: 11-14-36 TD: 3857'

initially completed as an Evince-Monument 66/SP oil well according to a Sept. 2001 Sunday Notice

"Retained Evince interval to active producing status, at 11:00 PM (5-31-01)"

H. M. Britt Well No. 11

30-025-05948

1650' FNEWL (G) UNORTHODOK location

Spud: 4-25-54 TD: 5710

Initially, a Monument-Bliniby Pool oil completion

Grayburg zone - perforated in 1977 Zone test Well TD'd since 7-6-77 3492' - 3480'

according to Sept. 2001 Sunday Notice

Evince completion w/ perforations 3081' - 3281' and the "wellbore has been tested and returned to beneficial use."

Britt Well No. 14

30-025-35152

1400' FSL - 2310' FSL (J) JNORTHDOCK location.

Spud: 9-27-2000 by Hustman as a Ernest Gas Well

No DSL and/or SD Appl. Ever submitted

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

October 10, 1954

**Anderson-Prichard Oil Corporation
District II Field Office
107 West Sanger Street
ROCHESTER NEW MEXICO**

Attention: Mr. E. L. Melton, District Engineer

Gentlemen:

Administrative Order MSP-11

Reference is made to your application (received September 10, 1954) for approval of a 320-acre non-standard gas proration unit consisting of the following acreage:

**W/2 E/2 and E/2 W/2 of Section 7,
Township 20 South, Range 37 East,
NMPL, Lea County, New Mexico;**

said unit to be ascribed to your H. M. Britt Well No. 3, located 2310 feet from the north line and 1650 feet from the east line of Section 7, Township 20 South, Range 37 East.

By authority granted me under provisions of Rule 5, Section (b)-6 of the Special Rules and Regulations for the Esmont Gas Pool as set forth in Order R-520, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with pool rules.

Very truly yours,

**W. B. Macey
Secretary-Director**

WBM:mr

**cc: Oil Conservation Commission:
Hobbs**

**N. M. Oil & Gas Eng. Committee:
Hobbs**

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION08/30/02 08:00:03
OGOMES -TPOB
PAGE NO: 1

Sec : 07 Twp : 20S Rng : 37E Section Type : NORMAL

1	C	B	A
39.16	40.00	40.00	40.00
Fee owned	Federal owned	Federal owned	Fee owned
A A A	A A	A A	A A A
2	F	G	H
39.22	40.00	40.00	40.00
Fee owned	Federal owned	Federal owned	Fee owned
	A A	A A	A A A

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/29/02 17:26:41
OGOMES -TPV1
PAGE NO: 2

Sec : 07 Twp : 20S Rng : 37E Section Type : NORMAL

3	K	J	I
39.26	40.00	40.00	40.00
Fee owned	Federal owned	Federal owned	Fee owned
A A	A A	A A C A	A A
4	N	O	P
39.32	40.00	40.00	40.00
Fee owned	Federal owned	Federal owned	Fee owned
A	A	A	A A

M0001: This is the last page

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/29/02 17:22:05
OGOMES -TPV1

Conrad By
AL-5448
and 80-99-9

API Well No : 30 25 5999 Eff Date : 07-01-1996 WC Status : A
Pool Idn : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
OGRID Idn : 6473 DOYLE HARTMAN
Prop Idn : 19147 BRITT

Well No : 012
GL Elevation: 99999

U/H Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : C 7 20S 37E FTG 330 F N FTG 2281 F W A
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/29/02 17:22:10
OGOMES -TPV1
Page No : 1

API Well No : 30 25 5999 Eff Date : 04-30-1991
Pool Idn : 76480 EUMONT,YATES-7 RVRs-QUEEN (PRO GAS)
Prop Idn : 19147 BRITT
Spacing Unit : 37678 OCD Order :
Sect/Twp/Rng : 7 20S 37E Acreage : 320.00 Well No : 012
Dedicated Land: Simultaneous Dedication:
Revised C102? (Y/N) :

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
B	7	20S	37E	40.00	N	FD			
C	7	20S	37E	40.00	N	FD			
F	7	20S	37E	40.00	N	FD			
G	7	20S	37E	40.00	N	FD			
J	7	20S	37E	40.00	N	FD			
K	7	20S	37E	40.00	N	FD			
N	7	20S	37E	40.00	N	FD			
O	7	20S	37E	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :

ONGARD

08/29/02 17:22:24

OG6IPRD

INQUIRE PRODUCTION BY POOL/WELL

OGOMES -TPV1

Page No: 1

OGRID Identifier : 6473 DOYLE HARTMAN

Pool Identifier : 76480 EUMONT,YATES-7 RYRS-QUEEN (PRO GAS)

API Well No : 30 25 5999 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5999 BRITT		01 00 31	3394	1349 P
30 25 5999 BRITT		02 00 27	1543	986 P
30 25 5999 BRITT		03 00 31	2784	1478 P
30 25 5999 BRITT		04 00 30	2657	1326 P
30 25 5999 BRITT		05 00 30	1752	1288 P
30 25 5999 BRITT		06 00 30	2374	1376 P
30 25 5999 BRITT		07 00 31	2317	1330 P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:22:27
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 2

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
 API Well No : 30 25 5999 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5999 BRITT		08 00 31	2209	1332 P
30 25 5999 BRITT		09 00 27	1352	1194 P
30 25 5999 BRITT		10 00 30	722	1455 P
30 25 5999 BRITT		11 00 30	902	1419 P
30 25 5999 BRITT		12 00 26	82	1612 P
30 25 5999 BRITT		01 01 31	607	1586 P
30 25 5999 BRITT		02 01 28	890	1312 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:22:28
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 3

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT,YATES-7 RYRS-QUEEN (PRO GAS)
 API Well No : 30 25 5999 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5999 BRITT		03 01 31	1393	1394 P
30 25 5999 BRITT		04 01 30	763	833 P
30 25 5999 BRITT		05 01 19	398	1002 P
30 25 5999 BRITT		06 01 22	792	1345 P
30 25 5999 BRITT		07 01		T
30 25 5999 BRITT		08 01		T
30 25 5999 BRITT		09 01		T

Reporting Period Total (Gas, Oil) : -----

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

08/29/02 17:22:29
OGOMES -TPV1
Page No: 4

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RVRs-QUEEN (PRO GAS)
API Well No : 30 25 5999 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5999 BRITT		10 01		T
30 25 5999 BRITT		11 01	7657	503 P
30 25 5999 BRITT		12 01	8818	264 P
30 25 5999 BRITT		01 02	5855	149 P
30 25 5999 BRITT		02 02	4405	81 P
30 25 5999 BRITT		03 02	4140	70 P
30 25 5999 BRITT		04 02	3410	53 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
08/29/02 17:22:31
OGOMES -TPV1
Page No: 5

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RYRS-QUEEN (PRO GAS)
API Well No : 30 25 5999 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25	5999 BRITT	05 02 31	3234	53 P
30 25	5999 BRITT	06 02 30	2858	37 P

Reporting Period Total (Gas, Oil) : 67308 24827

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/29/02 17:23:35
OGOMES -TPV1

Conrad
AL-5448

6nd SD-99-3

API Well No : 30 25 5991 Eff Date : 07-01-1996 WC Status : A
Pool Idn : 76480 EUMONT,YATES-7 RVRs-QUEEN (PRO GAS)
OGRID Idn : 6473 DOYLE HARTMAN
Prop Idn : 19147 BRITT

Well No : 003
GL Elevation: 3568

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : G 7 20S 37E FTG 2310 F N FTG 1650 F E A
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/29/02 17:23:38
OGOMES -TPV1
Page No : 1

API Well No : 30 25 5991 Eff Date : 04-30-1991
Pool Idn : 76480 EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)
Prop Idn : 19147 BRITT
Spacing Unit : 37678 OCD Order :
Sect/Twp/Rng : 7 20S 37E Acreage : 320.00 Well No : 003
Dedicated Land: Simultaneous Dedication:
Revised C102? (Y/N) :

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
B	7	7	20S	37E	40.00	N	FD		
C	7	7	20S	37E	40.00	N	FD		
F	7	7	20S	37E	40.00	N	FD		
G	7	7	20S	37E	40.00	N	FD		
J	7	7	20S	37E	40.00	N	FD		
K	7	7	20S	37E	40.00	N	FD		
N	7	7	20S	37E	40.00	N	FD		
O	7	7	20S	37E	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF PF06 CONFIRM

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL
08/29/02 17:23:48
OGOMES -TPV1
Page No: 1

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 5991 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5991 BRITT		01 00 31	3345	320 P
30 25 5991 BRITT		02 00 29	3013	305 P
30 25 5991 BRITT		03 00 31	3357	317 P
30 25 5991 BRITT		04 00 30	3223	290 P
30 25 5991 BRITT		05 00 31	3269	281 P
30 25 5991 BRITT		06 00 30	2954	290 P
30 25 5991 BRITT		07 00 30	2410	263 P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL
08/29/02 17:23:51
OGOMES -TPV1
Page No: 2

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 5991 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5991 BRITT		08 00 31	2896	318 P
30 25 5991 BRITT		09 00 30	3170	328 P
30 25 5991 BRITT		10 00 31	3121	353 P
30 25 5991 BRITT		11 00 30	2898	322 P
30 25 5991 BRITT		12 00 31	2839	331 P
30 25 5991 BRITT		01 01 31	2648	326 P
30 25 5991 BRITT		02 01 28	2330	305 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
 OG6IPRD
 INQUIRE PRODUCTION BY POOL/WELL
 08/29/02 17:23:52
 OGOMES -TPV1
 Page No: 3

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT,YATES-7 RVRs-QUEEN (PRO GAS)
 API Well No : 30 25 5991 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY	Prod	Gas	Oil	Water	Well Stat
30 25	5991 BRITT	03 01	31	2514		338	P
30 25	5991 BRITT	04 01	30	2953		293	P
30 25	5991 BRITT	05 01	31	2081		309	P
30 25	5991 BRITT	06 01	30	1567		286	P
30 25	5991 BRITT	07 01	31	2222		400	P
30 25	5991 BRITT	08 01	31	1759		346	P
30 25	5991 BRITT	09 01	30	1954		362	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD
INGUIRE PRODUCTION BY POOL/WELL

08/29/02 17:23:52
OGOMES -TPV1
Page No: 4

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 5991 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5991 BRITT		10 01 31	2050	369 P
30 25 5991 BRITT		11 01 30	2068	350 P
30 25 5991 BRITT		12 01 31	2013	359 P
30 25 5991 BRITT		01 02 31	1865	368 P
30 25 5991 BRITT		02 02 28	1538	320 P
30 25 5991 BRITT		03 02 31	1576	366 P
30 25 5991 BRITT		04 02 30	1294	340 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:23:53
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 5

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
 API Well No : 30 25 5991 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25	5991 BRITT	05 02 31	1281	357 P
30 25	5991 BRITT	06 02 30	1080	331 P

Reporting Period Total (Gas, Oil) : 71288 9843

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IWCN

ONGARD
INQUIRE WELL COMPLETIONS

08/29/02 17:22:57
OGOMES -TPV1

Conrad By

SD-44.9

API Well No : 30 25 5972 Eff Date : 06-21-1999 WC Status : A
Pool Idn : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
OGRID Idn : 6473 DOYLE HARTMAN
Prop Idn : 19147 BRITT
Well No : 001
GL Elevation: 3554

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : F 7 20S 37E FTG 1980 F N FTG 1980 F W A
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/29/02 17:23:03
OGOMES -TPV1
Page No : 1

API Well No : 30 25 5972 Eff Date : 06-21-1999
Pool Idn : 76480 EUMONT,YATES-7 RVRs-QUEEN (PRO GAS)
Prop Idn : 19147 BRITT
Spacing Unit : 52127 OCD Order : R 5448 Well No : 001
Sect/Twp/Rng : 7 20S 37E Acreage : 320.00 Simultaneous Dedication:
Dedicated Land: Revised C102? (Y/N) :

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
B	7	7	20S	37E	40.00	N	FD		
C	7	7	20S	37E	40.00	N	FD		
F	7	7	20S	37E	40.00	N	FD		
G	7	7	20S	37E	40.00	N	FD		
J	7	7	20S	37E	40.00	N	FD		
K	7	7	20S	37E	40.00	N	FD		
N	7	7	20S	37E	40.00	N	FD		
O	7	7	20S	37E	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/29/02 17:23:14
OGOMES -TPV1
Page No: 1

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RYRS-QUEEN (PRO GAS)
API Well No : 30 25 5972 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 25	5972 BRITT	01 00 31	13657 149 931	P
30 25	5972 BRITT	02 00 29	11490 93 596	P
30 25	5972 BRITT	03 00 31	12401 106 608	P
30 25	5972 BRITT	04 00 30	11462 97 710	P
30 25	5972 BRITT	05 00 31	11136 97 601	P
30 25	5972 BRITT	06 00 30	10556 86 602	P
30 25	5972 BRITT	07 00 31	10502 97 662	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL
08/29/02 17:23:17
OGOMES -TPV1
Page No: 2

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 5972 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5972 BRITT		08 00 31	10333	80 568 P
30 25 5972 BRITT		09 00 30	9741	73 571 P
30 25 5972 BRITT		10 00 31	9612	45 580 P
30 25 5972 BRITT		11 00 30	8893	64 519 P
30 25 5972 BRITT		12 00 31	8956	61 489 P
30 25 5972 BRITT		01 01 31	8770	68 509 P
30 25 5972 BRITT		02 01 28	8072	65 468 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
 OG6IPRD
 INQUIRE PRODUCTION BY POOL/WELL

08/29/02 17:23:18
 OGOMES -TPV1
 Page No: 3

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
 API Well No : 30 25 5972 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 25 5972 BRITT		03 01 31	8630 44 475	P
30 25 5972 BRITT		04 01 30	8428 75 500	P
30 25 5972 BRITT		05 01 31	8736 47 445	P
30 25 5972 BRITT		06 01 30	8111 151 519	P
30 25 5972 BRITT		07 01 31	16992 61 654	P
30 25 5972 BRITT		08 01 31	8579 57 617	P
30 25 5972 BRITT		09 01 30	8245 49 499	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:23:20
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 4

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)

API Well No : 30 25 5972 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 25 5972 BRITT		10 01 31	8495	57 679 P
30 25 5972 BRITT		11 01 30	7319	48 604 P
30 25 5972 BRITT		12 01 31	8169	51 625 P
30 25 5972 BRITT		01 02 31	7646	49 645 P
30 25 5972 BRITT		02 02 28	6536	43 585 P
30 25 5972 BRITT		03 02 31	6864	61 649 P
30 25 5972 BRITT		04 02 30	6167	60 606 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:23:22
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 5

OGRID Identifier : 6473 DOYLE HARTMAN
 Pool Identifier : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
 API Well No : 30 25 5972 Report Period - From : 01 2000 To : 07 2002

API Well No		Property Name	Prodn. Days	Production Volumes			Well
			MM/YY	Prod	Gas	Oil	Water Stat
30	25	5972 BRITT	05 02	31	6431	68	754 P
30	25	5972 BRITT	06 02	30	5865	65	699 P

Reporting Period Total (Gas, Oil) : 276794 2167 17969

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IWCW

ONGARD
INQUIRE WELL COMPLETIONS

08/29/02 17:24:55
OGOMES -TPV1

API Well No : 30 25 35152 Eff Date : 09-27-2000 WC Status : A
Pool Idn : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)
OGRID Idn : 6473 DOYLE HARTMAN
Prop Idn : 19147 BRITT

Well No : 014
GL Elevation: 3547

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : 7 20S 37E FTG 1400 F S FTG 2310 F E A
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

*16 N56
on 5/12
parker*

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/29/02 17:24:59
OGOMES -TPV1
Page No : 1

API Well No : 30 25 35152 Eff Date : 04-30-1991
Pool Idn : 76480 EUMONT;YATES-7 RYRS-QUEEN (PRO GAS)
Prop Idn : 19147 BRITT
Spacing Unit : 37678 OCD Order :
Sect/Twp/Rng : 7 20S 37E Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
B	7	7	20S	37E	40.00	N	FD		
C	7	7	20S	37E	40.00	N	FD		
F	7	7	20S	37E	40.00	N	FD		
G	7	7	20S	37E	40.00	N	FD		
J	7	7	20S	37E	40.00	N	FD		
K	7	7	20S	37E	40.00	N	FD		
N	7	7	20S	37E	40.00	N	FD		
O	7	7	20S	37E	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/29/02 17:25:07
OGOMES -TPV1
Page No: 1

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)
API Well No : 30 25 35152 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 25 35152		09 00		P
30 25 35152	BRITT	10 00 13	2468	157 P
30 25 35152	BRITT	11 00 28	15629	1175 P
30 25 35152	BRITT	12 00 31	16570	2196 P
30 25 35152	BRITT	01 01 31	15542	2385 P
30 25 35152	BRITT	02 01 28	13428	2136 P
30 25 35152	BRITT	03 01 31	13878	2201 P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/29/02 17:25:10
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPV1
 Page No: 2

OGRID Identifier : 6473 DOYLE HARTMAN

Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)

API Well No : 30 25 35152 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	25 35152 BRITT	04 01 30	12433	2067 P
30	25 35152 BRITT	05 01 31	12024	2145 P
30	25 35152 BRITT	06 01 27	10600	2196 P
30	25 35152 BRITT	07 01 31	12319	2637 P
30	25 35152 BRITT	08 01 31	12541	2018 P
30	25 35152 BRITT	09 01 30	11252	1523 P
30	25 35152 BRITT	10 01 31	11060	1440 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

08/29/02 17:25:11
OGOMES -TPV1
Page No: 3

ONGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 35152 Report Period - From : 01 2000 To : 07 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	25 35152 BRITT	11 01 30	10782	1308 P
30	25 35152 BRITT	12 01 31	11510	1326 P
30	25 35152 BRITT	01 02 31	10668	1257 P
30	25 35152 BRITT	02 02 28	9832	1188 P
30	25 35152 BRITT	03 02 31	10421	1208 P
30	25 35152 BRITT	04 02 30	9027	1047 P
30	25 35152 BRITT	05 02 31	8887	1066 P
Reporting Period Total (Gas, Oil) :		239845		33697

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/29/02 17:25:13
OGOMES -TPV1
Page No: 4

OGRID Identifier : 6473 DOYLE HARTMAN
Pool Identifier : 76480 EUMONT,YATES-7 RVRS-QUEEN (PRO GAS)
API Well No : 30 25 35152 Report Period - From : 01 2000 To : 07 2002

-----		-----		-----		-----	
API Well No	Property Name	Prodn. Days	Production Volumes	Well			
		MM/YY	Prod	Gas	Oil	Water	Stat
-----		-----		-----		-----	
30 25 35152	BRITT	06 02	30	8974			1021 P

Reporting Period Total (Gas, Oil) : 239845 33697

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IWCW

ONGARD
INQUIRE WELL COMPLETIONS

08/30/02 07:59:36
OGOMES -TPOB

API Well No : 30 25 5992 Eff Date : 07-01-1996 WC Status : A
Pool Idn : 23000 EUNICE MONUMENT;GRAYBURG-SAN ANDRES
OGRID Idn : 6473 DOYLE HARTMAN
Prop Idn : 19147 BRITT

Well No : 004
GL Elevation: 3565

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	:	B	7	20S	37E	FTG 660 F N FTG 1980 F E	A
Lot Identifier:							
Dedicated Acre:							
Lease Type	:	S					
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O)	:						

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 08/30/02 07:59:50
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPOB

API Well No : 30 25 5993 Eff Date : 12-11-1996 WC Status : A
 Pool Idn : 23000 EUNICE MONUMENT;GRAYBURG-SAN ANDRES
 OGRID Idn : 6473 DOYLE HARTMAN
 Prop Idn : 19147 BRITT

Well No : 005
 GL Elevation: 3557

B.H. Locn	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
: K 7	20S	37E	FTG 1980 F S	FTG 1980 F W		A	
Lot Identifier:							
Dedicated Acre: 40.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 08/30/02 08:06:36
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPOB

API Well No : 30 25 5998 Eff Date : 04-01-1991 WC Status : A
 Pool Idn : 46990 MONUMENT;BLINEBRY
 OGRID Idn : 6473 DOYLE HARTMAN
 Prop Idn : 19147 BRITT

Well No : 011
 GL Elevation: 3565

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : G 7 20S 37E FTG 1650 F N FTG 1650 F E P
 Lot Identifier :
 Dedicated Acre: 40.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 08/30/02 07:59:01
 OGIWCM INQUIRE WELL COMPLETIONS OGOMES -TPOB

API Well No : 30 25 5990 Eff Date : 03-25-1998 WC Status : T
 Pool Idn : 23000 EUNICE MONUMENT;GRAYBURG-SAN ANDRES
 OGRID Idn : 6473 DOYLE HARTMAN
 Prop Idn : 19147 BRITT

Well No : 002
 GL Elevation: 3552

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : C 7 20S 37E FTG 660 F N FTG 1980 F W A
 Lot Identifier:
 Dedicated Acre: 40.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

**STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:**

**CASE NO. 12563
ORDER NO. R-8170-P**

**APPLICATION OF THE NEW MEXICO OIL CONSERVATION DIVISION FOR
TERMINATION OF GAS PRORATIONING IN THE JALMAT AND EUMONT
GAS POOLS AND TO AMEND THE SPECIAL RULES GOVERNING BOTH
POOLS, LEA COUNTY, NEW MEXICO.**

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on July 12, and September 6, 2001, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 14th day of December, 2001, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

(1) Due notice has been given, and the Division has jurisdiction of this case and its subject matter.

(2) The Jalmat Gas Pool and the Eumont Gas Pool are currently classified by the Division as "prorated" gas pools and are subject to the following special rules and procedures:

- (a) the "*Special Rules and Regulations for the Jalmat Gas Pool*" and the "*Special Rules and Regulations for the Eumont Gas Pool*," as promulgated by Division Order No. R-8170, as amended;
- (b) the general rules for gas proration as contained in Division Rules 601 through 605;
- (c) Division Rule 104.F., revised by Division Order No. R-11231, issued by the New Mexico Oil

Conservation Commission in Case No. 12119 on
August 12, 1999; and

(d) Rule 1207.A.(2).

(3) The New Mexico Oil Conservation Division ("Division") seeks to terminate gas prorationing in the Jalmat and Eumont Gas Pools, thereby excluding both pools from the provisions of Division Rules No. 601 through 605. The Division further seeks to amend the special rules and regulations for the Jalmat and Eumont Gas Pools by whatever means necessary to prevent waste, maintain orderly development, and protect correlative rights.

(4) Doyle Hartman, Oil Operator ("Hartman"), Raptor Resources, Inc. ("Raptor"), BP Amoco ("BP Amoco"), and Chevron USA Inc. ("Chevron"), all operators within the Jalmat and/or Eumont Gas Pools, appeared at the hearing.

(5) The Eumont Gas Pool currently comprises all or portions of Township 18 South, Ranges 36 and 37 East, Township 19 South, Ranges 36 and 37 East, Township 20 South, Ranges 35 through 38 East, Township 21 South, Ranges 35 through 37 East, and Township 22 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico.

(6) The Jalmat Gas Pool currently comprises all or portions of Township 21 South, Ranges 35 and 36 East, Township 22 South, Ranges 35 through 37 East, Township 23 South, Ranges 35 through 37 East, Township 24 South, Ranges 36 and 37 East, Township 25 South, Ranges 36 and 37 East, and Township 26 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico.

(7) The "*Special Rules and Regulations for the Jalmat Gas Pool*" currently provide that:

- (a) the vertical limits of the pool extend from the top of the Tansill formation to a point 100 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation; however, in an area that encompasses portions of Township 24 South, Ranges 36 and 37 East, the vertical limits of the pool extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation;

- (b) a gas well shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil. An oil well shall be a well producing from the vertical limits of the pool with a gas-liquid ratio less than or equal to 100,000 cubic feet of gas per barrel of oil;
- (c) the limiting gas-oil ratio for oil wells in the Jalmat Gas Pool is 10,000 cubic feet of gas per barrel of oil;
- (d) a standard gas proration unit shall be 640 acres;
- (e) a standard oil proration unit shall be 40 acres;
- (f) a gas well to which 640 acres is dedicated shall be located no closer than 1650 feet to the outer boundary of the section and no closer than 330 feet to any governmental quarter-quarter section line or subdivision inner boundary;
- (g) an oil well shall be located no closer than 330 feet to the outer boundary of the proration unit;
- (h) for a non-standard gas proration unit, the location of the well with respect to the two nearest boundary lines of the unit shall govern the maximum amount of acreage that may be assigned to the well for the purposes of gas proration as follows:

<u>Location</u>	<u>Maximum Acreage</u>
660-660	160 acres
660-990	320 acres
990-990	600 acres

- (i) acreage dedicated to a gas well shall not be simultaneously dedicated to an oil well, and the dual completion of a well so as to produce oil from

the Yates formation and oil from the Seven Rivers or Queen formation is prohibited; and

- (j) for gas proration purposes, a 640-acre gas proration unit shall be assigned an Acreage Factor of 4.0, a 160-acre proration unit shall be assigned an Acreage Factor of 1.0, etc.

(8) The "*Special Rules and Regulations for the Eumont Gas Pool*" are the same as the "*Special Rules and Regulations for the Jalmat Gas Pool*," with the exception of the following:

- (a) the vertical limits of the Eumont Gas Pool extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers and Queen formations; and
- (b) the pool rules for the Eumont Gas Pool do not contain a provision prohibiting the simultaneous dedication of acreage to an oil well and a gas well.

(9) A minimum gas allowable of 600 MCF of gas per day (18,300 MCF/month) per Acreage Factor of 1.0 was established for the Eumont and Jalmat Gas Pools by Division Order No. R-8170-G dated November 8, 1990, and by Division Order No. R-8170-J dated January 8, 1991, respectively.

(10) In September, 2000, the Division hired a contractor to perform an analysis of the gas proration system in New Mexico's prorated gas pools, and in particular, the Eumont and Jalmat Gas Pools.

(11) On November 8, 2000, the contractor, Mr. Jim Morrow, presented the results of his study to the New Mexico Oil Conservation Commission.

(12) The Division presented Mr. Morrow's report titled "Analysis of Proration System, Southeast New Mexico" as evidence in this case. In addition, Mr. Morrow testified at the hearing by telephone.

(13) With respect to the Eumont Gas Pool, the results of Mr. Morrow's study demonstrate that:

- (a) in October, 1992, the non-marginal monthly gas allowable for the Eumont Gas Pool was increased to

24,730 MCF per Acreage Factor of 1.0. In April, 1993, this allowable was increased to 28,928 MCF, and in April, 1995, this allowable was increased to 38,000 MCF. The non-marginal monthly gas allowable of 38,000 MCF per Acreage Factor of 1.0 remains in place at the current time;

- (b) in March, 2000, 555 wells were producing from the Eumont Gas Pool at an average monthly producing rate of 3,054 MCF per month per well;
- (c) production data was analyzed for the period commencing January, 1997 and ending March, 2000. At some time during this production period, six gas proration units ("GPU's") produced in excess of their gas allowable for one or more months; however, all overproduction accrued by these six GPU's was made up by the end of 1999;
- (d) very few, if any, of the GPU's in the Eumont Gas Pool are currently capable of producing at or near the current gas allowable; and
- (e) no production in excess of the gas allowable was reported by any GPU in January, February or March, 2000.

(14) With respect to the Jalmat Gas Pool, the results of Mr. Morrow's study demonstrate that:

- (a) the current non-marginal monthly gas allowable for the Jalmat Gas Pool is 18,300 MCF per Acreage Factor of 1.0;
- (b) in March, 2000, 495 wells were producing from the Jalmat Gas Pool at an average monthly producing rate of 1,117 MCF per month per well;
- (c) production data was analyzed for the period commencing January, 1997 and ending June, 2000. At some time during this production period, five GPU's produced in excess of their gas allowable for

one or more months; however, all overproduction accrued by these five GPU's was made up by November, 1999; and

- (d) very few, if any, of the GPU's in the Jalmat Gas Pool are currently capable of producing at or near the current gas allowable.

(15) Mr. Morrow's report further shows that of the eleven GPU's that overproduced in the Eumont and Jalmat Gas Pools during the period of production analysis, none would have been required to be shut-in pursuant to the provisions of Division Rule 605.E.(3), and none was ever six times overproduced, or overproduced at the end of two consecutive proration periods.

(16) The evidence presented further demonstrates that gas production from the Eumont and Jalmat Gas Pools has declined significantly over the past several years, and will continue to decline in the future.

(17) A reduction in the minimum gas allowable for the Eumont and Jalmat Gas Pools, thereby increasing the effectiveness of gas proration, would tend to discourage further drilling and workover activity in the pools, thereby reducing the ultimate recovery of gas from the Yates, Seven Rivers and Queen formations.

(18) At the conclusion of the hearing on July 12, 2001, the Examiner directed the Division to provide notice to all operators of wells within the Eumont and Jalmat Gas Pools of its proposal to: (i) terminate gas prorationing in the Eumont and Jalmat Gas Pools; and (ii) amend the special pool rules for the Eumont and Jalmat Gas Pools. This notice was sent to these operators on or about July 18, 2001.

(19) No operator appeared at the July 12 or September 6 hearing to oppose the Division's proposal to terminate gas prorationing and to amend the special pool rules for the Eumont and Jalmat Gas Pools. In addition, no operator submitted written correspondence or comments to the Division in opposition to the application.

(20) The evidence presented in this case demonstrates that gas prorationing currently serves no purpose in the Eumont and Jalmat Gas Pools.

(21) Gas prorationing in the Eumont and Jalmat Gas Pools should be terminated.

(22) The evidence presented further demonstrates that:

- (a) development of the Eumont and Jalmat Gas Pools commenced in the 1950's;
- (b) development within these pools has occurred over the years in a somewhat unconventional manner due to certain factors including, but not limited to: (i) the geology and drainage characteristics of the Yates, Seven Rivers and Queen formations; (ii) 640-acre gas spacing; and (iii) the pools being subject to gas proration;
- (c) within the Eumont and Jalmat Gas Pools, there are a considerable number of non-standard gas proration units that have been routinely approved by the Division over the years. These non-standard gas proration units vary in size and shape from 40 acres to 640 acres; and
- (d) within the Eumont and Jalmat Gas Pools, there are a considerable number of wells that have been drilled at non-standard locations.

(23) With termination of gas prorationing within the Eumont and Jalmat Gas Pools, it becomes necessary to amend the special pool rules in order to maintain orderly development, prevent waste, and protect correlative rights.

(24) The Division has proposed that the "*Special Rules and Regulations for the Jalmat Gas Pool*," and the "*Special Rules and Regulations for the Eumont Gas Pool*," be amended to contain provisions whereby:

- (a) a gas well shall be located no closer than: (i) 660 feet to any outer boundary of its assigned gas spacing unit; (ii) 660 feet to any governmental quarter section line; and (iii) 330 feet to any governmental quarter-quarter section line or subdivision inner boundary;
- (b) no more than one well shall be permitted on a standard 40-acre, more or less, oil proration unit;

- (c) no more than one well shall be permitted per 160 acres within existing gas spacing and proration units, either standard or otherwise;
- (d) exceptions may be granted to the requirements of (a), (b) and (c); and
- (e) in no event shall any standard or non-standard gas spacing and prorating unit in the Eumont and Jalmat Gas Pools be allowed more than one well per quarter-quarter section.

(25) Hartman presented evidence and testimony at the hearing generally in agreement with the proposed rule amendments set forth by the Division. Hartman presented written comments and recommendations regarding the proposed rule amendments.

(26) BP Amoco and Raptor, which also expressed general agreement with the proposed rule amendments set forth by the Division, submitted written comments and recommendations regarding the proposed rule amendments.

(27) No other operator presented written comments or correspondence in this case.

(28) Due consideration has been given to the evidence presented in this case, including written comments and recommendations by Hartman, BP Amoco and Raptor in the development of special pool rules for the Eumont and Jalmat Gas Pools.

(29) Approval of amended rules for the Eumont and Jalmat Gas Pools will promote orderly development within the pools, prevent waste and protect correlative rights.

(30) Amended pool rules for the Eumont and Jalmat Gas Pools should be established, and the "*Special Rules and Regulations for the Eumont Gas Pool*," and the "*Special Rules and Regulations for the Jalmat Gas Pool*," as promulgated by Division Order No. R-8170, as amended, should be superseded by the special pool rules set forth by this order.

IT IS THEREFORE ORDERED THAT:

(1) Pursuant to the application of the Oil Conservation Division, gas prorationing in the Eumont Gas Pool, encompassing all or portions of Township 18 South, Ranges 36 and 37 East, Township 19 South, Ranges 36 and 37 East, Township 20 South, Ranges 35 through 38 East, Township 21 South, Ranges 35 through 37 East, and Township 22 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico, is hereby terminated.

(2) Pursuant to the application of the Oil Conservation Division, gas prorationing in the Jalmat Gas Pool, encompassing all or portions of Township 21 South, Ranges 35 and 36 East, Township 22 South, Ranges 35 through 37 East, Township 23 South, Ranges 35 through 37 East, Township 24 South, Ranges 36 and 37 East, Township 25 South, Ranges 36 and 37 East, and Township 26 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico, is hereby terminated.

(3) The "*Special Rules and Regulations for the Eumont Gas Pool*," and the "*Special Rules and Regulations for the Jalmat Gas Pool*," as promulgated by Division Order No. R-8170, as amended, are hereby superseded by the special pool rules for the Eumont and Jalmat Gas Pools hereinafter set forth.

(4) "*Special Pool Rules for the Eumont Gas Pool*" and "*Special Pool Rules for the Jalmat Gas Pool*" are hereby established as follows:

SPECIAL POOL RULES
FOR THE EUMONT GAS POOL

RULE 1. DEFINITIONS:

THE VERTICAL LIMITS of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers, and Queen formations.

A GAS WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Eumont Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

RULE 2. ACREAGE ASSIGNMENT:

(A) A standard gas spacing unit in the Eumont Gas Pool shall be 640 acres, more or less, and shall comprise a single governmental section.

(B) A standard oil spacing and proration unit in the Eumont Gas Pool shall be 40 acres, more or less, and shall comprise a single governmental quarter-quarter section or lot.

(C) Acreage dedicated to a gas well in the Eumont Gas Pool shall not be simultaneously dedicated to an oil well in the Eumont Gas Pool, and the dual completion of a well so as to produce oil from the Yates formation and oil from the Seven Rivers or Queen formation is prohibited.

RULE 3. WELL DENSITY AND LOCATION:

(A) **Well Location:**

(1) An oil well in the Eumont Gas Pool shall be located no closer than 330 feet to any governmental quarter-quarter section line or subdivision inner boundary.

(2) A gas well in the Eumont Gas Pool shall be located no closer than:
(a) 660 feet to any outer boundary of its assigned gas spacing unit; (b) 660 feet to any governmental quarter section line; and (c) 330 feet to any governmental quarter-quarter section line or subdivision inner boundary.

(B) For any 40-acre, more or less, oil spacing and proration unit within the Eumont Gas Pool, no more than one well shall be allowed. Only those 40-acre oil spacing and proration units committed to active secondary recovery projects shall be permitted more than one well. Otherwise, an exception to this rule will require a hearing.

(C) For any gas spacing unit, either standard or otherwise, the number of wells allowed shall be limited to no more than one well per 160 acres. For either a standard or non-standard 640-acre unit, a maximum of four wells shall be allowed, provided that no more than one well shall be allowed to occupy any one of the four quarter sections. For a non-standard 480, 320 or 160-acre unit, a maximum of three wells, two wells, or one

well, respectively, shall be allowed, provided that no more than one well shall be allowed to occupy each quarter section that comprises the unit.

(D) In no event shall any Eumont gas spacing unit be allowed more than one well per quarter-quarter section.

RULE 4. ADMINISTRATIVE EXCEPTIONS:

(A) The Division Director may grant an administrative exception to the well location requirements of Rule 3(A) above, without hearing, when the exception is necessary to prevent waste or protect correlative rights, so long as:

(1) an application has been duly filed under the provisions of Division Rule 104.F; and

(2) the applicant presents proof of consent of or notice to all operators of any unit or units adjacent to the gas spacing unit in which the well is located and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(B) The Division Director may grant an administrative exception to the gas well density provisions of Rule 3(C) above, or may administratively approve the formation of a non-standard gas spacing unit that will result in a well density of more than one well per 160 acres, so long as the operator presents sufficient engineering, geologic, reservoir drainage and other applicable evidence that demonstrates:

(1) the proposed well is necessary (a) to effectively and efficiently drain a 160-acre quarter section that cannot be adequately drained by the existing well or wells, or (b) to adequately protect the subject unit from offsetting drainage, or (c) to prevent waste by utilizing an existing or previously abandoned wellbore, or (d) to recover additional reserves that would otherwise not be recovered from the reservoir;

(2) the proposed well will not violate correlative rights; and

(3) the applicant has obtained consent of or given notice to all operators of any unit or units adjacent to the gas spacing unit requiring the well density exception and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(C) Non-Standard Gas Spacing Units:

(1) The Director may establish non-standard gas spacing units in the Eumont Gas Pool as follows:

(a) Units that comprise complete quarter sections:

The Director may administratively grant an exception to the requirements of Rule 2(A) above to establish a single 160-acre, more or less, non-standard spacing unit comprising a single quarter section, or a 320-acre, 480-acre, or 640-acre, more or less, non-standard gas spacing unit that consists of two, three, or four complete quarter sections that share a common bordering side, without a hearing, so long as the applicant presents proof of consent of or notice to all operators of any unit or units adjacent to the proposed non-standard spacing unit and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4 (D).

(b) Units that involve partial quarter sections regardless of size (up to 640 acres):

The Director may administratively grant an exception to the requirements of Rule 2(A) above to establish a non-standard gas spacing unit containing legal subdivisions smaller than a quarter section [quarter-quarter section(s) or lots] without a hearing provided that:

(i) the non-standard spacing unit consists of quarter-quarter sections or lots that share a common bordering side; and

(ii) the applicant presents proof of consent of or notice to all offset operators of any unit or units adjacent to the proposed non-standard spacing unit and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(2) Applications for non-standard gas spacing units shall include:

(a) a detailed explanation of the necessity for requesting the proposed non-standard gas spacing unit;

(b) a land plat that identifies the non-standard gas spacing unit being sought and identifies all existing Eumont gas wells contained within the acreage;

(c) information concerning any old well within the proposed unit that once had Eumont production, either oil or gas (well name and number, operator, last acreage dedication, plugging date and cumulative oil and gas production, and any applicable Division order granting an exception to any Eumont rule);

(d) a land plat that clearly shows all existing Eumont oil and gas spacing units that directly offset the proposed non-standard unit and, if available, reference to all orders approving such non-standard gas spacing units;

(e) for a non-standard Eumont gas spacing unit that contains partial quarter sections, a land plat must be submitted that clearly depicts the acreage and mineral interests that will be excluded from the unit within the quarter section and that are not committed to any other Eumont gas or oil spacing unit; the plat shall identify the owners of such mineral interests by name, address (if known) and percentage;

(f) geological and technical information required by Rule 4(B), if applicable; and

(g) proof of compliance with applicable consent or notice provisions of Rule 4.

(D) With reference to any exception that may be granted administratively without hearing as provided by any provision of this Rule 4:

(1) any required proof of consent shall be evidenced by written waivers setting forth the substance of the exception sought and expressly consenting thereto, and signed by the person whose consent is required by the applicable provision of this Rule;

(2) any required notice shall be given in the manner provided in Rule 1207 (B), except that in lieu of stating the time and place of hearing, such notice shall state that the exception sought may be granted without hearing unless a protest is filed with the Santa Fe office of the Division within

twenty (20) days after the filing of the application and proof of notice with the Division. An affidavit shall be filed with the application setting forth the information required by Rule 1207 (C) with respect to any persons required to be notified by the applicable provision of this Rule from whom written waivers are not furnished;

(3) if an application is supported by written waivers as provided in Rule 4(D) (1) from all persons whose consent is required and an affidavit attesting that the persons whose waivers are attached are all of the persons whose consent is required, the Director may grant the application without further notice or hearing; and

(4) if an application is supported by proof of notice as provided in Rule 4(D) (2), the Director may grant the application without hearing if no protest is filed with the Division within twenty (20) days after the date of filing of the application and proof of notice.

(E) The Division Director may set for hearing any application that was filed for administrative approval. If a protest is filed as to any such application as provided in Rule 4(D), such application shall be denied or set for hearing, in the discretion of the Director.

RULE 5. WELL TESTING:

(A) **Gas-liquid ratio tests:** The operator of each newly completed well shall conduct a gas-liquid ratio test on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production. Semi-annual gas-liquid ratio tests shall be conducted on all wells during each year in accordance with a test schedule prepared by the Hobbs district office of the Division. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Any well that is shut-in shall be exempt from the gas-liquid ratio test requirement so long as it remains shut-in. Gas-liquid ratio tests shall be conducted for 24 hours, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of each test shall be filed on Division Form C-116 on or before the tenth day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the Hobbs district office of the Division a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor of the Hobbs district office may grant an exception to the above well-test requirements where it is demonstrated that the well produces no liquids. Special gas-liquid ratio tests shall also be conducted at the request of the Division and may also be conducted at the option of the operator. Such special

gas-liquid ratio tests shall be conducted in accordance with the procedures outlined hereinabove, including notification to the Division and offset operators.

(B) An initial shut-in pressure test shall be conducted on each gas well and shall be reported to the Division on Form C-125.

RULE 6. MISCELLANEOUS:

(A) Oil wells in the Eumont Gas Pool shall receive oil and casinghead gas allowables as provided in Division Rules 503, 505, and 506.

(B) All existing exceptions, whether granted administratively or through hearing, in effect on the issuance date of this order shall be "grandfathered" and shall remain in full force and effect until further notice.

**SPECIAL POOL RULES
FOR THE JALMAT GAS POOL**

RULE 1. DEFINITIONS:

THE VERTICAL LIMITS of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 100 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation, except as provided below.

In the area described immediately below, the vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 13:	SE/4 NE/4, SE/4
Section 23:	E/2 E/2
Section 24:	All
Section 25:	N/2
Section 26:	E/2 NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18:	SW/4 NW/4, W/2 SW/4
Section 19:	W/2
Section 30:	NW/4

A GAS WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Jalmat Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

RULE 2. ACREAGE ASSIGNMENT:

(A) A standard gas spacing unit in the Jalmat Gas Pool shall be 640 acres, more or less, and shall comprise a single governmental section.

(B) A standard oil spacing and proration unit in the Jalmat Gas Pool shall be 40 acres, more or less, and shall comprise a single governmental quarter-quarter section or lot.

(C) Acreage dedicated to a gas well in the Jalmat Gas Pool shall not be simultaneously dedicated to an oil well in the Jalmat Gas Pool, and the dual completion of a well so as to produce oil from the Yates formation and oil from the Seven Rivers or Queen formation is prohibited.

RULE 3. WELL DENSITY AND LOCATION:

(A) **Well Location:**

(1) An oil well in the Jalmat Gas Pool shall be located no closer than 330 feet to any governmental quarter-quarter section line or subdivision inner boundary.

(2) A gas well in the Jalmat Gas Pool shall be located no closer than:
(a) 660 feet to any outer boundary of its assigned gas spacing unit; (b) 660 feet to any governmental quarter section line; and (c) 330 feet to any governmental quarter-quarter section line or subdivision inner boundary.

(B) For any 40-acre, more or less, oil spacing and proration unit within the Jalmat Gas Pool, no more than one well shall be allowed. Only those 40-acre oil spacing and proration units committed to active secondary recovery projects shall be permitted more than one well. Otherwise, an exception to this rule will require a hearing.

(C) For any gas spacing unit, either standard or otherwise, the number of wells allowed shall be limited to no more than one well per 160 acres. For either a standard or non-standard 640-acre unit, a maximum of four wells shall be allowed, provided that no more than one well shall be allowed to occupy any one of the four quarter sections. For a non-standard 480, 320 or 160-acre unit, a maximum of three wells, two wells, or one well, respectively, shall be allowed, provided that no more than one well shall be allowed to occupy each quarter section that comprises the unit.

(D) In no event shall any Jalmat gas spacing unit be allowed more than one well per quarter-quarter section.

RULE 4. ADMINISTRATIVE EXCEPTIONS:

(A) The Division Director may grant an administrative exception to the well location requirements of Rule 3(A) above, without hearing, when the exception is necessary to prevent waste or protect correlative rights, so long as:

(1) an application has been duly filed under the provisions of Division Rule 104.F; and

(2) the applicant presents proof of consent of or notice to all operators of any unit or units adjacent to the gas spacing unit in which the well is located and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(B) The Division Director may grant an administrative exception to the gas well density provisions of Rule 3(C) above, or may administratively approve the formation of a non-standard gas spacing unit that will result in a well density of more than one well per 160 acres, so long as the operator presents sufficient engineering, geologic, reservoir drainage and other applicable evidence that demonstrates:

(1) the proposed well is necessary (a) to effectively and efficiently drain a 160-acre quarter section that cannot be adequately drained by the existing well or wells, or (b) to adequately protect the subject unit from offsetting drainage, or (c) to prevent waste by utilizing an existing or previously abandoned wellbore, or (d) to recover additional reserves that would otherwise not be recovered from the reservoir;

(2) the proposed well will not violate correlative rights; and

(3) the applicant has obtained consent of or given notice to all operators of any unit or units adjacent to the gas spacing unit requiring the well density exception and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(C) Non-Standard Gas Spacing Units:

(1) The Director may establish non-standard gas spacing units in the Jalmat Gas Pool as follows:

(a) Units that comprise complete quarter sections:

The Director may administratively grant an exception to the requirements of Rule 2(A) above to establish a single 160-acre, more or less, non-standard spacing unit comprising a single quarter section, or a 320-acre, 480-acre, or 640-acre, more or less, non-standard gas spacing unit that consists of two, three, or four complete quarter sections that share a common bordering side, without a hearing, so long as the applicant presents proof of consent of or notice to all operators of any unit or units adjacent to the proposed non-standard spacing unit and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4 (D).

(b) Units that involve partial quarter sections regardless of size (up to 640 acres):

The Director may administratively grant an exception to the requirements of Rule 2(A) above to establish a non-standard gas spacing unit containing legal subdivisions smaller than a quarter section [quarter-quarter section(s) or lots] without a hearing provided that:

(i) the non-standard spacing unit consists of quarter-quarter sections or lots that share a common bordering side; and

(ii) the applicant presents proof of consent of or notice to all offset operators of any unit or units adjacent to the proposed non-standard spacing unit and, for any adjacent unit or units where there is no operator, all lessees or unleased mineral interest owners, in the form and manner prescribed by Rule 4(D).

(2) Applications for non-standard gas spacing units shall include:

(a) a detailed explanation of the necessity for requesting the proposed non-standard gas spacing unit;

(b) a land plat that identifies the non-standard gas spacing unit being sought and identifies all existing Jalmat gas wells contained within the acreage;

(c) information concerning any old well within the proposed unit that once had Jalmat production, either oil or gas (well name and number, operator, last acreage dedication, plugging date and cumulative oil and gas production, and any applicable Division order granting an exception to any Jalmat rule);

(d) a land plat that clearly shows all existing Jalmat oil and gas spacing units that directly offset the proposed non-standard unit and, if available, reference to all orders approving such non-standard gas spacing units;

(e) for a non-standard Jalmat gas spacing unit that contains partial quarter sections, a land plat must be submitted that clearly depicts the acreage and mineral interests that will be excluded from the unit within the quarter section and that are not committed to any other Jalmat gas or oil spacing unit; the plat shall identify the owners of such mineral interests by name, address (if known) and percentage;

(f) geological and technical information required by Rule 4(B), if applicable; and

(g) proof of compliance with applicable consent or notice provisions of Rule 4.

(D) With reference to any exception that may be granted administratively without hearing as provided by any provision of this Rule 4:

(1) any required proof of consent shall be evidenced by written waivers setting forth the substance of the exception sought and expressly consenting thereto, and signed by the person whose consent is required by the applicable provision of this Rule;

(2) any required notice shall be given in the manner provided in Rule 1207 (B), except that in lieu of stating the time and place of hearing, such notice shall state that the exception sought may be granted without hearing unless a protest is filed with the Santa Fe office of the Division within twenty (20) days after the filing of the application and proof of notice with the Division. An affidavit shall be filed with the application setting forth the information required by Rule 1207 (C) with respect to any persons required to be notified by the applicable provision of this Rule from whom written waivers are not furnished;

(3) if an application is supported by written waivers as provided in Rule 4(D) (1) from all persons whose consent is required and an affidavit attesting that the persons whose waivers are attached are all of the persons whose consent is required, the Director may grant the application without further notice or hearing; and

(4) if an application is supported by proof of notice as provided in Rule 4(D) (2), the Director may grant the application without hearing if no protest is filed with the Division within twenty (20) days after the date of filing of the application and proof of notice.

(E) The Division Director may set for hearing any application that was filed for administrative approval. If a protest is filed as to any such application as provided in Rule 4(D), such application shall be denied or set for hearing, in the discretion of the Director.

RULE 5. WELL TESTING:

(A) **Gas-liquid ratio tests:** The operator of each newly completed well shall conduct a gas-liquid ratio test on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production. Semi-annual gas-liquid ratio tests shall be conducted on all wells during each year in accordance with a test schedule prepared by the Hobbs district office of the Division. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Any well that is shut-in shall be exempt from the gas-liquid ratio test requirement so long as it remains shut-in. Gas-liquid ratio tests shall be conducted for 24 hours, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of each test shall be filed on Division Form C-116 on or before the tenth day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the Hobbs district office of the Division a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the

test schedule shall also be furnished to all offset operators. The supervisor of the Hobbs district office may grant an exception to the above well-test requirements where it is demonstrated that the well produces no liquids. Special gas-liquid ratio tests shall also be conducted at the request of the Division and may also be conducted at the option of the operator. Such special gas-liquid ratio tests shall be conducted in accordance with the procedures outlined hereinabove, including notification to the Division and offset operators.

(B) An initial shut-in pressure test shall be conducted on each gas well and shall be reported to the Division on Form C-125.

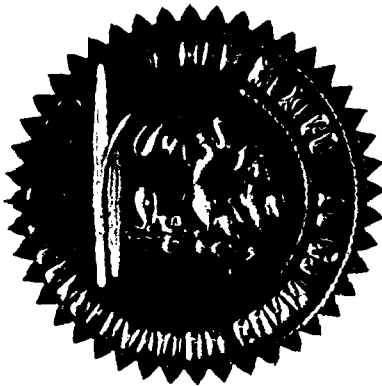
RULE 6. MISCELLANEOUS:

(A) Oil wells in the Jalmat Gas Pool shall receive oil and casinghead gas allowables as provided in Division Rules 503, 505, and 506.

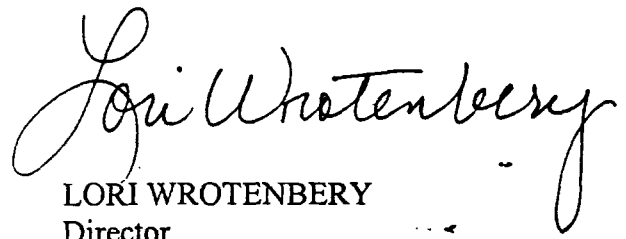
(B) All existing exceptions, whether granted administratively or through hearing, in effect on the issuance date of this order shall be "grandfathered" and shall remain in full force and effect until further notice.

(5) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY
Director

SEAL

rm 3160-5
ne 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
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

SUBMIT IN TRIPLICATE

Type of Well
☐ Oil Well ☒ Gas Well ☐ Other
Name of Operator
Doyle Hartman
Address and Telephone No.
500 N. Main St., Midland, Texas 79701 (915) 684-4011
Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1980' FWL (C) Section 7, T-20-S, R-37-E, NMPM

5. Lease Designation and Serial No.
LC-031621A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
H.M. Britt No. 2
9. API Well No.
30-025-05990
10. Field and Pool, or Exploratory Area
Eumont (Y-7R-Qn)
11. County or Parish, State
Lea Co., NM

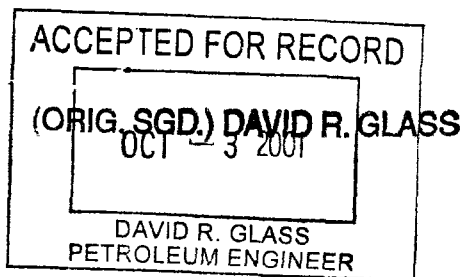
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 checked="" type="checkbox"/> Casing Repair & Cement Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Return to Beneficial Use *
	(Replacement for Adjacent Britt No. 12 Eumont Well)
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" 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.)

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 pertinent to this work.)

For Details of Completed Operations, please refer to pages 1 of 7, 2 of 7, 3 of 7, 4 of 7, 5 of 7, 6 of 7, and 7 of 7 attached hereto, and made a part hereof.



14. I hereby certify that the foregoing is true and correct

Signed 

Title Steve Hartman, Engineer

Date 09/25/01

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 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.

* Last Production 10/54.

*See Instruction on Reverse Side

2nd Edition Monument GB/SA

DETAILS OF COMPLETED OPERATIONS

Moved in and rigged up well service unit. Installed B & M Oil Tool 7" x 2 3/8" x 3" Type MR tubinghead.

Ran new string of 2 3/8" O.D., 4.7 lb/ft, J-55, EUE tubing equipped with cementing stinger. Stung into 7" EZ-Drill retainer, at 3389' (set 3-24-98). Cemented old perfs (7-6-77), from 3453' to 3538', with 150 sx of API Class "C" cement containing 2% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele, to a maximum squeeze pressure of 4436 psi. Reversed excess cement from tubing. Pulled 2 3/8" O.D. tubing and cementing stinger.

Ran 2 3/8" O.D. tubing equipped with 185.52' bottom-hole assembly, consisting of 6 1/4" bit and (6) 4 3/4" O.D. drill collars. Drilled cement (including 7" EZ-Drill retainer), from 3389' to 3544'.

Lowered bottom-hole drilling assembly, to PBTD of 3762'. Circulated hole clean. Pulled 2 3/8" O.D. tubing and bottom-hole drilling assembly.

Rigged up Schlumberger. Logged well with DS-CNL-GR-CCL log (dated 5-24-01) and VDCBL-GR-CCL log (dated 5/24/01).

Rigged up Capitan Corporation wireline truck. Perforated 7" O.D. casing, from 3323' to 3495', with (15) 0.44" x 23" squeeze holes.

Ran 2 3/8" O.D. tubing equipped with Baker 7" Model "C" packer and 7" Model "C" RBP. Set 7" Model "C" RBP, at 3510'. Spotted 150 gal of acid across and above squeeze perfs, from 3323' to 3495'.

Raised and set 7" Model "C" packer, at 3425'. Acidized squeeze perfs, from 3448' to 3495' (4 holes), with an additional 200 gal (total of 350 gal) of 15% NEFE acid. Performed injectivity test, at 2 BPM, at 1200 psi. ISIP = 0 psi.

Raised and set 7" Model "C" RBP, at 3425'. Spotted 150 gal of acid across and above squeeze perfs, from 3323' to 3408' (11 holes). Acidized squeeze perfs, from 3323' to 3408',

with an additional 500 gal (total of 650 gal) of 15% NEFE acid. Performed injectivity test (3323' to 3408'), at 3.0 BPM, at 1025 psi.

Pulled 7" Model "C" packer and 7" Model "C" RBP.

Rigged up Capitan Corporation wireline truck. Set 7" EZ-Drill cementing retainer, at 3298'.

Ran 2 3/8" O.D. tubing equipped with cementing stinger. Cemented squeeze perfs, from 3323' to 3495' (15 holes), with 400 sx of API Class "C" neat cement, followed by 150 sx of API Class "C" cement containing 2 % CaCl_2 , 3 lbs/sx Gilsonite, and 0.25 lb/sx Flocele, to a maximum squeeze pressure of 4400 psi, at 0.2 BPM. Reversed excess cement from tubing. Pulled 2 3/8" O.D. tubing and cementing stinger.

Rigged up Capitan Corporation. Perforated 7" O.D. casing, from 3055' to 3230', with (22) 0.44" x 23" squeeze holes.

Ran and set 7" Model "C" packer, at 3240'. Spotted 400 gal of 15% NEFE acid across and above squeeze perfs, from 3055' to 3230' (22 holes). Acidized squeeze perfs, from 3055' to 3230', with an additional 300 gal (total of 700 gal) of 15% NEFE acid. Performed injectivity test (3055' to 3230'), at 3 BPM, at 1750 psi. Pulled 7" Model "C" packer.

Rigged up Capitan Corporation. Set 7" EZ-Drill retainer, at 3000'. Ran 2 3/8" O.D. tubing equipped with cementing stinger. Cemented squeeze perfs, from 3055' to 3230' (22 holes), with 400 sx of API Class "C" neat cement, followed by 100 sx of API Class "C" cement containing 2% CaCl_2 , 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele. Final squeeze pressure = 4424 psi.

Reversed excess cement from tubing. Pulled 2 3/8" O.D. tubing and cementing stinger.

Ran 185.52' bottom-hole drilling assembly, equipped with 6 1/4" bit and (6) 4 3/4" O.D. drill collars. Drilled cement (including 7" EZ-Drill retainer), from 3055' to 3250'.

Lowered bottom-hole drilling assembly, to top of retainer, at 3298'. Drilled cement (including 7" EZ-Drill retainer), from 3298' to 3550'.

Lowered bottom-hole drilling assembly, to 3762'. Circulated hole clean. Pulled bottom-hole

drilling assembly.

Rigged up Capitan Corporation. Perforated (11) 0.44" x 23" squeeze holes, from 2955' to 3039'.

Rigged up casing crew. Ran 5 1/2" x 5" combination casing string.

92 jts of 5 1/2" O.D. , 14 lb/ft, J-55, ST&C casing	2985.01'
5 1/2" x 5", J-55 casing crossover (at 2985')	1.31'
25 jts of 5" O.D., 15 lb/ft, J-55, ST&C casing	756.57'
equipped with (25) 7" x 5" centralizers	
(1) TIW 5" Type C-LF landing collar	1.22'
(1) 5" O.D., 15 lb/ft, J-55 ST&C pup joint	15.14'
(1) TIW 5" Type TC226 double-valve set shoe	2.90'
<hr/>	
Total	3762.15'

Landed 5 1/2" x 5" combination casing string at 3761', with landing collar at 3743', and 5 1/2" x 5" casing crossover at 2985'.

Cemented casing, at 5.3 BPM, with 200 sx of API Class "C" neat cement, followed by 325 sx of API Class "C" cement, containing 1.25 % CaCl₂, 1.40 lb/sx Gilsonite, and 0.12 lb/sx Flocele. Displaced wiper plug, with 84 bbls of fresh water, at an initial displacement rate of 5 BPM. Final displacement rate was 0.25 BPM, at 4000 psi. Circulated 200 sx of excess cement to pit. Released pressure. Float held okay.

Pressured 7" x 5 1/2" casing annulus to 1000 psi. Closed 3" casing-annulus valve.

Installed 5 1/2" x 2 3/8" x 3" tubinghead. Installed BOP.

Ran 176.71' bottom-hole drilling assembly, consisting of 4 3/4" bit and (6) 3 1/8" drill

collars, to 2985' (top of 5 1/2" x 5" crossover). Found no cement inside of 5 1/2" O.D. casing. Pulled 176.71' bottom-hole drilling assembly.

Ran 179.83' bottom-hole drilling assembly, consisting of 4 1/4" bit, 5" casing scraper, and (6) 3 1/8" drill collars. Drilled cement, from 3348' to 3743' (top of 5" landing collar). Circulated hole clean. Pulled 179.83' bottom-hole drilling assembly.

Rigged up Schlumberger. Logged well with VDCBL-GR-CCL log (dated 6-5-01) and Temperature-GR-CCL log (dated 6-5-01). Found good bonding, from 2955' to 3743'.

Ran 2 3/8" O.D. tubing. Rigged up air unit. Unloaded water from hole. Pulled 2 3/8" O.D. tubing.

Rigged up Capitan Corporation. Perforated Penrose (Lower Queen), from 3215' to 3277', with (18) 0.38" x 19" holes.

Ran and set 5" Model "C" packer, at 3290'. Spotted 150 gal of acid across and above perfs, from 3215' to 3277'. Raised packer to 3135'. Pumped an additional 350 gal of spot acid down 2 3/8" O.D. tubing. Let acid soak for 45 minutes.

Acidized perfs, from 3215' to 3277' (18 holes), with an additional 3000 gal (total of 3500 gal) of 15% MCA acid, and 22 ball sealers, at 4.1 BPM, and an average treating pressure of 2177 psi. $TP_{mx} = 2800$ psi (at ballout).

ISIP = 972 psi.
2-min SIP = 132 psi.
4-min SIP = 0 psi.

Pulled 5" Model "C" packer.

Ran and set 2 3/8" O.D. tubing, at 3510' RKB (107 jts @ 32.56'/jt + 1.1' SN + 18' MA - 3' AGL + 10' KBC = 3510.02'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string consisting of (138) 3/4" x 25' Axelson S-87 API Class "KD" rods, (1) 3/4" x 8' rod sub, (2) 3/4" x 2' rod subs, and 1 1/4" x 16' polish rod. Commenced pump testing Penrose (Lower Queen) perfs, at 8:00 P.M., CDT, 6-6-01, at 8.5 spm x 74" x 1 1/4". Observed the following well performance:

Page 6 of 7
BLM Form 3160-5 dated 9-25-01
Doyle Hartman
H.M. Britt No. 2
C-7-20S-37E
API No. 30-025-05990

Date: 6/18/01
Gas Rate = 25 MCFPD
Water Rate = 1.54 BPD
Orifice Size = 0.250"
CP = 10.2 psi

Rigged up well service unit. Pulled rods and tubing.

Ran and set 5" Model "C" RBP, at 3205'. Loaded casing, with 20 bbls of 2% KCL water.

Rigged up Schlumberger. Re-logged well, from 2350' to 3205', with DS-CNL-GR-CCL log (dated 6-19-01).

Ran 2 3/8" O.D. tubing. Hooked up air unit. Unloaded water from hole. Pulled 5" Model "C" RBP.

Rigged up Capitan Corporation. Perforated 5" O.D. casing, from 3551' to 3697', with 14 squeeze holes. Ran 5" Model "C" packer. Acidized squeeze perfs, from 3551' to 3697', with 400 gal of 15% NEFE acid. Performed injectivity test (3551' to 3697'), at 3.75 BPM, at 1600 psi. Pulled 5" Model "C" packer.

Rigged up Capitan Corporation. Set 5" EZ-Drill retainer, at 3540'. Ran 2 3/8" O.D. tubing equipped with cementing stinger.

Cemented squeeze perfs, from 3551' to 3697', with 166 sx of API Class "C" cement. Flushed cement with 13.6 bbls of 2% KCL water, at a maximum pressure of 4300 psi, at 1.6 BPM.

Pulled out of retainer. Raised tubing 1 jt. Hooked up air unit. Unloaded water from hole. Pulled 2 3/8" O.D. tubing and cementing stinger.

Rigged up Capitan Corporation. Perforated Upper Queen, from 3017' to 3174', with (14) 0.38" x 19" holes.

Ran 2 3/8" O.D. tubing, 5" Model "C" packer, and 5" Model "C" RBP. Set 5" Model "C"

RBP, at 3198'. Spotted 650 gal of acid across and above perms, from 3017' to 3174'. Raised and set 5" Model "C" packer, at 3000'. Acidized perms, from 3017' to 3174' (14 holes), with an additional 2350 gal (total of 3000 gal) of 15% MCA acid and 16 ball sealers, at an average treating rate of 4.0 BPM and average treating pressure of 2700 psi. $TP_{mx} = 3300$ psi (at ballout). Pulled 5" Model "C" packer and 5" Model "C" RBP.

Ran 2 3/8" O.D. tubing. Hooked up air unit. Unloaded acid water from hole. Landed bottom of tubing at 3510'. Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string. Resumed pump testing well, at 8.5 spm x 74" x 1 1/4".

Shut in casing, for pressure buildup, at 12:30 P.M., CDT, 6-24-01. 19.5-hr SICP=85 psig.

Pulled rods and pump. Raised and landed bottom of tubing, at 2958'. Installed 2 3/8" O.D. carbide blast joint and 3" heavy-duty side valves. Made up flowing wellhead assembly.

Rigged up Halliburton. Performed CO₂ foam frac down 5 1/2" x 2 3/8" casing-tubing annulus, with 165, 171 gal of gelled water and CO₂, plus a combined total of 350,000 lbs of 20/40, 10/20, and 8/16 frac sand, at an average treating rate of 25.6 BPM and average wellhead casing pressure of 2549 psi. Static wellhead tubing pressure = 1925 psig.

Left well shut in for one hour. Opened to blowdown tank, for overnight cleanup.

Removed carbide blast joint and 3" heavy-duty frac valves. Installed 3" production ball valves. Lowered 2 3/8" O.D. tubing. Tagged top of sand fill, at 3422'. Hooked up air units. Cleaned out frac sand, to PBTD of 3520'.

Raised and landed bottom of 2 3/8" O.D. tubing, at 3445' RKB (105 jts. @ 32.56'/jt + 1.1' SN + 18' MA - 3' AGL + 10' KBC = 3444.9'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string, consisting of (136) 3/4" x 25' Axelson S-87 API Class "KD" rods, (1) 3/4" x 4' rod sub, and 1 1/4" x 16' polish rod. Returned well to beneficial use, on 6-27-01, as replacement Eumont producer, for adjacent Britt No. 12 Eumont well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

New Mexico Oil Conservation Division, District I
1625 N. Truman Blvd.
Hobbs, NM 88240

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. LC031621A
2. Name of Operator Doyle Hartman	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 500 N. Main St., Midland, Texas 79701 (915) 684-4011	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1980' FWL, Sec. 7, T-20-S, R-37-E, (K)	8. Well Name and No. H.M. Britt No. 5
	9. API Well No. 30-025-05993
	10. Field and Pool, or Exploratory Area Eumont (Y-7R-Qn) Gas
	11. County or Parish, State Lea County, New Mexico

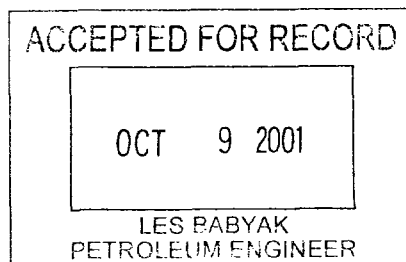
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>Wellbore Repair/</u>
	Restore Eumont Production

(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 pertinent to this work.)*

For details of completed operations, please refer to pages 2 of 5, 3 of 5, 4 of 5, and 5 of 5 attached hereto, and made a part hereof.



14. I hereby certify that the foregoing is true and correct.

Signed Steve Hartman Title Steve Hartman, Engineer Date 09/18/01

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 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.

*See Instruction on Reverse Side

2A Eunice Monument GASA

DETAILS OF COMPLETED OPERATIONS

Rigged up well service unit. Ran 245.6' bottom-hole drilling assembly. Tagged top of 10/31/96 cement, at 1201'. Drilled cement (including Model K-1 retainer), from 1201' to 1312'. Lowered drilling assembly to 3000'. Drilled cement (including Model K-1 retainer), from 3000' to 3375'. Drilled out of hard cement, at 3360'. Tagged top of 7" CIBP, at 3710'.

Rigged up Schlumberger. Logged well with DS-CNL-GR-CCL log and VDCBL-GR-CCL log.

Ran 7" Model "C" RBP and 7" Model "C" packer. Successfully pressure tested 7" O.D. casing, as follows:

<u>INTERVAL</u>	<u>WHP</u> <u>(psig)</u>	<u>REMARKS</u>
0' to 3135'	2800	held okay
3205' to 3248'	2800	held okay
3265' to 3710'	2800 *	held okay

Determined location of 2-5-66 Eumont perforations, to be from 3135' to 3205', and 3248' to 3365'.

Pulled 7" Model "C" packer and 7" Model "C" RBP.

Ran 245.6' bottom-hole drilling assembly. Drilled on 7" CIBP, at 3710', for 1.33 hrs (until slips relaxed). Pushed CIBP to 3821'. Pulled bottom-hole drilling assembly.

Rigged up Capitan Corporation wireline truck. Set Halliburton 7" EZ-Drill cementing retainer, at 3743'. Squeeze cemented open-hole interval, from 3766' to 3857', with 166 sx of API Class-C cement containing 2% CaCl₂, 0.25 lb/sx Pol-E-Flake, and 3 lbs/sx Gilsonite. Max squeeze pressure = 4200 psig.

Pulled out of retainer and displaced cement from 2 3/8" O.D. tubing, with 14.6 bbls of

Page 3 of 5
BLM Form 3160-5 dated 9-18-01
Doyle Hartman
H.M. Britt No. 5
K-7-20S-37E
API No. 30-025-05993

water, due to inability to reverse out cement. Pulled 2 3/8" O.D. tubing.

Ran 245.6' bottom-hole drilling assembly. Drilled cement, from 2938' to 3100', and 3507' to 3743'. Circulated hole clean.

Hooked up air unit. Unloaded water from 7" O.D. casing.

Rigged up Capitan Corporation wireline truck. Re-perforated 7" O.D. casing, over original Eumont producing interval, with (24) 0.44" x 23" holes, with one shot each at:

3162	3192	3281	3301	3340
3164	3258	3284	3311	3344
3184	3262	3288	3312	3348
3186	3268	3294	3322	3364
3191	3270	3299	3325	

Acidized perforations, from 3162' to 3364', with 7000 gal. of 15% MCA acid.

Ran and landed 2 3/8" O.D. tubing, at 3624'. Ran 2" x 1 1/2" x 16' RWBC insert pump. Placed well to pumping, at 6.8 spm x 64" x 1 1/2".

Recovered 94 bbls of load water during 6-day pump test.

Moved in well service unit. Pulled rods and tubing. Perforated (12) 0.44" x 23" squeeze holes, from 3427' to 3523'. Acidized squeeze perfs, with 275 gal. of 15% MCA acid.

Set 7" Model "C" packer, at 2959'. Repaired existing cement, by squeeze cementing, from 3135' to 3523', with 600 sx of API Class-C neat cement, followed by 300 sx of API Class-C cement containing 2% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele. ISIP = 3124 psi. 50-min SIP = 1836 psi. Pulled Model "C" packer.

Ran 185.27' bottom-hole drilling assembly. Tagged top of cement at 3066'. Drilled cement, from 3066' to 3545'. Lowered drilling assembly to 3743'. Circulated hole clean. Pulled bottom-hole drilling assembly.

Ran temperature log. Pressure tested squeeze perfs, from 3427' - 3523', to 2600 psi

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(1.21psi/ft). Pressure held okay.

Rigged up casing crew. Ran and landed 5" O.D., 15 lb/ft, J-55 liner (equipped with (20) 7" x 5" centralizers), from 2998' to 3742' (744'). Cemented 5" O.D. liner, at 6 BPM, with 75 sx of a 50-50 blend of Pozmix "A" and API Class-C cement, followed by 50 sx of API Class-C neat cement.

Released from liner. Pulled 2 3/8" O.D. tubing and liner-setting tool. Pressured 7" O.D. casing, to 750 psi, for 3 hours.

Released casing pressure. Ran bottom-hole drilling assembly. Tagged top of 50-50 Poz cement, at 2618'. Washed and drilled cement, from 2618' to 3723' (top of landing collar).

Rigged up Schlumberger. Logged well with VDCBL-GR-CCL log, from 2200' to 3722'. Tested 7" O.D. casing and 5" O.D. liner, to 2500 psi. Pressure held okay.

Rigged up Capitan Corporation. Perforated 5" O.D. liner, from 3551' to 3658', with (11) 0.38" x 19" squeeze holes. Acidized squeeze holes, with 250 gal. of 15% MCA acid.

Rigged up Capitan Corporation. Set Halliburton 5" EZ-Drill retainer, at 3546'. Acidized squeeze perfs, from 3551' to 3658', with an additional 200 gal. of 15% MCA acid. Cemented squeeze perfs, from 3551' to 3658', with 300 sx of API Class-C neat cement, followed by 400 sx of API Class-C cement containing 2% CaCl₂.

ISIP = 1468 psi
10- min. SIP = 1312 psi

Stung back into retainer. Over displaced cement, with 40 bbls. of 2% KCL water.

Ordered additional cement. Cemented squeeze perfs, from 3551' to 3668', with an additional 102 sx of API Class-C cement containing 2% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele, to a maximum squeeze pressure of 4413 psi. Reversed out 13.42 bbls. (57 sx) of cement.

Rigged up Capitan Corporation wireline truck. Perforated 5" O.D. liner, over original Eumont perforated interval, with (28) 0.38" x 19" production perfs, from 3152' to 3364'.

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Acidized Eumont perfs, from 3152' to 3364', with 6200 gal. of 15% MCA acid and 38 ball sealers, at an average treating rate of 5 BPM. TPmx = 2800 psi. ISIP = 532 psi. 2-min. SIP = 0 psi.

Ran and landed 2 3/8" O.D. tubing, at 3490'. Ran 2" x 1 1/4" x 12' RHAC inset pump and 3/4" rod string consisting of (134) 3/4" x 25' Axelson S-87 API Class-KD rods. Started pumping well, at 6.8 spm x 64" x 1 1/4". Over a 6-day test period, recovered 41 bbls of load water.

Performed pressure buildup. 72-hr. SICP = 92 psig.

Rigged up Halliburton. Performed CO₂ foam frac down casing-tubing annulus, from 3152' to 3364' (28 holes), utilizing 157, 029 gal. of gelled water and CO₂ plus a total of 350,000 lbs. of 20/40, 10/20, and 8/16 frac sand, at an average treating rate of 30 BPM and average treating pressure of 1922 psi. Maximum WHTP = 2304 psi.

Cleaned out wellbore, to 3546'. Landed 2 3/8" O.D. tubing, at 3490' RKB. Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class-KD rod string. Returned Eumont interval to active producing status, at 1:00 P.M., CDT, 5-31-01.

*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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

Agency Designation and Serial No.
LC 031621A

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name
2. Name of Operator Doyle Hartman	7. If Unit or CA, Agreement Designation
3. Address and Telephone No. 500 N. Main St., Midland, Texas 79701 (915) 684-4011	8. Well Name and No. H.M. Britt No. 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 1980' FEL (B) Section 7, T-20-S, R-37-E, NMPM	9. API Well No. 30-025-05992
	10. Field and Pool, or Exploratory Area Eumont (Y-7R-Qn) Gas
	11. County or Parish, State Lea Co., NM

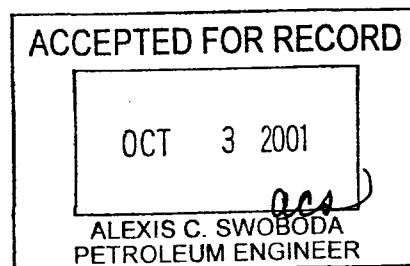
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair & cement repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other RETURN WELL TO BENEFICIAL USE
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" 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.)

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 pertinent to this work.)

In compliance with the BLM's notice of 7/24/00, the following well operations, as described on pages 1 of 14, 2 of 14, 3 of 14, 4 of 14, 5 of 14, 6 of 14, 7 of 14, 8 of 14, 9 of 14, 10 of 14, 11 of 14, 12 of 14, 13 of 14 and 14 of 14 (attached hereto), have been performed, to return the long shut-in-and-abandoned H. M. Britt No. 4 well to beneficial use.



14. I hereby certify that the foregoing is true and correct

Signed Steve Hartman Title Steve Hartman, Engineer Date 09/27/01
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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API No. 30-025-05992

DETAILS OF COMPLETED OPERATIONS

Moved in and rigged up well service unit.

Pulled and laid down (39) 7/8" x 25' rods, (105) 3/4" x 25' rods, and 2 1/2" x 2" x 16' RWBC pump.

Released anchor-catcher. Pulled old 2 7/8" O.D. tubing string.

116 jts 2 7/8" O.D., 6.5 lb/ft. EUE tubing	3614.56'
(1) 7" x 2 7/8" x 2.35' anchor-catcher	2.35'
1 jt 2 7/8" O.D., 6.5 lb/ft, EUE tubing	31.16'
(1) 2 7/8" EUE seating nipple	1.10'
(1) 2 7/8" O.D. x 3' EUE perforated nipple	3.00'
1 jt 2 7/8" O.D., 6.5 lb/ft, EUE tubing with bull plug on bottom	31.66'
<hr/>	
Total	3683.83'

Dug dirt out of bottom of concrete cellar. Replaced connections corresponding to 13 3/8" x 9 5/8" and 9 5/8" x 7" casingheads. Installed 2" risers back to surface.

Ran Baker 7" Model "C" RBP, 7" Model "C" packer, 112 joints of new 2 3/8" O.D., 4.7 lb/ft, J-55, EUE tubing, and 6' of 113th joint. Set 7" Model "C" RBP, at 3600', with 7" Model "C" packer at 3594'. Loaded tubing with 8 bbls of water (FL @ 2067'). Pressure tested 7" Model "C" RBP, to 2000 psi.

Released 7" Model "C" packer. Loaded 7" O.D. casing, with 2% KCL water.

Pressure tested 7" O.D. casing, from 0' to 3600', to 2500 psi. Pressure held okay.

While holding 2500 psi, on 7" O.D. casing, incrementally increased pressure on 9 5/8" O.D.

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intermediate casing. At a pressure of 1400 psi, commenced pumping into formation. Established a pump rate, down 9 5/8" O.D. casing, of 4 BPM, at 750 psi. ISIP = 650 psi. Shut in pressure, on 9 5/8" O.D. casing, held constant, at 650 psi. Observed no returns back up 13 3/8" O.D. casing.

Bled pressure off of 9 5/8" O.D. casing. Bled down pressure, on 7" O.D. casing, to 900 psi. Shut down for remainder of weekend. 39-hr SICP = 650 psi.

Pulled 7" Model "C" packer. Left 7" Model "C" RBP, at 3600'.

Rigged up Schlumberger. Logged well, from 2400' to 3600', with DS-CNL-GR-CCL (dated 6-11-01) and VDCBL-GR-CCL log (dated 6-11-01). Found top of cement, on outside of 7" O.D. casing, at 2465'.

Ran 2 3/8" O.D. tubing equipped with retrieving head. Pulled 7" Model "C" RBP. Finished logging well, from 3600' to 3715'.

Rigged up Capitan Corporation. Perforated 7" O.D. casing, from 3488' to 3627', with (18) 0.44" x 23" squeeze holes, with one shot each at:

3488'	3536'	3571'	3614'
3501'	3543'	3575'	3619'
3509'	3552'	3581'	3627'
3516'	3558'	3591'	
3528'	3563'	3602'	

Ran 2 3/8" O.D. tubing, 7" Model "C" RBP, and 7" Model "C" packer. Set 7" Model "C" RBP, at 3653.50'. Raised 7" Model "C" packer, to 3637'. Spotted acid across and above perfs, by pumping 750 gallons of 15% NEFE acid, followed by 12 bbls of 2% KCL water.

Raised and set packer, at 3100'. Allowed acid to soak, for 1 hour. Broke down perfs, at 1200 psi, at 1 BPM. Acidize perfs, from 3488' to 3627', with an additional 750 gallons (total of 1500 gal) of 15% NEFE acid, at an average treating rate of 3.5 BPM and average treating pressure of 1500 psi. $TP_{mx} = 1525$ psi.

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ISIP = 800 psi
1-min SIP = 600 psi
2-min SIP = 525 psi
4-min SIP = 225 psi
6-min SIP = 0 psi

Established an injection rate of 4 BPM, at 1550 psi.

Lowered packer. Latched onto RBP, at 3653'. Pulled 2 3/8" O.D. tubing, 7" Model "C" packer, and 7" Model "C" RBP.

Rigged up Capitan Corporation. Set Halliburton 7" EZ-Drill retainer, at 3378'.

Ran 2 3/8" O.D. tubing equipped with cementing stinger. Loaded 7" O.D. casing, with 58 bbls of water. Stung into retainer. Placed stinger into test position. Pressure tested 2 3/8" O.D. tubing, to 4500 psi. Pressured 7" x 2 3/8" annulus, to 500 psi.

Established an injection rate, of 5.9 BPM, at 1148 psi. Cemented squeeze perfs, from 3488' to 3686', with 1200 sx of API Class "C" neat cement, plus 300 sx of API Class "C" cement containing 2% CaCl_2 (344 bbls of total slurry). Final squeeze pressure was 1760 psi, at 2.1 BPM.

Pulled out of retainer. Backwashed excess cement.

Pulled 2 3/8" O.D. tubing and cementing stinger.

Loaded 7" O.D. casing. Pressured 7" O.D. casing, to 1000 psi.

Hooked up Halliburton. Cemented down 9 5/8" x 7" casing annulus, with 148 bbls of cement slurry consisting of 125 sx of API Class "C" cement containing 1.4% CaCl_2 , 1.5 lb/sx Gilsonite, and 0.13 lb/sx Flocele, followed by 300 sx of API Class "C" cement contained 3% CaCl_2 , 3 lb/sx Gilsonite, and 0.13 lb/sx Flocele, followed by 200 sx of API Class "C" neat cement. Displaced cement, at an average pump rate of 5.3 BPM, at 620 psi. ISIP = 424 psi. Observed no returns out 13 3/8" O.D. casing.

Released pressure on 7" O.D. casing. Rigged down Halliburton.

Ran 100 joints of 2 3/8" O.D. tubing and 186.07' bottom-hole drilling assembly, consisting of 6 1/4"

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bit and (6) 4 3/4" O.D. drill collars. Tagged retainer, at 3378'.

Hooked up reverse drilling equipment. Drilled cement (including 7" retainer), from 3378' to 3550'.

Tied reverse-drilling pump to 13 3/8" x 9 5/8" annulus. Could not pump down 13 3/8" x 9 5/8" annulus, at a pump-in pressure of 2000 psi.

Circulated hole clean. Pulled bottom-hole drilling assembly.

Rigged up welder. Welded new 7" O.D., 23 lb/ft tieback nipple, to flange-to-thread changeover, on top of 9 5/8" casinghead. Wrapped all exposed piping, with corrosion-resistant tape. Filled concrete cellar with redi-mix concrete.

Rigged up Capitan Corporation wireline truck. Perforated 7" O.D. casing, from 3289' to 3475', with (21) 0.44" x 23" squeeze holes, with one shot each, at:

3289'	3356'	3394'	3437'	3475'
3301'	3365'	3408'	3441'	
3305'	3382'	3411'	3444'	
3321'	3384'	3429'	3447'	
3349'	3391'	3431'	3461'	

Ran 2 3/8" O.D. tubing and Baker 7" Model "C" packer, to 3485'. Spotted acid across and above squeeze perfs, by pumping 500 gallons of 15% NEFE acid, followed by 12.3 bbls of 2% KCL water.

Raised and set packer, at 3110'. Allowed acid to soak, for 30 minutes. Acidized squeeze perfs, from 3298' to 3475' (21 holes), with an additional 300 gallons (total of 800 gal) of 15% NEFE acid, at an average treating rate of 3.2 BPM, and average treating pressure of 1025 psi. Flushed acid with 19.5 bbls of 2% KCL water.

ISIP = 350 psi
1-min SIP = 100 psi
2-min SIP = 0 psi

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Rigged up Halliburton. Pressured 7" x 2 3/8" casing-tubing annulus, to 1000 psi. Cemented squeeze perfs, from 3298' to 3475', with 700 sx of API Class "C" neat cement and 300 sx of API Class "C" cement, containing 2% CaCl₂, to a maximum squeeze pressure of 4016 psi.

Released squeeze pressure. Observed no backflow. Bled off casing pressure. Released packer. Raised and set packer, at 2971'. Pressured tubing, to 2000 psi. WOC for 18 hrs.

Pulled 2 3/8" O.D. tubing and 7" Model "C" packer.

Ran 186.07' bottom-hole drilling assembly equipped with new 6 1/4" bit and (6) 4 3/4" O.D. drill collars. Tagged top of cement, at 3146'. Drilled cement, from 3146' to 3691'.

Pulled 186.07' bottom-hole drilling assembly. Installed new 6 1/4" bit. Ran 186.07' bottom-hole drilling assembly, to 3715'. Drilled cement (including two retainers), from 3715' to 3814'. Pulled bottom-hole drilling assembly.

Rigged up Schlumberger. Logged hole, for second time, with DS-CNL-GR-CCL log (dated 6-20-01) and VDCBL-GR-CCL log (dated 6-20-01).

Rigged up Capitan Corporation wireline truck. Ran casing collar locator. Found bottom of 7" O.D. casing, at 3808'.

Ran and set Halliburton 7" EZ-Drill retainer, at 3760'.

Ran 2 3/8" O.D. tubing equipped with cementing stinger. Stung into retainer, but could not pump into previously-squeezed open-hole interval, at a surface pressure of 3000 psi. Pulled 2 3/8" O.D. tubing and cementing stinger.

Ran 186.07' bottom-hole drilling assembly, consisting of 6 1/4" bit and (6) 4 3/4" O.D. drill collars. Drilled on retainer, for 2 hrs, before slips relaxed.

Pushed remainder of retainer to 3814'. Circulated hole clean. Pulled 2 3/8" O.D. tubing and bottom-hole drilling assembly.

Rigged up casing crew. Ran 906.88' 5" O.D. liner, configured as follows:

(1) 5 1/2" x 7" TIW Type C setting collar	3.76'
(1) 5 1/2" x 7" TIW Type EJ-IB liner hanger	4.26'
(1) 5 1/2" x 5" Box x Pin crossover	1.72'
29 jts of 5" O.D., 15 lb/ft, J-55 casing equipped with (28) 7" x 5" slim-hole centralizers	877.80'
(1) TIW Type C-LF L-80 landing-float collar	1.14'
(1) 5" O.D., 15 lb/ft, J-55 pup joint	15.60'
(1) TIW Type-226 double-valve 5" O.D., 15 lb/ft, L-80 float shoe	2.60'
Total	906.88'

Established circulation, by pumping 60 bbls of water down tubing and around bottom of liner. Set top of liner at 2906', with bottom of liner at 3813', and landing-float collar at 3794'.

Cemented liner, with 75 sx of a 50-50 blend of API Class "C" cement and Pozmix "A", followed by 25 sx of API Class "C" neat cement, followed by 50 sx of API Class "C" cement containing 3 lb/sx Gilsonite and 0.25 lb/sx Flocele. Displaced cement, at 5 BPM, at 2000 psi. Plug down at 3:35 P.M., CDT, 6-22-01.

Released from liner. Pulled tubing and liner setting tool. Pressured 7" O.D. casing, to 750 psi, at 4:07 P.M., CDT. Released pressure, at 6:55 P.M., CDT.

Ran 186.07' large-bore bottom-hole drilling assembly, consisting of 6 1/4" bit and (6) 4 3/4" O.D. drill collars. Drilled relatively soft cement (from 7:50 P.M., CDT to 10:15 P.M., CDT, 6-22-01), to a depth of 2839'. Shut down for remainder of night.

Drilled hard cement, from 2839' to 2906' (top of liner), in 1.8 hours (37.2 ft/hr). Circulated hole clean. Pulled and laid down 186.07' large-bore bottom-hole assembly.

Ran 179.36' small-bore bottom-hole assembly, consisting of 4 1/4" bit, Baker 5" casing scraper, and (6) 3 1/8" O.D. drill collars. Drilled cement, from 2906' to 3793' (top of landing-float collar).

Circulated hole clean. Displaced hole with clean 2% KCL water.

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Rigged up Schlumberger. Ran followup VDCBL-GR-CCL log (dated 6-25-01). Bond log indicated possible questionable bonding between 7" O.D. casing and 5" O.D. liner.

Rigged up Cardinal Surveys. Ran base temperature log and base GR log.

Rigged up Capitan Corporation wireline truck. Perforated 5" O.D. liner, from 3555' to 3769', with (17) 0.38" x 19" squeeze holes, with one shot each, at:

3555'	3611'	3652'	3766'
3558'	3614'	3658'	3769'
3566'	3630'	3666'	
3572'	3643'	3728'	
3578'	3642'	3757'	

Ran Baker 5" Model "C" RBP and 5" Model "C" packer. Packer would not go below 3048'. Pulled 5" Model "C" packer and 5" Model "C" RBP.

Ran redressed 5" Model "C" packer, and 118 joints of 2 3/8" O.D. tubing, to 3771'. Spotted 400 gallons of 15% MCA acid across and above squeeze perfs.

Raised and set 5" Model "C" packer, at 3234'. Allowed acid to soak for 30 minutes. Acidized squeeze perfs, from 3555' to 3769', with an additional 2800 gallons (total of 3200 gallons) of 15% MCA acid and 24 ball sealers, at an average treating rate of 4.6 BPM. $TR_{mx} = 5.6$ BPM. $TR_{mn} = 3.6$ BPM.

$TP_{mx} = 3100$ psi (at ballout). $TP_{mn} = 1916$ psi.

ISIP = 1040 psi
1-min SIP = 720 psi
2-min SIP = 498 psi
3-min SIP = 220 psi
4-min SIP = 20 psi
5-min SIP = 0 psi

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While acidizing, tagged acid with short-half-life tracer material.

Rigged up Cardinal Surveys. Logged well with GR-Temp log. Found good treatment, of all squeeze perfs, with some acid also going below squeeze interval.

Rigged down Cardinal. Pulled 2 3/8" O.D. tubing and 5" Model "C" packer.

Rigged up Capitan Corporation. Set 5" EZ-Drill retainer, at 3543'. Capitan found fluid level at 1950'.

Ran 111 joints of 2 3/8" O.D. tubing and cementing stinger. Stung into retainer, at 3543'. After stinging into retainer, tubing went on a vacuum.

Pulled out of retainer. Loaded wellbore, with 50 bbls of 2 KCL water. Pressured tested 7" O.D. casing and 5" O.D. liner, from 0' to 3543', to 2560 psi. Pressure held okay.

Stung back into retainer. With stinger in test positions, tested 2 3/8" O.D. tubing, to 4600 psi. Pressure held okay.

Placed stinger into cementing position. Established an injection rate of 4.5 BPM, at 800 psi. Cemented squeeze perfs, from 3555' to 3679' (17 holes), with 600 sx of API Class "C" neat cement, followed by 100 sx of API Class "C" cement containing 2% CaCl₂, 3 lbs/sx Gilsonite, and 0.25 lb/sx Flocele. Final squeeze pressure was 4024 psi, at 1.4 BPM.

Pulled out of retainer. Backwashed cement from tubing. Pulled 2 3/8" O.D. tubing and cementing stinger.

Rigged up Cardinal Surveys. Ran GR-Temp log. Found top of cement, at 3522' (top of old channel behind 7" O.D. casing).

Rigged up Capitan Corporation. Perforated 5" O.D. liner, at 3292.5', with 1 9/16" casing punch, loaded with (2) 0.25" x 0.5" charges.

Ran and set 5" Model "C" packer, at 3265'. Checked integrity of cement, between 7" O.D. casing and 5" O.D. liner (at 3292.5'), by pressure testing wellbore, from 3265' to 3543', to 3500 psi. Observed no drop in pressure.

Pulled 5" Model "C" packer.

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Ran open-ended 2 3/8" O.D. tubing, to 3282'. Hooked up air unit. Blew hole dry. Pulled 2 3/8" O.D. tubing.

Rigged up Capitan Corporation wireline truck. Perforated 5" O.D. liner, from 3106' to 3294', with (29) 0.38" x 19" production holes, with one shot each, at:

3106'	3156'	3211'	3235'	3255'	3279'
3123'	3158'	3216'	3238'	3257'	3283'
3134'	3179'	3224'	3240'	3264'	3285'
3139'	3188'	3228'	3246'	3266'	3294'
3141'	3205'	3233'	3248'	3271'	

Ran 2 3/8" O.D. tubing and 5" Model "C" packer, to 3301'. Spotted acid across and above perfs, by pumping 150 gallons of 15% MCA acid, followed by 0.5 bbls of 2% KCL water. Allowed acid to fall and equalize.

Raised and set 5" Model "C" at 3025'. Pumped an additional 500 gallons of 15% MCA acid down 2 3/8" O.D. tubing. Allowed acid to soak for 30 minutes.

Hooked up Cardinal Surveys' tracer injection pump, to Halliburton's acid treatment line. Acidized well, from 3106' to 3294' (29 holes), with an additional 3950 gallons of 15% MCA acid and 33 ball sealers, at an average treating rate of 3.3 BPM and average treating pressure of 2918 psi. Flushed with 16.5 bbls of 2% KCL water. $TR_{mx} = 4.2$ BPM. $TR_{mn} = 0.2$ BPM.

ISIP = 1617 psi	5-min SIP = 441 psi
1-min SIP = 1438 psi	10-min SIP = 160 psi
2-min SIP = 1182 psi	15-min SIP = 21 psi
3-min SIP = 1031 psi	19-min SIP = 0 psi
4-min SIP = 600 psi	

While acidizing, observed the following treating pressures:

Page 11 of 14
BLM Form 3160-5 dated 9-27-01
Doyle Hartman
H.M. Britt No. 4
B-7-20S-37E
API No. 30-025-05992

<u>Balls on Formation</u>	<u>Wellhead Treating Pressure (psi)</u>
3	2963
6	3100
9	3252
12	3373
15	2838
18	2654
21	3059
24	2928
27	2612
29	2712
31	2479
33	2848

Rigged up Cardinal Surveys. Ran Gamma Trol treating log. Found that Queen interval (3106' to 3188') had received majority of acid treatment, with only the very upper portion of the Penrose (3202' to 3260') receiving a partial treatment.

Lowered 5" Model "C" packer, to 3312'. Spotted 150 gallons of 15% MCA acid across lower perms. Raised and set 5" Model "C" packer, at 3275' (above lower 4 perforations). Pumped down tubing, with an additional 175 gallons of 15 % MCA acid.

Set 5" Model "C" packer, at 3290' (above bottom perforation). Pumped 175 gallons of 15% MCA acid into bottom perf, at 3290'.

Page 12 of 14
BLM Form 3160-5 dated 9-27-01
Doyle Hartman
H.M. Britt No. 4
B-7-20S-37E
API No. 30-025-05992

Raised and set 5" Model "C" packer, at 3044'.

Rigged up Cardinal Surveys. Ran base temperature log.

Rigged up Halliburton. Tied Cardinal Surveys' tracer injection pump, into Halliburton's acid treatment line. Acidized perforations, from 3106' to 3294' (29 holes), with an additional 4000 gallons of 15% MCA acid and 39 ball sealers, at an average treating rate of 3.5 BPM and average treating pressure of 2670 psi. Dropped 12 ball sealers, at beginning of acid job. Flushed with 16.5 bbls of 2% KCL water. $TR_{mx} = 4.7$ BPM. $TR_{mn} = 3.0$ BPM.

ISIP = 1821 psi	5-min SIP = 837 psi
1-min SIP = 1656 psi	10-min SIP = 301 psi
2-min SIP = 1508 psi	15-min SIP = 121 psi
3-min SIP = 1295 psi	20-min SIP = 32 psi
4-min SIP = 1060 psi	22-min SIP = 0 psi

While acidizing well, observed the following treating pressures and ball action:

<u>Balls on Formation</u>	<u>Wellhead Treating Pressure (psi)</u>
12	
14	1600
16	2261
18	2311
20	2427
22	2373
24	2441
26	2636

Page 13 of 14
BLM Form 3160-5 dated 9-27-01
Doyle Hartman
H.M. Britt No. 4
B-7-20S-37E
API No. 30-025-05992

28	2640
30	2312
32	2900
34	2758
36	2950
39	2910

Rigged up Cardinal Surveys logging truck. Ran Gamma Trol Treating log. Log indicated that first 12 ball sealers shut off Queen interval (3106' to 3188'), with majority of 2nd acid treatment going into Penrose perforations, from 3205' to 3294'.

Pulled 2 3/8" O.D. tubing. Laid down 5" Model "C" packer.

Ran 2 3/8" O.D. tubing, to 3120'. Hooked up air unit. Unloaded water from hole. Landed 2 3/8" O.D. tubing, at 3478' (108 jts @ 31.96 ft/jt + 1.1' SN + 18' MA - 3' AGL + 10' KBC = 3477.78').

Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string, consisting of (138) 3/4" x 25' Axelson S-87 API Class "KD" rods, (1) 3/4" x 6' rod sub, (1) 1 1/4" x 16' polish rod.

Commenced pump testing well, at 6:30 P.M., CDT, 6-29-01.

Tested well, as follows:

7-20-01
Gas Rate = 82 MCFPD
Water Rate = 3.5 BPD
CP = 18.5 psi
OP = 18.5 psi
Orifice Plate = 0.375"

Shut in well, on 7-20-01, for pressure buildup. 62.25-hr SICP = 160 psi.

Moved well service unit back onto well. Removed 3" Balon 1500-psi production valves. Installed Halliburton 3" heavy-duty frac valves.

Page 14 of 14
BLM Form 3160-5 dated 9-27-01
Doyle Hartman
H.M. Britt No. 4
B-7-20S-37E
API No. 30-025-05992

Pulled rods and pump. Raised bottom of 2 3/8" O.D. tubing, to 2905' RKB (90 jts @ 31.96 ft/jt + 1.1' SN + 18' MA + 2' CBJ - 3' AGL + 10' KBC = 2904.5').

Shut in well. At 8:00 A.M., CDT, 7-24-01, SICP = 142 psi.

Rigged up Halliburton. Performed CO₂ foam frac down casing-tubing annulus, with 166,409 gal of gelled water and CO₂ plus a combined total of 350,000 lbs of 20/40, 10/20, and 8/16 frac sand.

Left well shut in for one hour. Hooked well up to blowdown tank. Cleaned up well (overnight), to blowdown tank.

Killed well with 20 bbls of 2% KCL water. Removed 3" heavy-duty frac valves. Installed 3" Balon 1500-psi production valves.

Lowered tubing. Tagged top of frac sand, at 3303'. Hooked up air units (3 units). Cleaned out frac sand, to 3543' (PBTD).

Raised bottom of tubing, to 3480'. Flowed well to blowdown tank, for one hour. Lowered tubing. Found no sand fill.

Raised and landed bottom of tubing, at 3446' RKB (107 jts @ 31.96 ft/jt + 1.1' SN + 18' MA - 3' AGL + 10' KBC = 3445.82'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string consisting of (136) 3/4" x 25' API Class "KD" rods, (1) 3/4" x 2' rod sub, (1) 3/4" x 4' rod sub, (1) 3/4" x 8' rod sub, and 1 1/4" x 16' polish rod.

Resumed cleaning up and testing well, at 6:40 P.M., CDT, 7-25-01.

Wellbore has now been repaired, tested, and returned to beneficial use, after being shut in and abandoned, for 29 years.

***See Instruction on Reverse Side**

OK - Holbs

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Doyle Hartman

3. Address and Telephone No.
500 N. Main St., Midland, Texas 79701 (915) 684-4011

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
~~1980' FNL & 1980' FWL~~ (F) Section 7, T-20-S, R-37-E, NMPM
660' FNL & 1980' FEL

5. Lease Designation and Serial No.
LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
H.M. Britt No. 4

9. API Well No. 05992
30-025-05972

10. Field and Pool, or Exploratory Area
Eunice Monument

11. County or Parish, State
Lea Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

(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 pertinent to this work.)

We plan to perform a casing integrity test on the subject well, and if necessary we will repair the casing. After testing casing and making any repairs (if needed), it is our intention to temporarily abandon subject well pending further evaluation. Due to rig and equipment availability we plan to commence work on or about May 1, 2001.

RECEIVED
2000 NOV 29 A 7:52
BUREAU OF LAND MGMT.
MIDLAND, NEW MEXICO

14. I hereby certify that the foregoing is true and correct

Signed Tricia Barnes Title Tricia Barnes, Production Analyst Date 11/27/00

(This space for Federal or State office use)

Approved by (1216 900) JOE G. LARA Title Production Analyst Date 12/27/2000
Conditions of approval, if any:

Title 18 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.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil
P.O. Box 194
Hobbs, NM 88401

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Doyle Hartman

3. Address and Telephone No.
P.O. Box 10426, Midland, TX 79702-7426

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1980' FEL (Unit B), Section 7, T-20-S, R-37-E

5. Lease Designation and Serial No.
LC-031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
H.M. Britt No. 4

9. API Well No.
30-025-05992

10. Field and Pool, or Exploratory Area
Eunice Monument

11. County or Parish, State
Lea County, NM

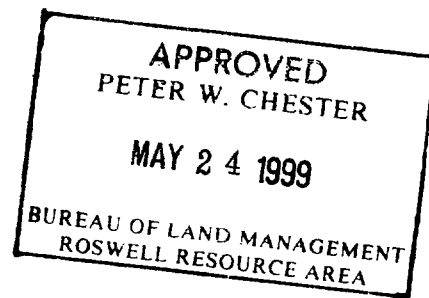
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

(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 pertinent to this work.)

1. Move in, rig up and pull tubing and packer.
2. Set retainer at +/- 3670'.
3. Load casing with non-corrosive fluid and test casing for integrity. Repair or P&A if necessary.
4. If the casing integrity is good then well will be temporarily abandoned in order to evaluate recompletion potential.



14. I hereby certify that the foregoing is true and correct

Signed Doyle Hartman Title Engineer Date 05/03/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co.
EO. 12812 1980
Hobbs, NM 88241

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Doyle Hartman, Oil Operator

3. Address and Telephone No.

P. O. Box 10426, Midland, TX 79702 915-684-4011

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

660' FNL & 1980' FEL (Unit B)
Section 7, T-20-S, R-37-E

5. Lease Designation and Serial No.
LC-031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H. M. Britt No. 4

9. API Well No.

30-025-05992

10. Field and Pool, or Exploratory Area
Eunice Monument

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)

We intend to recompleat this well to the Eumont Gas Pool using the folllwing procedure:

1. Clean out well to +/- 3800'
2. Set CIBP @ +/- 3800'
3. Integrity test casing and repair if necessary
4. Perforate and acidize Eumont
5. Install rod-pump equipment
6. Evaluate well for possible frac job

TA expired 4/3/95.
No CIT.

Pending rig and other equipment availability we plan to commence this work in the next 4 to 6 months.

Work must be completed within 6 months.
If not, a casing integrity test must be done
or well plugged and abandoned.

14. I hereby certify that the foregoing is true and correct

Signed Steve Hartman

Title Engineer

Date 09/22/97

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date OCT 15 1997

Conditions of approval, if any:

RECEIVED
1997 SEP 24 A 8:36
BUREAU OF LAND MGMT.
HOBBS, NEW MEXICO

3160-5
(1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
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

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Doyle Hartman, Oil Operator

Address and Telephone No.

P. O. Box 10426, Midland, TX 79701 (915) 684-4011

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

660' FNL & 1980' FEL (Unit B)
Section 7, T-20-S, R37-E

5. Lease Designation and Serial No.

LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H. M. Britt #4

9. API Well No.

30-025-05992

10. Field and Pool, or Exploratory Area

Eunice Monument

11. County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other *Casing Integrity Test*
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 markers and zones pertinent to this work.)

In October and November, 1996, Doyle Hartman performed remedial work on the H. M. Britt Nos. 3 & 12 in G&C-7-20S-37E respectively, and we plan to do more work to the 320-acre H. M. Britt lease in order to make it more productive. The wellbore is a candidate to be recompleted and stimulated to the Eumont Gas Pool. We respectfully request to leave the well Temporarily Abandoned pending further evaluation.

RECEIVED

MAR 20 '97

ROSVILLE, NM

BUREAU OF LAND MGMT
HOBBS, NM

MAR 18 12 09 PM '97

RECEIVED

I hereby certify that the foregoing is true and correct

Signed *Steve Hartman*

Title Engineer

Date 3-17-97

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS

Title PETROLEUM ENGINEER

Date MAR 25 1997

Conditions of approval, if any:

18 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.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instruction on Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87418
District IV
PO Box 2083, Santa Fe, NM 87504-2083

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address DOYLE HARTMAN 500 N. Main Midland, Texas 79701		OGRID Number 6473
		Reason for Filing Code CH 7/1/96
API Number 30 - 0 25-05992	Pool Name Eunice Monument EB/SA	Pool Code 23000
Property Code 19147	Property Name Britt	Well Number 4

II. Surface Location

UL or lot no. B	Section 7	Township 20S	Range 37E	Lot Idn	Feet from the 660	North/South Line FNL	Feet from the 1980	East/West line FEL	County Lea
--------------------	--------------	-----------------	--------------	---------	----------------------	-------------------------	-----------------------	-----------------------	---------------

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lac Code F	Producing Method Code Shut-In	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

IV. Produced Water

POD	POD ULSTR Location and Description
-----	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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. Signature: Don Mashburn Printed name: Don Mashburn Title: Engineer Date: 7-1-96		OIL CONSERVATION DIVISION Approved by: Jerry Smith Title: DISTRICT 1 SUPERVISOR Approval Date: JUL 12 1996 Phone: (915) 684-4011	
--	--	--	--

If this is a change of operator fill in the OGRID number and name of the previous operator - Previous Operator Signature: Paul M. Callaway Printed Name: Paul M. Callaway Title: Production Supr. Date: 7/10/96			
---	--	--	--

orm 3160-5
nne, 1990y N DIVISION
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED

22 AM 8 52 SUNDY NOTICES AND REPORTS ON WELLS JUL 17 8 47 AM '95
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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
MERIDIAN OIL INC.

3. Address and Telephone No.
P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 7, T20S, R37E
660' FNL & 1980' FEL

5. Lease Designation and Serial No.

LC031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Britt Federal 4

9. API Well No.
30-025-05992

10. Field and Pool, or exploratory Area

Sunrise Monument
11. County or Parish, State
LEA NM

12. 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 STATUS
	<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 markers and zones pertinent to this work.)*

Meridian Oil Inc. had plans to recomple/stimulate well and return to production, however, questions were arisen by the former operator concerning interest. Presently working to resolve these questions. Will advise at later date

ACCEPTED FOR REGISTRATION

J. Lara
1995

TA
Approved
EXP 4/95

RECEIVED
JUL 6 4 30 PM '95
BUREAU OF LAND MANAGEMENT
HOBBS, NM

14. I hereby certify that the foregoing is true and correct

Signed 

Title REGULATORY ASSISTANT

Date 7/5/95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 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.

* See Instruction on Reverse Side

OIL CONSERVATION DIVISION
RECEIVED

Form 3160-5

June 1995

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION

P.O. BOX 1980

NEW MEXICO 88240

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BRITT

NO. 4

9. API Well No.

30-025-05992

10. Field and Pool, or exploratory Area

EUNICE MONUMENT

11. County or Parish, State

LEA

NM

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

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

SEC. 7, T20S, R37E
660' FNL & 1980' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

STATUS

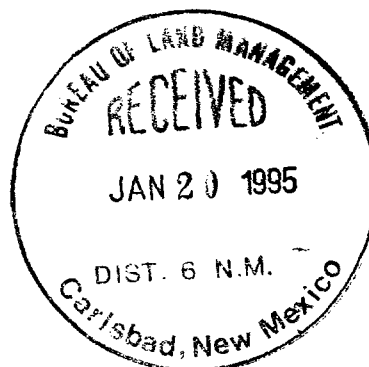
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

REQUEST CONTINUED SHUT IN STATUS. THIS WELL IS TENTATIVELY SCHEDULED TO BE PLUGGED BUT THIS WILL NOT OCCUR UNTIL 1995.

APPROVED FOR 1 MONTH PERIOD
ENDING 4/3/95



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title REGULATORY ASSISTANT Date 1/9/95

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Title PETROLEUM ENGINEER

Date 3/3/95

Conditions of approval, if any:

by ending date submit a procedure to plug & abandon the well.

Title 18 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.

* See Instruction on Reverse Side

OIL CONSERVATION DIVISION
RECEIVED

Form 3160-5
(June 1990)

APR 18 AM 8 50

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710

915-688-6943

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

NW/NE OF SEC. 7, T20S, R37E

660' N / 1980' E

5. Lease Designation and Serial No.

NMLC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. BRITT # 4

9. API Well No.

30-025-0599200

10. Field and Pool, or Exploratory Area

EUNICE MONUMENT

11. County or Parish, State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other STATUS
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

THIS WELL IS PRESENTLY BEING PREPARED TO BE PLUGGED AND ABANDONED. PACKAGE IS PRESENTLY BEING ROUTED FOR APPROVAL.

14. I hereby certify that the foregoing is true and correct

Signed

DONNA WILLIAMS

Title PRODUCTION ASSISTANT

Date 1/7/94

(This space for Federal or State office use)

Approved by

(OPIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

3/28/94

Conditions of approval, if any:

within 90 days submit a procedure to plug and abandon the well.

Title 18 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.

*See instruction on Reverse Side

District I
PO Box 1900, Hobbs, NM 88241-1900

District II

PO Drawer D2, Artesia, NM 88211-4719

District III

1000 Rio Bruma Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Meridian Oil Inc. P.O. Box 51810 Midland, Texas 79710-1810		OGRID Number 26485
		Reason for Filing Code CH, effective 9/1/91
API Number 30 - 0 25-0599200	Pool Name Eumont Yts, 7Rvrs, Qn	Pool Code
Property Code	Property Name Britt	Well Number 4

II. Surface Location

UL or lot no. B	Section 7	Township 20S	Range 37E	Lot Idn	Feet from the 660	North/South Line North	Feet from the 1980	East/West Line East	County Lea
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

Bottom Hole Location

UL or lot no. Same as Surface	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lea Code F	Producing Method Code N/A - Well is	Gas Connection Date shut in	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

IV. Produced Water

POD	POD ULSTR Location and Description
-----	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PSTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	OIL	Flow Rate	Gas	AOF	Test Method

I hereby certify that the rules 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.

Signature:

Printed name:
Donna Williams

Title: Production Assistant

Date: 4/18/94

Phone: 915-688-6943

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

DISTRICT 1 SUPERVISOR

APR 28 1994

If this is a change of operator fill in the OGRID number and name of the previous operator

Doyle Hartman

Previous Operator Signature

Printed Name

Title

Date

Form 3160-5
(June 1990)
CONSERVATION DIVISION
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. BRITT # 4

9. API Well No.

10. Field and Pool, or Exploratory Area
EUMONT YTS 7RVR QN

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710

915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 7, T20S, R37E

660' FNL & 1980' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF OPERATOR R

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(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 pertinent to this work.)*

CHANGE OF OPERATOR. DOYLE HARTMAN - PREVIOUS OPERATOR. SOLD TO MERIDIAN OIL INC..

EFFECTIVE 9/1/91.

ACCEPTED FOR RECORD

OCT 26 1993
SJS

CARLSBAD, NEW MEXICO

14. I hereby certify that the foregoing is true and correct

Signed

DONNA WILLIAMS

Title PRODUCTION ASSISTANT

Date 9/30/93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 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.

*See Instruction on Reverse Side

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION
RECEIVED
91 APR 15 AM 10 44

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Doyle Hartman		Well API No. 30-025-05992
Address P. O. Box 10426, Midland, Texas 79702		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	WELL TA'D BY UTP
If change of operator give name and address of previous operator Union Texas Petroleum Corp., P. O. Box 2120, Houston, TX 77252-2120		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Britt	Well No. 4	Pool Name, Including Formation Eunice Monument (Gbg-SA)	Kind of Lease State, <u>Federal</u> or Fee	Lease No. LC031621A
Location Unit Letter <u>B</u> : <u>660'</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>7</u> Township <u>20S</u> Range <u>37E</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> None	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	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

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

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	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, 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		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (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.)

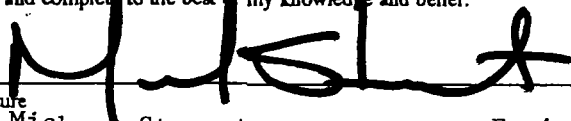
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

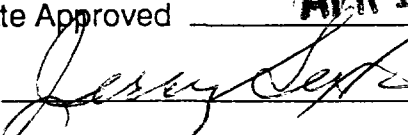
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Signature 
Printed Name Michael Stewart Engineer
Date 4-2-91 Telephone No. 915/684-4011

OIL CONSERVATION DIVISION

Date Approved APR 11 1991
By 
Title DISTRICT SUPERVISOR

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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

Lease Designation and Serial No.
LC-031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.M. Britt No. 11

9. API Well No.

30-025-05998

10. Field and Pool, or Exploratory Area

Eumont (Y-7R-Qn)

11. County or Parish, State

Lea Co., NM

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Doyle Hartman

3. Address and Telephone No.

500 N. Main St., Midland, Texas 79701 (915) 684-4011

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

1650' FNL & 1650' FWL (G) Section 7, T-20-S, R-37-E, NMPM

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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

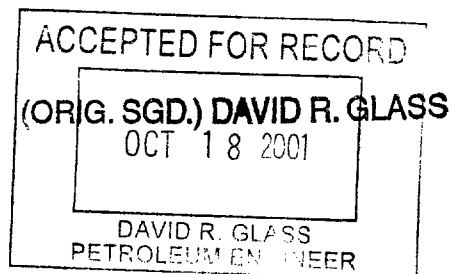
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☒ Casing Repair & Cement Repair
☐ Altering Casing
☒ Other RETURN WELL TO BENEFICIAL USE
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☒ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

In compliance with the BLM's notice of 7-24-00, the following well operations, as described on pages 2 of 9, 3 of 9, 4 of 9, 5 of 9, 6 of 9, 7 of 9, 8 of 9, and 9 of 9 (attached hereto), have been performed, to repair wellbore, and return, to beneficial use, the 32-year shut-in-and-abandoned H. M. Britt No. 11 well.

Approval Subject To Keeping Well On Continuous Production.



14. I hereby certify that the foregoing is true and correct

Signed Steve Hartman

Title Steve Hartman, Engineer

Date 10/02/01

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 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.

*See Instruction on Reverse Side

20 Mon... and Blin...brv

DETAILS OF COMPLETED OPERATIONS

Moved in dirt contractor. Knocked down Mesquite. Filled in gully around wellhead. Rebuilt location.

Moved in and rigged up well service unit, on 7-26-01. Pulled and laid down 106 jts (3370') of old 2 3/8" O.D. tubing, and Baker 5 1/2" Model "R" packer.

Ran new 2 3/8" O.D. tubing and 5 1/2" casing scraper. Tagged up, at 3565' (TOC @ 3610'). Pulled 5 1/2" casing scraper.

Ran bottom-hole drilling assembly, consisting of 4 3/4" cone bit and (6) 3 1/2" O.D. drill collars.

Hooked up air units. Drilled out cement, from 3610' to 3641'. Bit fell free, at 3641'. Cleaned out wellbore, to 4004'. While circulating down (below 3641'), well initially flowed water, with show of gas. Pulled 14 jts of 2 3/8" O.D. tubing. Shut down for night. SICP = 16 psig, at 8:00 a.m., 7-28-01.

Blew well down. Pulled bottom-hole drilling assembly.

Ran 5 1/2" casing scraper, to 4004'. While on bottom, hooked up air units. Circulated wellbore, with air, to blowdown tank. Pumped 66 bbls of 2% KCL water down 2 3/8" O.D. tubing. Pulled 2 3/8" O.D. tubing.

Hooked up Schlumberger. Logged well with DS-CNL-GR-CCL log and VDCBL-GR-CCL log.

Ran into hole with 2 3/8" O.D. tubing, 5 1/2" Model "C" packer, and 5 1/2" Model "C" RBP. Set 5 1/2" Model "C" RBP, at 3612'. Tested 5 1/2" Model "C" RBP, to 1000 psi.

Pulled and laid down 1 jt of tubing. Spotted 250 gallons of 15% NEFE acid, from 3350' to 3600'. Raised 5 1/2" Model "C" packer, to 3323'. Let acid soak, for 30 minutes.

Acidized all casing holes and perfs, from 3331' to 3670', with an additional 750 gallons (total of 1,000 gallons) of 15% NEFE acid, at an average treating rate of 4.8 BPM and average treating pressure of 270 psi. Displaced acid with 19 bbls of 2% KCL water.

Pulled and laid down 5 1/2" Model "C" RBP.

Ran and set 5 1/2" Model "C" packer, at 3255'. Pressured 5 1/2" x 2 3/8" casing-tubing annulus to 1000 psi. Cemented perms and casing holes, from 3331' to 3670', with a total of 1250 sx of cement, consisting of 1050 sx of API Class "C" Neat cement, 100 sx of API Class "C" cement containing 2% CaCl₂, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele and 100 sx of API Class "C" cement containing 3% CaCl₂, 3lb/sx Gilsonite, and 0.25 lb/sx Flocele. Final displacement rate was 0.5 BPM, at 3680 psi.

Raised 5 1/2" Model "C" packer, to 2588'. Pressured 2 3/8" O.D. tubing to 2000 psi. Pressured 5 1/2" x 2 3/8" casing-tubing annulus to 1000 psi.

Hooked up Halliburton, to 13 3/8" x 8 5/8" casing annulus. Pressured 13 3/8" x 8 5/8" casing annulus to 1600 psi, before pressure broke. Performed injectivity test down 13 3/8" x 8 5/8" annulus, at 2 BPM, at 1000 psi.

Cemented down 13 3/8" x 8 5/8" annulus, at 2 BPM, at 800 psi, with 100 sx of API Class "C" cement containing 3% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele, followed by 200 sx of API Class "C" Neat cement. ISIP = 450 psi. Closed casing valve. Rigged down Halliburton.

WOC overnight. Released pressure on 2 3/8" O.D. tubing and 5 1/2" x 2 3/8" casing-tubing annulus. Pulled and laid down 5 1/2" Model "C" packer.

Ran 2 3/8" O.D. tubing and bottom-hole drilling assembly, consisting of 4 3/4" bit and (6) 3 1/2" O.D. drill collars. Tagged top of cement, at 3233'. Drilled 228' of cement, from 3233' to 3461', in 3.33 hrs (67.6 ft/hr). WOC overnight. Temporarily ceased drilling, at 3461', to provide more time for cement to harden.

Using reverse-circulation pump, pressure tested 5 1/2" O.D. casing, to 1500 psi. Pressure broke back to 1200 psi. Pulled bottom-hole drilling assembly.

Ran and set 5 1/2" Model "C" packer, at 2841'. Pressured 5 1/2" O.D. casing-tubing annulus, from 0' to 2841', to 2650 psi. Pressure held okay.

Lowered 5 1/2" Model "C" packer, to 3331'. Pressure tested 5 1/2" O.D. casing, from 0' to 3331', to 2500 psi. Pressure held okay. Moved 5 1/2" Model "C" packer, to 3357'. Pressured 5 1/2" O.D. casing, from 0' to 3357', to 2500 psi. Lost 600 psi, in one minute (leak between 3331' and 3357').

Pressure 2 3/8" O.D. tubing, to 3000 psi. Lost 275 psi, in one minute.

Page 4 of 9
BLM Form 3160-5 dated 10-02-01
Doyle Hartman
H.M. Britt No. 11
G-7-20S-37E
API No. 30-025-05998

Pulled 5 ½" Model "C" packer.

Ran bottom-hole drilling assembly. Drilled cement, from 3461' to 3500', in 1.72 hrs (22.7 ft/hr). Circulated hole clean. Pulled bottom-hole drilling assembly.

Ran 2 3/8" O.D. tubing and 5 ½" Model "C" packer, to 3461'. Spotted 150 gal, of 15% NEFE acid, from 3300' to 3461'. Raised and set 5 ½" Model "C" packer, at 3255'. Let acid soak, for 30 minutes. Pumped down 2 3/8" O.D. tubing. Pressure broke, at 1650 psi. Pumped away acid, at 4.2 BPM, at 900 psi.

Raised and set 5 ½" Model "C" packer, at 3161'. Pressured 5 ½" x 2 3/8" annulus to 500 psi. Squeeze cemented, from 3331' to 3500', with 1000 sx of API Class "C" Neat cement and 300 sx of API Class "C" cement, containing 2% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele. Displaced cement with 17 bbls of 2% KCL water.

ISIP = 2430 psi
5-min SIP = 2210 psi
10-min SIP = 2145 psi
15-min SIP = 1970 psi

Pumped an additional 0.3 bbls of 2% KCL water. Pressure increased to 4180 psi. Released tubing pressure. Observed no flowback. Raised packer to 2651'. Pressured 2 3/8" O.D. tubing to 3000 psi. Placed 1000 psi on 5 ½" x 2 3/8" annulus. Shut down for weekend.

Ran 2 3/8" O.D. tubing and bottom-hole assembly, consisting of 4 3/4" O.D. bit and (6) 3 ½" O.D. drill collars. Tagged top of cement, at 3050'.

Due to rig shortage, rigged down well service unit. Temporarily moved rig to Britt-Laughlin No. 1 well, for a pump replacement and sand cleanout.

Moved well service unit back onto well, on 8-8-01. Drilled hard cement, from 3030' to 3375'. Circulated hole clean. Pressure tested 5 ½" O.D. casing, to 1000 psi. Pressure held okay. Increased pressure, to 1500 psi. Lost 125 psi, in 5 minutes.

Repaired surface leaks. Pressure tested 5 ½" O.D. casing, to 2000 psi. Lost 675 psi (to 1325 psi) in 10 minutes.

Page 5 of 9
BLM Form 3160-5 dated 10-02-01
Doyle Hartman
H.M. Britt No. 11
G-7-20S-37E
API No. 30-025-05998

Pulled bottom-hole drilling assembly.

Ran 5 ½" Model "C" packer, to 3382'. Spotted 250 gal of 15% NEFE acid, from 3132' to 3382'. Raised 5 ½" Model "C" packer, to 3130'. Let acid soak, for 30 minutes. Pumped away acid, at 3.9 BPM, at 2150 psi.

Raised and set 5 ½" Model "C" packer, at 3002'. Pressure tested 5 ½" O.D. casing, from 0' to 3002', to 2500 psi, for 1 hr. Pressure held okay.

Rigged up Halliburton. Squeeze cemented casing hole, from 3331' to 3370', with 200 sx of API Class "C" Neat cement, followed by 200 sx of API Class "C" cement containing 2% CaCl₂, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele. Final squeeze pressure was 4280 psi, at 1.0 BPM. After shutting down, lost 20 psi, from 4280 psi to 4260 psi, in 5 minutes.

Reversed excess cement from 2 3/8" O.D. tubing. Raised 5 ½" Model "C" packer, to 2809'. Pressured 2 3/8" O.D. tubing to 2500 psi. Pressured 5 ½" x 2 3/8" annulus to 1000 psi. WOC overnight.

Pulled and laid down 5 ½" Model "C" packer. Ran bottom-hole drilling assembly, consisting of 4 3/4" cone bit and (6) 3 ½" O.D. drill collars. Drilled 295' of cement, from 3006' to 3301', in 4.25 hrs (69.4 ft/hr). Shut down for remainder of day, to allow more time for remainder of cement to harden.

Drilled cement, from 3301' to 3435' (134'), in 2.87 hrs (46.7 ft/hr.) Pressure tested 5 ½" O.D. casing, from 0' to 3435', to 2000 psi, for 10 minutes, with no drop in pressure.

Rigged up air unit. Unloaded water from hole. Pulled and laid down bottom-hole drilling assembly.

Dumped 1650 lbs of 20/40 frac sand down 5 ½" O.D. casing. Ran 2 3/8" O.D. tubing. Found top of sand, at 3320' (above casing hole). Pulled 2 3/8" O.D. tubing.

Rigged up Capitan Corporation wireline truck.

Perforated well, with a total of (29) 0.38" x 19" holes, with one shot each, at:

3081	3132	3169	3239	3263	3283
3088	3135	3214	3242	3270	3285
3094	3145	3217	3248	3272	3296
3114	3148	3224	3250	3276	3298
3116	3151	3228	3255	3281	

Ran 2 3/8" O.D. tubing and Baker 5 1/2" Model "C" packer, to 3320'. Spotted acid across and above perfs, from 3213' to 3298', by pumping 150 gal of 15% MCA acid, followed by 0.5 bbls of 2% KCL water. Allowed acid to fall and equalize.

Raised and set packer, at 3190'. Pumped an additional 200 gal, of 15% MCA acid, down 2 3/8" O.D. tubing. Let acid soak, for 30 minutes.

Acidized perfs, from 3213' to 3398' (18 holes), with an additional 3250 gal (total of 3600 gal), of 15% MCA acid and 24 ball sealers, at an average treating rate of 4.0 BPM and average treating pressure of 1940 psi. Flushed acid with 17 bbls of 2% KCL water. $TP_{mx} = 2700$ psi (at ballout). $TP_{bd} = 1600$ psi (at 4.3 BPM). ISIP = 302 psi. 2-min SIP = 0 psi.

Surged off ball sealers. Pumped away remaining 688 gal, of 15% MCA acid, at 4.4 BPM, at 1235 psi.

Pulled 2 3/8" O.D. tubing and 5 1/2" Model "C" packer.

Ran 2 3/8" O.D. tubing, 5 1/2" Model "C" packer, and 5 1/2 Model "C" RBP. Set 5 1/2" Model "C" RBP, at 3190'. Spotted acid across and above upper perfs, from 3081' to 3169' (11 holes), by pumping 82 gal of 15% MCA acid, followed by 0.5 bbls of 2% KCL water. Allowed acid to fall and equalize.

Raised and set 5 1/2" Model "C" packer, at 3035'. Pumped an additional 200 gal, of 15% MCA acid, down 2 3/8" O.D. tubing. Let acid soak, for 35 minutes.

Acidized perfs, from 3081' to 3169' (11 holes), with an additional 2116 gal (total of 2400 gal), of 15% MCA acid, and 16 ball sealers, at 2.5 BPM, at 2500 psi. Flushed acid, with 17 bbls of 2% KCL water. $TP_{mx} = 2700$ psi (at ballout). $TP_{bd} = 2480$ psi (at 0.8 BPM).

Page 7 of 9
BLM Form 3160-5 dated 10-02-01
Doyle Hartman
H.M. Britt No. 11
G-7-20S-37E
API No. 30-025-05998

ISIP = 1539 psi
5-min SIP = 203 psi
8-min SIP = 0 psi

While acidizing, observed the following treating pressures and ball action.

<u>Balls on Formation</u>	<u>Acid Pumped (Gal)</u>	<u>Rate (BPM)</u>	<u>WHTP (psi)</u>
3	1050	2.6	2480
6	1260	2.6	2510
9	1470	2.6	2500
12	1680	2.6	2700 (ballout)

Released 5 1/2" Model "C" packer. Hooked up air unit. Unloaded fluid from hole.

Pulled 5 1/2" Model "C" packer and 5 1/2" Model "C" RBP. Shut down for night.

SICP = 118 psig, at 8:00 a.m., CDT, 8-17-01.

Ran and landed 2 3/8" O.D. tubing, at 3290' RKB (101 jts @ 32.16 ft/jt + (2) 2 3/8" x 8' subs + 1.1' SN + 18' MA - 2' AGL + 10' KBC = 3290.16').

Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string, consisting of (130) 3/4" x 25' Axelson S-87 API Class "KD" rods, (1) 3/4" x 2' rod sub, and (1) 3/4" x 8' rod sub. Started pumping and cleaning up well, at 1:30 p.m., CDT, 8-17-01, at 8.5 x 64 x 1 1/4.

Page 8 of 9
BLM Form 3160-5 dated 10-02-01
Doyle Hartman
H.M. Britt No. 11
G-7-20S-37E
API No. 30-025-05998

Performed well test:

9-5-01		
Gas Rate	=	120 MCFPD
Water Rate	=	1.66 BPD
CP	=	21.9 psi
LP	=	21.2 psi

Shut in well, on 9-7-01, for pressure buildup. 32.5-hr SICP = 168 psig.

Rigged up well service unit. Pulled rods and pump. Lowered tubing. Tagged top of frac sand, at 3314'. Raised and landed bottom of tubing, at 3051' (94 jts @ 32.16 ft/jt + 1.1' SN + 18' MA + 2' CBJ - 3' AGL + 10' KBC = 3051.14').

Installed Halliburton 3 1/2" heavy-duty frac valves, on 5 1/2" x 2 3/8" casing-tubing annulus. Made up flowing wellhead assembly.

Rigged up Halliburton. Performed CO₂ foam frac down casing-tubing annulus, with 164,139 gal of gelled water and CO₂, plus a combined total of 350,000 lbs of 20/40, 10/20, and 8/16 frac sand, at an average treating rate of 27.9 BPM and average WHCP of 1993 psi. Static tubing pressure = 1551 psi.

Left well shut in, for one hour. Hooked up well, to blowdown tank. Flowed well to blowdown tank, for 10 hours.

Hooked up air unit. Cleaned out wellbore, to 3435' (PBTD). Flowed well to blowdown tank, through 2" flowline, for an additional 8 hours. FCP = 37 psig. FTP = 152.5 psig.

Lowered 2 3/8" O.D. tubing. Found no additional sand fill. Raised and landed bottom of tubing, at 3368' RKB (104 jts @ 32.16 ft/jt + 1.1' SN + 18' MA - 3' AGL + 10' KBC = 3367.7').

Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" rod string, consisting of (134) 3/4" x 25' Axelson S-87 API Class "KD" rods, (1) 3/4" x 4' rod sub, 1 1/4" x 16' polish rod. Resumed pumping and cleaning up well, at 1:30 p.m., CDT, 9-12-01, at 8.5 spm x 64" x 1 1/4".

Moved off Lufkin C-114-143-64 pumping unit. Installed Lufkin C-228-213-100 pumping unit equipped with 30-hp NEMA "D" motor.

Page 9 of 9
BLM Form 3160-5 dated 10-02-01
Doyle Hartman
H.M. Britt No. 11
G-7-20S-37E
API No. 30-025-05998

Rigged up well service unit. Pulled 2" x 1 1/4" x 12' RHAC top-hold-down insert pump. Ran 2" x 1 1/2" x 16' RWBC bottom-hold-down insert pump. Resumed pumping and cleaning up well, on 9-17-01, at 8.9 spm x 100" x 1 1/2".

Performed well test:

		9-30-01
Gas Rate	=	460 MCFPD
Water Rate	=	138.6 BWPD
Choke	=	32/128
CP	=	141 psig
LP	=	19.7 psig
CO ₂	=	8%
Test Period	=	24 hrs.

In compliance with the BLM's notice of July 24, 2000, the 32-year shut-in-and-abandoned Britt No. 11 wellbore has now been repaired, tested, and returned to beneficial use.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1625 N. French Drive
Hobbs, NM 88240

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

5. Lease Designation and Serial No.
LC031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.M. Britt No. 11

9. API Well No.

30-025-05998

10. Field and Pool, or Exploratory Area

Monument Blinbry

11. County or Parish, State

Lea County, New Mexico

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Doyle Hartman

3. Address and Telephone No.

500 N. Main St., Midland, Texas 79701 (915) 684-4011

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

1650' FNL & 1650' FEL, Sec. 7, T-20-S, R-37-E, (G)

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

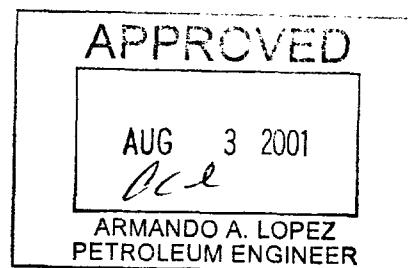
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perform Remedial Work

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

Please see attached list of proposed well work.



14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Engineer

Date 07/27/01

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any:

Title

Date

Proposed Well Work

In compliance with the BLM's notice of July 24, 2000, and, in followup, to our 3160-5, dated November 27, 2000 (approved December 27, 2000), we hereby propose the following well work, corresponding to the long-abandoned H.M. Britt No. 11 well.

1. Rebuild highly eroded well location, for safe accommodation of well service unit.
2. Move in and rig up well service unit.
3. Pull and lay down corroded and defective tubing.
4. Clean out wellbore, to PBTD of 3610'.
5. Rig up Schlumberger. Log well with VDCBL-GR-CCL log and DS-CNL-GR-CCL log.
6. Squeeze cement, as indicated necessary (by VDCBL-GR-CCL log), including all currently non-squeezed non-producing perfs.
7. Drill out cement.
8. Perform casing integrity test.
9. Based upon results of newly run well logs,
 - A. Return well to beneficial use, to protect lease gas reserves, from off-lease water encroachment; or
 - B. Abandon well, in accordance with NMOCD Order R-9210.

OLA - Hobbs

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Doyle Hartman

3. Address and Telephone No.
500 N. Main St., Midland, Texas 79701 (915) 684-4011

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FNL & 1650' FEL (G) Section 7, T-20-S, R-37-E, NMPM

5. Lease Designation and Serial No.
LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
H.M. Britt No. 11

9. API Well No.
30-025-05998

10. Field and Pool, or Exploratory Area
Monument Blinebry

11. County or Parish, State

Lea Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Temp. Abandonment & Casing Integrity Test
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

We plan to perform a casing integrity test on the subject well, and if necessary we will repair the casing. After testing casing and making any repairs (if needed), it is our intention to temporarily abandon subject well pending further evaluation. Due to rig and equipment availability we plan to commence work on or about May 1, 2001.

RECEIVED
2000 NOV 29 A 8:10
BUREAU OF LAND MGMT
HOBBS, NEW MEXICO

14. I hereby certify that the foregoing is true and correct

Signed Tricia Barnes *sa*

Title Tricia Barnes, Production Analyst

Date 11/27/00

(This space for Federal or State office use)

Approved by (OPM) MFC LARA

Title Debra Ann Tamm

Date 12/27/2000

Conditions of approval, if any:

Title 18 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.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil
P.O. Box
Hobbs, NM 88401

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

5. Lease Designation and Serial No.
LC-031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.M. Britt No. 11

9. API Well No.

30-025-05998

10. Field and Pool, or Exploratory Area

Monument Blinberry

11. County or Parish, State

Lea County, NM

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.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Doyle Hartman

3. Address and Telephone No.

P.O. Box 10426, Midland, TX 79702-7426

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

1650' FNL & 1650' FEL (Unit G), Section 7, T-20-S, R-37-E

BUREAU OF LAND MGMT.
HOBBS, NEW MEXICO

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

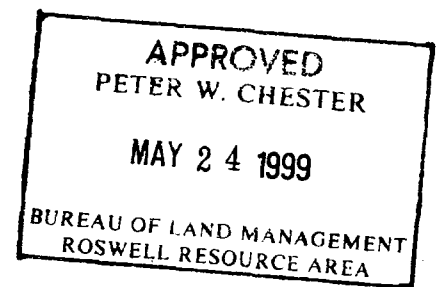
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Test Casing / Temporarily Abandon

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)

1. Load casing with non-corrosive fluid and test casing for integrity. Repair or P&A if necessary.
2. If the casing integrity is good then well will be temporarily abandoned in order to evaluate recompletion potential.



14. I hereby certify that the foregoing is true and correct

Signed Peter W. Chester Title Engineer Date 05/03/99
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Corp.
1980
Hobbs, NM 88241

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
Doyle Hartman, Oil Operator
3. Address and Telephone No.
P. O. Box 10426, Midland, TX 79702 915-684-4011
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FNL & 1650' FEL (Unit G)
Section 7, T-20-S, R-37-E

5. Lease Designation and Serial No.
LC-031621A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
H. M. Britt No. 11
9. API Well No.
30-025-05998
10. Field and Pool, or Exploratory Area
Monument Blinbry
11. County or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" 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 type="checkbox"/> Other
	<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.)

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 pertinent to this work.)

We intend to recomplete this well to the Eumont Gas Pool using the following procedure:

1. Clean out well to +/- 3800'
2. Set CIBP @ +/- 3800'
3. Integrity test casing and repair if necessary
4. Perforate and acidize Eumont
5. Install rod-pump equipment
6. Evaluate well for possible frac job

No TA approved.
No CIT.

Pending rig and other equipment availability we plan to commence this work in the next 4 to 6 months.

RECEIVED
1997 SEP 24 A 8:43
BUREAU OF LAND MGMT.
HOBBS, NEW MEXICO

14. I hereby certify that the foregoing is true and correct

Signed Doyle Hartman

Title Engineer

Date 09/22/97

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date OCT 15 1997

Conditions of approval, if any:

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address DOYLE HARTMAN 500 N. Main Midland, Texas 79701		OGRID Number 6473
		Reason for Filing Code CH
API Number 30 - 025-05998	Pool Name Monument Blinebry	Pool Code 46990
Property Code 19147	Property Name Britt	Well Number 11

II. Surface Location

UL or lot no. G	Section 7	Township 20S	Range 37E	Lot Idn	Feet from the 1650	North/South Line FNL	Feet from the 1650	East/West line FEL	County Lea
--------------------	--------------	-----------------	--------------	---------	-----------------------	-------------------------	-----------------------	-----------------------	---------------

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lea Code	Producing Method Code T	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

IV. Produced Water

POD	POD ULSTR Location and Description
-----	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Cag. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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. Signature: <i>Don Mashburn</i> Printed name: Don Mashburn Title: Engineer Date: 7-1-96		OIL CONSERVATION DIVISION Approved by: <i>Gary W. Wink</i> Title: GARY W. WINK Approval Date: FIELD REPRESENTATIVE II JUL 18 1996 Phone: (915) 684-4011	
---	--	--	--

If this is a change of operator fill in the OGRID number and name of the previous operator: <i>Paul M. Callaway</i> Previous Operator Signature		<i>Paul M. Callaway</i> Printed Name		<i>Production Supt.</i> Title	<i>7/10/96</i> Date
---	--	---	--	----------------------------------	------------------------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.
LC 031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. BRITT # 11

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710

915-688-6943

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

SEC. 7, T20S, R37E

1650' FNL & 1650' FEL

30-025-05998

EUMONT YTS TRVR ON

LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other CHANGE OF OPERATOR R

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 pertinent to this work.)*

CHANGE OF OPERATOR. DOYLE HARTMAN - PREVIOUS OPERATOR. SOLD TO MERIDIAN OIL INC..
EFFECTIVE 9/1/91.

ACCEPTED FOR RECORD

OCT 2 1993

CARLSBAD, NEW MEXICO

RECEIVED
OCT 5 11 01 AM '93
GAS
ART

14. I hereby certify that the foregoing is true and correct

Signed Donna Williams

Title PRODUCTION ASSISTANT

Date 9/30/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION
RECEIVED

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

APR 15 AM 10 43

I.

Operator Doyle Hartman	Well API No. 30-025-05998
Address P. O. Box 10426, Midland, Texas 79702	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> WELL TA'D BY UTP
If change of operator give name and address of previous operator Union Texas Petroleum Corp., P. O. Box 2120, Houston, TX 77252-2120	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Britt	Well No. 11	Pool Name, Including Formation Monument Blinebry	Kind of Lease State (Federal or Fee)	Lease No. LC031621A
Location Unit Letter G : 1650' Feet From The North Line and 1650' Feet From The East Line Section 7 Township 20S Range 37E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> None	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	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

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

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	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, 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		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (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.)

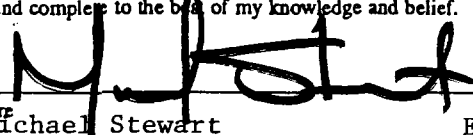
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

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

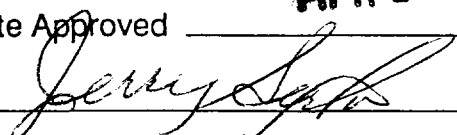
VI. OPERATOR CERTIFICATE OF COMPLIANCE

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.

Signature 
Michael Stewart Engineer
Printed Name Title
4-2-91 915/684-4011
Date Telephone No.

OIL CONSERVATION DIVISION

APR 11 1991

Date Approved
By 
Title DISTRICT I SUPERVISOR

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

M. M. UH. LIND. WASHINGTON
P. O. BOX 1800
HOBBES, NEW MEXICO 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-031621 (a)	
2. NAME OF OPERATOR Union Texas Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 4000 N. Big Spring, Suite 500, Midland, Texas 79705		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit letter G, 1650' FNL & 1650' FEL		8. FARM OR LEASE NAME Britt	
14. PERMIT NO.		9. WELL NO. 11	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3525' G.L.		10. FIELD AND POOL, OR WILDCAT Monument	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T-20-S, R-37-E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

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

17. 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 pertinent to this work.)*

- MIRUSU. Notify NMOCC and USGS.
- POH with production equipment. Fill well annulus w/10# gal. mud laden fluid.
- Set cement retainer at 3422'± and cement squeeze perforation 3472-3575' w/100 sx. Cl. "C" cement.
- Perforate casing @ 3300' w/4 holes and squeeze w/50 sx. Class "C" leaving 15 sx. inside 5½" casing.
- Tag cement to make sure TOC is not below 3250'.
- Perforate casing @ 620'±. Squeeze w/50 sx. Cl "C" leaving 15 sx. inside 5½" casing. *(5½" + 8 5/8" + 100' inside 5½" + both annuli)*
- Spot 20 sx cement plug 50' to surface.
- Cut off casing, weld on cap, set permanent marker and clean up location.

8. I hereby certify that the foregoing is true and correct

SIGNED William H. Guggen TITLE Regul. Compl. Coord.

DATE 6-18-84

(This space for Federal or State office use)

APPROVED BY Carlobad Resource Area
CONDITIONS OF APPROVAL, IF ANY:

TITLE AREA MANAGER
CARLOBAD RESOURCE AREA

DATE 12-31-84

UNION TEXAS PETROLEUM

FIELD: Monument
 LEASE: Britt WELL NO. 11
 DATE: 5/2/84 SPUDDED: 4/54 COMP. _____
 ELEV: 3525'
 LOCATION: 1250 FUEL
Sec. 7 T-40-S R-37-E
Lea County, N.M.

133/8" 48 * CSG. at 212 W/ 450 SX. _____
 " HOLE TOC Surface

85/8" 32428 * CSG AT 3298 w/ 1900 SX _____
 " HOLE TOC 684

Perf. Grayburg 3472, 11, 3502-45

PBTD 3210'

Retention at 5525

Perf 5540-42 5922.

Blinbury Perf 5240-5290 5922 w/ 75 SX

5 1/2" 15.542 * CSG. at 5705 W/ 500 SX. _____
 " HOLE TOC 3445

TO 5710
 PBTD 3210

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY TO O. & C.
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION		8. FARM OR LEASE NAME Britt
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		9. WELL NO. 11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit Letter "G", 1650' FN&EL		10. FIELD AND POOL, OR WILDCAT Monument-Grayburg (Formerly Blinbry)
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3565'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T-20-S, R-37-E
		12. COUNTY OR PARISH Lea
		13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

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

17. 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 pertinent to this work.)*

- May 27, 1977, RUPU - Installed BOP & pulled tubing and rods.
- May 28, 1977, WIH w/retainer on 2 3/8" tubing and set @ 5525'. RU Dowell & squeezed Blinbry perms. (5540-5648') off @ 1600 psi w/126 sx.
- June 1, 1977, isolated holes in 5 1/2" csg. located @ 2978-93 & 3643-73'. Set cmt. retainer @ 2940' & squeezed holes in csg. w/50 sx. Class "C" w/2% CaCl followed by 250 sx. Cl. "C" neat.
- June 2, 1977, Ran Temp. Survey and found cmt. behind 8 5/8" csg. @ 2890'. Perf. w/2 JSPF @ 2880 & WIH w/Baker pkr. on 2 3/8" tbg. & set @ 2500'. Est. circ. & cmt. w/360 sx. DLW cmt. w/10# salt/sk. followed by 50 sx. Class "C" w/2% CaCl. Circ. 31 sx. cmt. out of 8 5/8" braden head.
- June 5, 1977, drilled out excess cmt. to TD 3385'.
- June 9, 1977, WI & drilled out cmt. from 3385-3610' Press test csg. to 1500# w/no dec. in press.
- June 10, 1977, perf. Grayburg zone w/1 JSPF 3472,77,3502,04,06,17,30,32,34,36,38,40,42,63 & 75'. Acidized perms. w/4000 gal. 15% NE fe Acid tagged w/RA material.
- June 11, 1977, swabbed dry after rec. 40 bbls. of load.
- June 14, 1977, RU & perf. w/1 JSPF 3440-42, 3445-53, & 3458-60.
- June 15, 1977, acidized perms. w/1600 gal. 15% NE acid.
- June 19, 1977, Swabbed back 25 bbls. of load. RDPU.
- July 6, 1977, Shut well in & temporarily abandoned for further study. Well was not productive.

This approval of temporary
abandonment expires 8-1-78

18. I hereby certify that the foregoing is true and correct

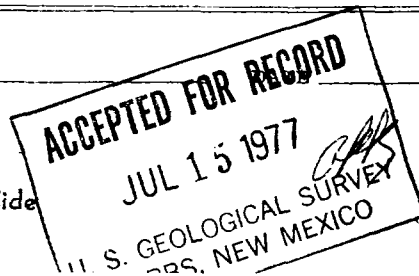
SIGNED Stanley A. PostTITLE Sr. Prod. AnalystDATE 7-14-77

(This space for Federal or State office use)

APPROVED BY 20112

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1421
5. LEASE DESIGNATION AND SERIAL NO.

LC 031621 (a)

6. IF INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Britt

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Monument-Blainebry

11. SEC. T., R., M., OR BLM. AND
SURVEY OR AREA

Sec. 7, T-20-S, R-37-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1650' FNL & 1650' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, CR, etc.)

3565' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☒
☐

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PILL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

☐
☐
☐
☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

☐
☐
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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 pertinent to this work.)*

1. MIRUPU and pull tubing and rods (Install BOP)
2. Run in hole w/retainer on 2 3/8" tubing, set @ 5525'.
3. Squeeze Blainebry perms. w/150 sx. Class "C" cmt.
4. Perforate Grayburg zone w/1 JSPF 3472, 77, 3502, 04, 06, 17, 30, 32, 34, 36 38, 40, 42, 63 & 75'.
5. Run in hole w/Model R Packer on 2 3/8" tubing and set @ 3450'.
6. Acidize Grayburg zone with 4000 gallons 15% NE acid.
7. Swab back spent acid water and evaluate well.

18. I hereby certify that the foregoing is true and correct

SIGNED

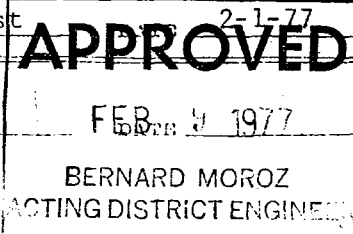
TITLE Sr. Production Analyst

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 031621 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Britt

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Monument Blinebry

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

7-20-S, R-37-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

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

1650' FNL & 1650' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3565' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Well Status

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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 pertinent to this work.)*

(1) Status of Well - TA

(2) Date TA Commenced - June, 1966.

(3) Future Plans - Study for possible new zone workover.

(4) Date of Future Plans - October 1, 1976.

This approval of temporary
abandonment expires JAN 1 1977RECEIVED
JUN 15 1976
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED

L. B. Kelley

TITLE

Production Analyst

DATE

6-11-76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUN 17 1976

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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.)

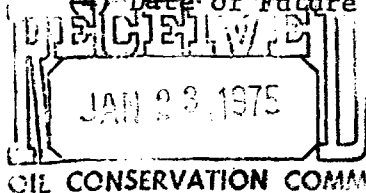
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 031621 (a)	
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1650' FNL & 1650' FEL		8. FARM OR LEASE NAME Britt	
14. PERMIT NO.		9. WELL NO. 11	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3565' DF		10. FIELD AND POOL, OR WILDCAT Monument Blinbry	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T-20-S, R-37-E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well Status</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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 pertinent to this work.) *

- (1) Status of Well - Temporarily Abandoned.
- (2) Date T.A. Commenced - June, 1966
- (3) Future Plans - Study for possible new zone workover.
- (4) Date of Future Plans - September 1, 1975



Oil Conservation Comm
Santa Fe
JAN 1 1976

18. I hereby certify that the foregoing is true and correct

SIGNED D. H. Pickering TITLE Asst. Dist. Prod. Manager DATE 1-13-75

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE JAN 15 1975

CONDITIONS OF APPROVAL, IF ANY:

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
A.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
REGISTRATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Union Texas Petroleum Corporation				Lease Britt	Well No. 11
Unit Letter G	Section 7	Township 20-S	Range 37-E	County Lea	
Pool Monument-Blinebry				Kind of Lease (State, Fed, Fee) Federal	

If well produces oil or condensate give location of tanks	Unit Letter G	Section 7	Township 20-S	Range 37-E
--	-------------------------	---------------------	-------------------------	----------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>	Address (give address to which approved copy of this form is to be sent)
Shell Pipe Line Co.	Box 1910, Midland, Texas

Is Gas Actually Connected? Yes ☒ No ☐

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
Warren Petroleum Corporation		Box 1589, Tulsa, Oklahoma

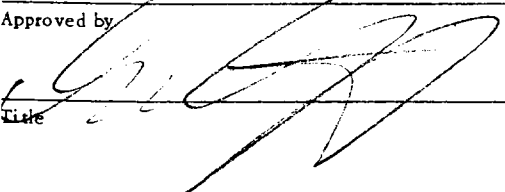
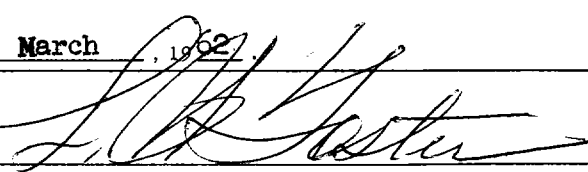
If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

- | | |
|--|---|
| New Well <input type="checkbox"/> | Change in Ownership <input checked="" type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casing head gas . <input type="checkbox"/> Condensate . . <input type="checkbox"/> | |

Remarks
Changed from Union Texas Natural Gas Corporation effective March 1, 1962

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the <u>1st</u> day of <u>March</u> , 19 <u>62</u>	
Approved by  Title District Superintendent Date	By  Title District Superintendent Company Union Texas Petroleum Corporation Address Box 196, Midland, Texas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 031621-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Britt

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Monument Blinbry

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 7, 20-S, 37-E

12. COUNTY OR PARISH

Lea

18. STATE

New Mex.

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

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

1300 Wilco Bldg., Midland, Texas

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

1650' FNL & 1650' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3565 DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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 pertinent to this work.)*

Squeezed perfs. 5640-90' w/75 sx. cmt. Tested squeeze w/1000#, OK. Drild.
cmt. 5576-5660'. Perf. 5642-48' w/4 jets per ft. Set packer at 5590'.
Swbd. dry. Acidized w/4500 gals. Installed pumping equipment. Pumped
14 BO plus 200 BWPD.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Office Supervisor

DATE

12-2-66

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DEC 5 1966

*See Instructions on Reverse Side

J. L. GORDON
ADJ. DIR. GEOL. SURV.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 031621 (a)

6. IF INDIAN, ALLOTTEE OR-TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Britt

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Monument Blinebry

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 7 T-20S - R-37E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Union Texas Petroleum Corp.	3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1650 ft. from NL, 1650 ft. from E Line, Section 7 - T-20S - R-37E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 3565 DF	12. COUNTY OR PARISH Lea	13. STATE N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input checked="" type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

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

17. 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 pertinent to this work.)*

Well has been temporarily abandoned since 1961 due to excessive water/oil ratio. Proposal is made to squeeze perforations 5640-90 and 5540-42, drill out to 5660, and perforate 5642-48. This interval of the Blinebry to be tested natural then acidized and/or fract if warranted.

18. I hereby certify that the foregoing is true and correct

SIGNED

Howard R. Rouse

TITLE

District Engineer

DATE

1-10-66

(This space for Federal or State office use)

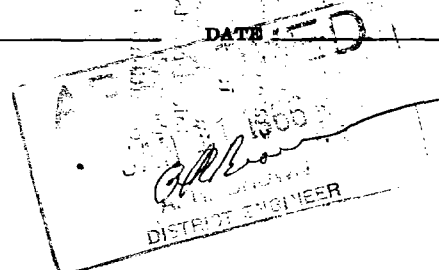
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.S.R.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Union Texas Natural Gas Corporation				Lease Britt		Well No. 11	
Unit Letter G	Section 7	Township 20-S	Range 37-E	County Lea			
Pool Monument-Elinebry				Kind of Lease (State, Fed, Fee) Federal			
If well produces oil or condensate give location of tanks		Unit Letter G	Section 7	Township 20-S	Range 37-E		
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Shell Pipe Line Company				Address (give address to which approved copy of this form is to be sent) Box 1910, Midland, Texas			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> Warren Petroleum Corporation			Date Connected	Address (give address to which approved copy of this form is to be sent) Box 1589, Tulsa, Oklahoma			

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input checked="" type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks

Changed from Anderson-Prichard Oil Corporation, effective April 1, 1961

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 12th day of April, 19 61

OIL CONSERVATION COMMISSION

Approved by

Title

Date

By

Title

Company

Address

Union Texas Natural Gas Corporation

Box 196, Midland, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Anderson-Prichard Oil Corporation Lease Britt
Address Box 2197, Hobbs, New Mexico Liberty Bank Building, Oklahoma City, Okla.
(Local or Field Office) (Principal Place of Business)
Unit G, Well(s) No. 11, Sec. 7, T. 20S, R. 37E, Pool Monument-Blaine
County Lea Kind of Lease: Federal
If Oil well Location of Tanks _____
Authorized Transporter Warren Petroleum Corporation Address of Transporter
Monument, New Mexico Box 1589, Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐
CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☒

REMARKS:

Filed for casinghead gas.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of November 1954.

Approved _____, 19_____
Anderson-Prichard Oil Corporation

OIL CONSERVATION COMMISSION
By M. L. Armstrong
Title _____

By [Signature]
Title District Engineer

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

1954 MAY 24 PM 1:57

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Anderson-Prichard Oil Corporation Lease Britt
Address Box 2197, Hobbs, New Mexico Liberty Bank Bldg., Oklahoma City, Oklahoma
(Local or Field Office) (Principal Place of Business)
Unit G, Well(s) No. 11, Sec. 7, T. 29S, R. 37E, Pool Monument-Blinbry
County Lea Kind of Lease: Federal

If Oil well Location of Tanks

Authorized Transporter Shell Pipeline Company Address of Transporter
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are

REASON FOR FILING: (Please check proper box)

NEW WELL ☒ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the day of 19

Approved MAY 25 1954, 19

OIL CONSERVATION COMMISSION

By J. J. Stanley

Title Engineer District 1

By M. L. Longton

Title District Engineer

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

HOBBS OFFICE New Well
Completion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

May 24, 1954

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Anderson-Prichard Oil Corporation Britt, Well No. 11, in SW $\frac{1}{4}$ NE $\frac{1}{4}$,
(Company or Operator) (Lease)

G, Sec. 7, T. 28S, R. 37E, NMPM, Monument-Elinebry Pool
(Unit)

Lea County. Date Spudded 4-25-54, Date Completed 5-18-54

Please indicate location:

		X	

Elevation 3565 Total Depth 5706, P.B.Top oil/gas pay 3637 5657 Prod. Form ElinebryCasing Perforations: 5610 - 5690 orDepth to Casing shoe of Prod. String 5704'Natural Prod. Test 264 BOPDbased on 132 bbls. Oil in 12 Hrs 0 Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs Mins.

Gas Well Potential

Size choke in inches

Date first oil run to tanks or gas to Transmission system: 5-22-54Transporter taking Oil or Gas: Shell Pipe Line Company

Casing and Cementing Record

Size Feet Sax

13 3/8	612	450
8 5/8	3298	1900
5 1/2	5705	500

Remarks:

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

Approved MAY 27 1954, 19Anderson-Prichard Oil Corporation

(Company or Operator)

OIL CONSERVATION COMMISSION

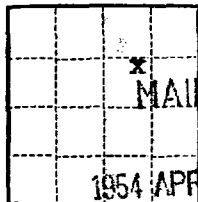
By: S. J. StanleyTitle Engineer District 1By: [Signature]

(Signature)

Title District Engineer

Send Communications regarding well to:

Name L. H. FosterAddress Box 2197, Hobbs, New Mexico



MAIN OFFICE OCC

(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 Land Office Las Cruces
 Lease No. 051621 (a)
 Unit E. M. Britt

RECEIVED

APR 21 1954

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 20, 1954

Well No. 11 is located 1650 ft. from N line and 1650 ft. from E line of sec. 7SW/4 NE/4 Sec. 7
(1/4 Sec. and Sec. No.)T20S
(Twp.)R37E
(Range)E. M. P. M.
(Meridian)Hobbs-Milnebury
(Field)

Lea

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3565 ft. (approx.)

DETAILS OF WORK

ILLEGIBLE

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a well on the above described location to a total depth of approximately 5700 ft. in the Milnebury pay with the following casing/cement program: Set 13 3/8" O.D. casing at 600' and cement with sufficient amount of cement to circulate. Set 9 5/8" or 8 5/8" O.D. casing at 3000 ft. and cement with sufficient amount of cement to circulate. Set 5 1/2" or 7" C.D. casing at 5700 ft. and cement with 500 sacks, perforate and acidize as necessary for production. If any difficulty should be encountered while drilling, making it necessary to alter the casing program, we will file a "Notice of Intention to Change Plans".

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Anderson-Prichard Oil CorporationAddress Box 2197HobbsNew MexicoBy [Signature]

District Engineer

MAIN OF
1964 MAY 22

MAIN OFFICE OCC

154 MAY 23 AM 9:33

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031621 (a)**
LEASE OR PERMIT TO PROSPECT **H. H. Britt**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Anderson-Prichard Oil Corporation Address Liberty Bank Bldg., Oklahoma City, Okla.
Lessor or Tract Britt Field Monument-Minsky State New Mexico
Well No. 11 Sec. 7 T. 20N R. 37E Meridian N.M.P.M. County Lea
Location 1450 ft. N. of N Line and 1450 ft. E. of N Line of Sec. 7 Elevation 3565'
(Derive from spot elevation)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date May 24, 1954

Signed

Title **District Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-25-54, 1954 Finished drilling 5-28-54, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5495 to 5700 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	1.50	8 R	E-10	612'	Open end				Surface
8 5/8	1.25	8 R	E-10	312'	Blind				Intermediate
5 1/2	1.00	8 R	E-10	312'	Blind				Close string

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	13 3/8	612'	450	Pump & Plug	Water	Hole full
	8 5/8	3298'	1000	Pump & Plug	11.1	Hole full
	5 1/2	5705'	500	Pump & Plug	8.6	Hole full

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

FOLD	MARK
------	------

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Rotary tools were used from _____ feet to **5710'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

May 21, 1951	Put to producing May 22, 1951
The production for the first 24 hours was 132 barrels of fluid of which 99.8% was oil; % emulsion; % water; and .2% sediment.	%
If gas well, cu. ft. per 24 hours	Gravity, °Bé. 38.8°
Rock pressure, lbs. per sq. in.	Gallons gasoline per 1,000 cu. ft. of gas

Robert C. Teague	Driller	D. R. Robbins	Driller
J. E. Matthews	Driller		Driller

FROM—	TO—	TOTAL FEET	FORMATION
0	622	622	Caliche, red bed, surface sand (set 13 3/8" at 612')
622	810	188	Red bed
810	1685	875	Red bed and anhydrite
1685	2315	630	Salt, anhydrite, shells
2315	3120	805	Anhydrite, gypsum
3120	3320	200	Lime and anhydrite (set 8 5/8" casing at 3290')
3320	5706	2386	Lime (set 5 1/2" casing at 5705')
			Top Clarista 5107'
			Top Paddock 5191'
			Top Monument-Blinchry 5637'