

DATE IN 2/5/07	SUSPENSE	ENGINEER BROOKS	LOGGED IN 2/7/07	TYPE NSL SD	APP NO. pDKB0706540727 pDS070384544
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Plantation Petroleum
 Elliott B-6 #2
 NSL 5576
 SD 200704

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☒ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

JOHN ALLEN
 Print or Type Name

John Allen
 Signature

ENGINEER
 Title

1/30/07
 Date

jaallen@planning.petro.com
 e-mail Address



Plantation Petroleum Companies

Plantation Petroleum Holdings III, LLC; Plantation Operating, LLC

2203 Timberloch Place, Ste. 229
The Woodlands, TX 77380
Tel: (281) 296-7222
Fax: (281) 298-2333

January 30, 2007

VIA DHL

Mark E. Fesmire, P.E., Director
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, NM 87505

**RE: Elliott B-6 #2 - Proposed Drilling to Eumont Gas Pool
1980' FSL & 800' FWL
Unit L, Sec 6, T-22S, R-37E
Lea County, New Mexico
Administrative Application for Simultaneous Dedication,
Non-Standard Location, in Existing Non-Standard Proration Unit
Administrative Order NSP-327, Federal Lease No. NM-1410**

Dear Mr. Fesmire,

Please find enclosed a copy of the previously approved **Administrative Order NSP-327** dated November 16, 1956, to dedicate one Eumont well to the subject NSP, 74.06 acre Eumont (Gas) proration unit, consisting of W/2 SW/4 of Section 6 T-22S, R-37E, Lea County, New Mexico. With only one well now producing from the NSP (**Elliott B-6 #1, Unit M, Section 6, T-22S, R-37E**), we would now like to add an additional well to the existing NSP.

We hereby ask your approval to drill corresponding to the new drilling application for **Elliott B-6 #2**. Approval of the simultaneous dedication application will prevent waste, by allowing for the optimal recovery of remaining gas reserves while protecting our mineral rights, (including gas reserves from tighter Eumont strata, within the Eumont interval). See attachment for Geological and Engineering Technical justification under Rule 4.B of the Special Pool Rules.

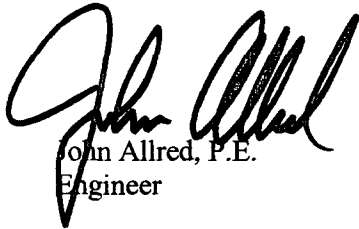
Also, please find enclosed an original of the new BLM Form 3160-3 and C-102 corresponding to the new drilling application for the **Elliott B-6 #2** along with the C-144 and BOP diagram.

Notice of this administrative application has been sent by Federal Express to the applicable diagonal and adjacent offset Eumont operators, as well as, the NMOCD in Hobbs, NM.

We thank you for your thoughtful review of this matter as we expect a drilling rig in the next few weeks.

Very truly yours,

PLANTATION OPERATING, LLC



John Allred, P.E.
Engineer

cc:

Chris Williams
District Supervisor – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Donna Mull
APD Permitting – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

ConocoPhillips
401 Penbrook
Odessa, TX 79762

Chevron USA Incorporated
15 Smith Rd.
Midland, TX 79705

Gruy Petroleum Management Company
600 E. Las Colinas Blvd.
Irving, TX 75014

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1820 N. FRENCH DR., MORRIS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-	Pool Code 76480	Pool Name Eumont (Y-7R-Q) Gas
Property Code 302101	Property Name ELLIOTT B-6	Well Number 2
OGRID No. 237788	Operator Name PLANTATION OPERATING, LLC	Elevation 3469'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	6	22-S	37-E		1980	SOUTH	800	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
74.06	Y		NSP 327 11/16/56

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4 37.24 AC LOT 5 37.13 AC LOT 6 3470.3' 3468.4' 37.07 AC LOT 7 36.99 AC 1980' 1	LOT 3 40.12 AC GEODETIC COORDINATES NAD 27 NME Y=517951.0 N X=847439.8 E LAT.=32°25'08.15" N LONG.=103°12'26.72" W	LOT 2 40.21 AC	LOT 1 40.30 AC	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>John Allred</i> 12/13/06 Signature Date John Allred Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MAY 18, 2006 Date Surveyed REV:09/02/06 Signature & Seal of GARY EIDSON MR Professional Surveyor NEW MEXICO 06.11.0847 Certificate No. GARY EIDSON 12641 RONALD EIDSON 3239
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10092

LIST OF OFFSET EUMONT (GAS) OPERATORS

Plantation Operating, LLC
 Elliott B-6 #2
 L-6-T22S-R37E
 Lea County, New Mexico

<u>Tract No.</u>	<u>Operator</u>	<u>Lease and Well Name (s)</u>	<u>Well Locations</u>	<u>PU Description</u>	<u>No. of Acres</u>
1 (Purple)	ConocoPhillips Company	Lockhart B 1 #4, #9	G & I-1-22S-36E	S/2 NW/4, S/2 NE/4, N/2 SE/4, SW/4 SE/4, Section 1, T-22-S, R-36-E	280
2 (Dark Blue)	ConocoPhillips Company	Lockhart B 1 #6	P-1-22S-36E	SE/4 SE/4, Section 1, T-22-S, R-36-E	40
3 (Green)	Chevron USA Incorporated	H T Mattem NCTE #11, #13	B & H-12-22S-36E	SW/4, Section 1, T-22-S, R-36-E, & N/2 NW/4, NE/4 Section 12, T-22-S, R-36-E	400
4 (Yellow)	Plantation Operating, LLC	Elliott B-6 #1	M-6-22S-37E	W/2 SW/4 Section 6, T-22-S, R-37-E	74.06
5 (Light Blue)	Gruy Petroleum Management Company	H T Mattem #3	K-7-22S-37E	NW/4, E/2 SW/4, Section 6, T-22-S, R-36-E & NW/4 Section 7, T-22-S, R-37-E	400

OPERATOR'S COPY

Form 3160-3
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. NM-1410
1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Plantation Operating, LLC		7. If Unit or CA Agreement, Name and No.
3a. Address 2203 Timberloch Place, Suite 229 The Woodlands, Texas 77380		8. Lease Name and Well No. Elliott B-6 #2
3b. Phone No. (include area code) 281-296-7222		9. API Well No. 30-025-
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL and 800' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Eumont (Yates-7Rivers-Queen)
14. Distance in miles and direction from nearest town or post office*		11. Sec., T. R. M. or Blk. and Survey or Area L-6, T-22-S, R-37-E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 74.06	12. County or Parish Lea
17. Spacing Unit dedicated to this well 74.06	13. State NM	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 3800' 3900'	20. BLM/BIA Bond No. on file NMB000344
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3469' GL	22. Approximate date work will start*	23. Estimated duration 10 Days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Kimberly Faldyn</i>	Name (Printed/Typed) Kimberly Faldyn	Date 12/19/2006
Title Production Tech		
Approved by (Signature) <i>Jim Stoull</i>	Name (Printed/Typed) Jim Stoull	Date 1/22/2007
Title ACTING FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

*(Instructions on page 2)

CAPTAN CONTROLLED WATER BASIN

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>Plantation Operating, LLC</u> Telephone: <u>281-296-7222</u> e-mail address: <u>kfaldyn@plantationpetro.com</u>		
Address: <u>2203 Timberloch Place, Suite 229, The Woodlands, Texas 77380</u>		
Facility or well name: <u>Elliott B-6 #2</u>	API #: <u>30-025-</u>	U/L or Qtr/Qtr <u>L</u> Sec <u>6</u> T <u>22S</u> R <u>37E</u>
County: <u>Lea</u>	Latitude <u>32° 25' 08.15" N</u>	Longitude <u>103° 12' 26.72" W</u> NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐		
Pit Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness <u> </u> mil Clay ☐ Pit Volume <u> </u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes ☐ If not, explain why not. <u> </u>	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 0
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No No	(0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) 0
Ranking Score (Total Points)		0

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility . (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:
Closed-Loop System.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 12/19/06

Printed Name/Title Kimberly Faldyn / Production Tech

Signature

Kimberly Faldyn

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

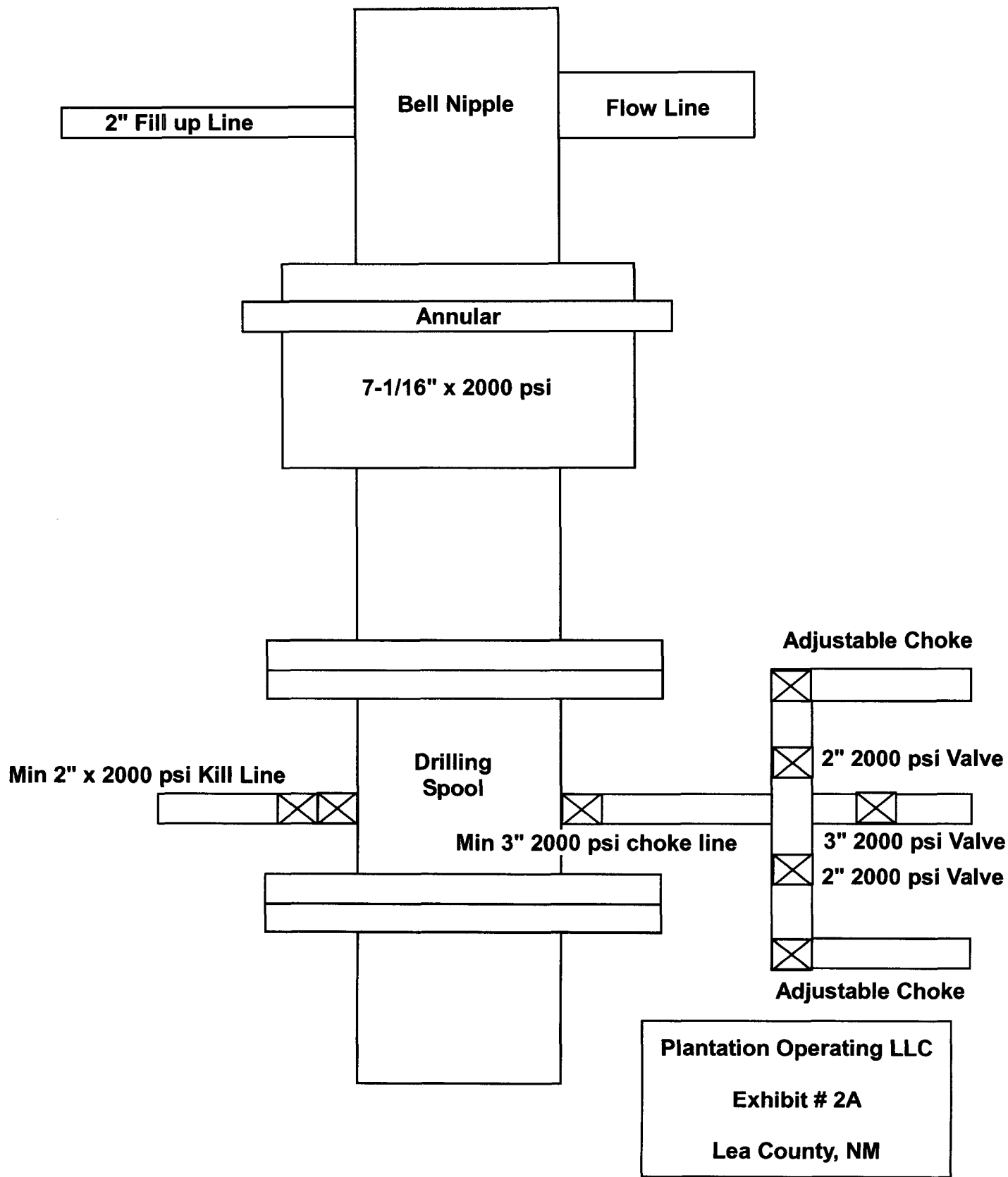
Approval:

Printed Name/Title

Signature

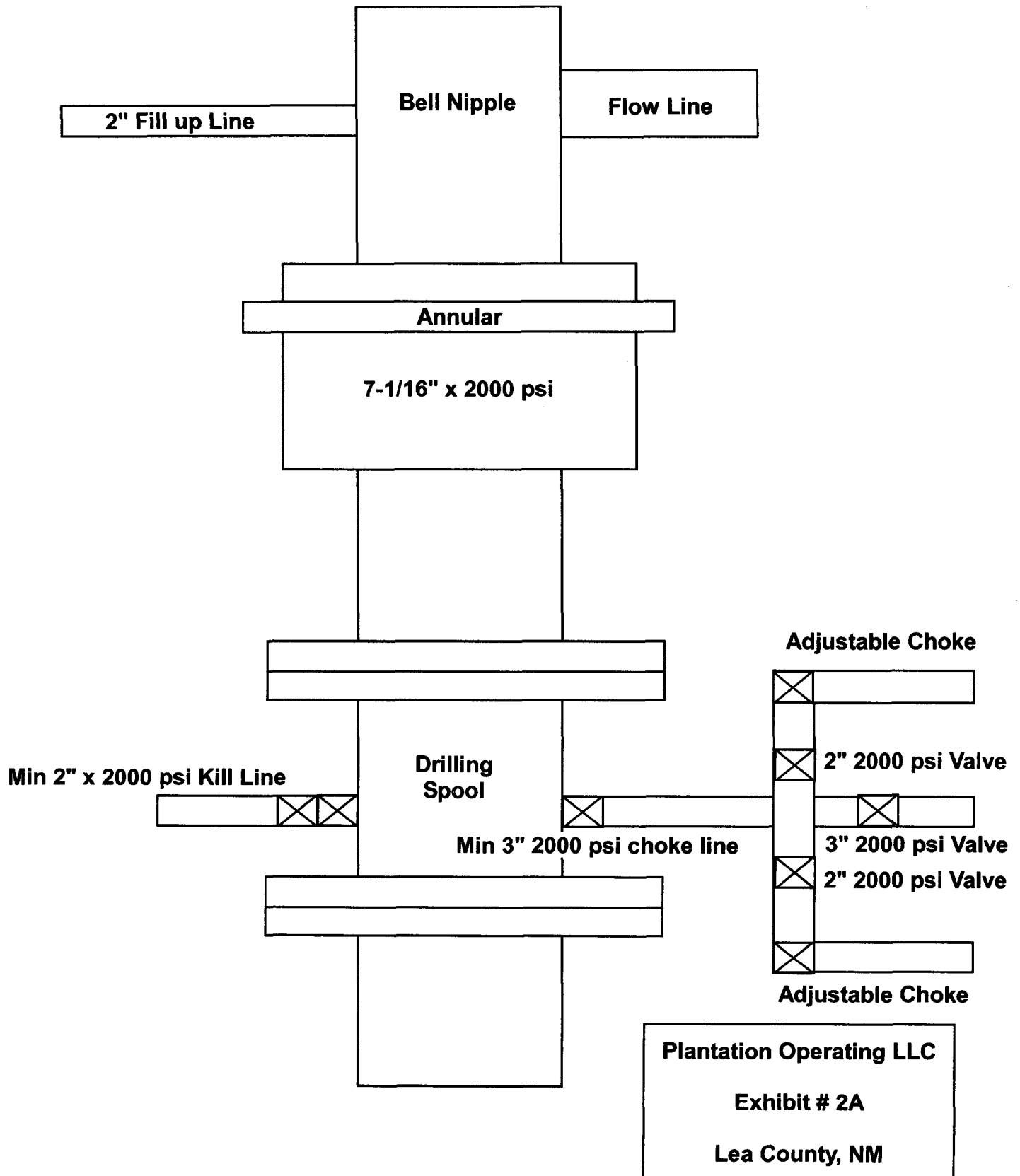
Date:

Plantation Operating, LLC
BOP Schematic for 8-3/4" Hole

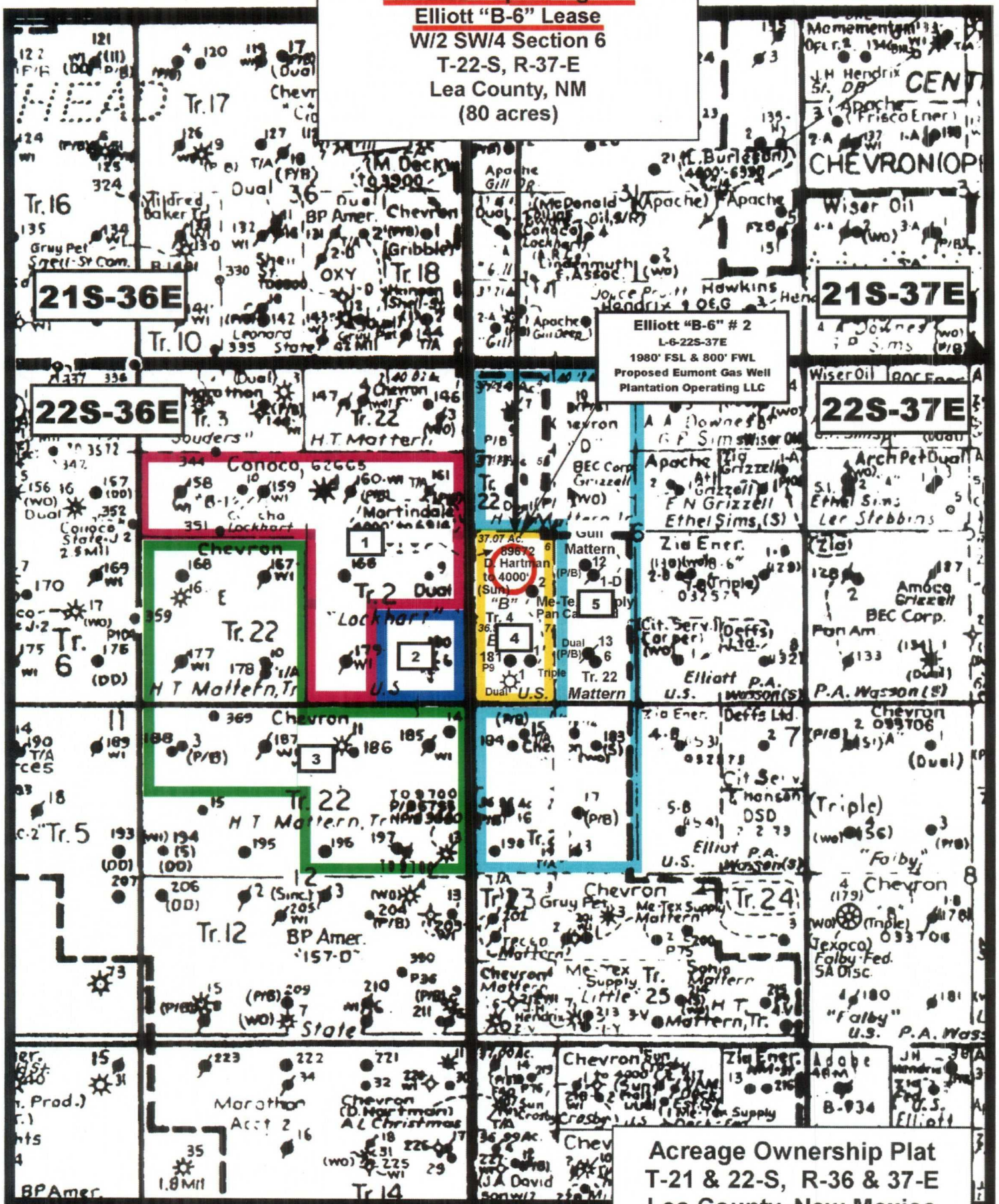


Plantation Operating, LLC

BOP Schematic for 6-1/8 or 7-7/8" Hole



Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)



OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

NSP

November 16, 1956

C
O
P
Y

Rowan Oil Company
P. O. Drawer 12,247
Fort Worth, 16, Texas

Administrative Order MSP-327

Attention: Mr. Leroy Oldeon

Gentlemen:

Reference is made to your application for approval of a 74-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the following acreage:

Township 22 South, Range 37 East
Lots 6 & 7 (W/2 SW/4) of Section 6

It is understood that this unit is to be ascribed to your E. M. Elliott "B-6" Well No. 1, located 330 feet from the South line and 610 feet from the West line and Lot 7 of Section 6, Township 22 South, Range 37 East, HMPN, Lea County, New Mexico.

By authority granted me under provisions of Rule 5, Section (b)-6, of the Special Rules and Regulations for the Eumont Gas Pool, as set forth in Order E-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 Rule 12 of the pool rules, based upon the unit size of 74 acres.

Very truly yours,

A. L. PORTER, JR.
Secretary-Director

WHR:mc

cc: OCC, Hobbs,
NM Oil & Gas Engr. Comm., Hobbs
EPNG, Jal
EPNG, El Paso

Engineer

NSP-327

LC-000-Hobbs
10/18/56
MAIN OFFICE ROWAN OIL COMPANY
ROWAN BUILDING 6000 CAMP BOWIE BLVD.
F O R T W O R T H 1 6 , T E X A S
1956 OCT 17 AM 8 : 15
October 15, 1956

Em 11/16/56

ADDRESS REPLY TO
P. O. DRAWER 1224T
FORT WORTH 16, TEXAS

RE: Application for Approval of a
80-Acre Non-Standard Gas
Proration Unit in the Eumont
Gas Pool to be Assigned to
Rowan Oil Company No. 1-B-6
E. M. Elliott

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

74.06 Ac.
lots 6 & 7 (W/2 SW/4)

Rowan Oil Company respectfully submits application for
an 80-Acre Non-Standard Gas Proration Unit to include the W/2 of the
SW/4 of Section 6, Township 22-S, Range 37-E to be assigned to Rowan
Oil Company's 1-B-6 E.M. Elliott well in the Arrowhead oil and Eumont
gas pools. B-6 #1

It is requested that the Commission set this matter up
for Examiner Hearing at an early date. In support of this application,
the following facts are offered.

well - SW/4 SW/4
unit W/2 SW/4

1. The above described 80 acres includes the E. M. Elliott B lease
which consists of the W/2 of the SW/4 of Section 6, T-22-S, R-37-E.
Rowan Oil Company is a joint owner and operator of this lease.
2. The proposed unit well is located 330' from the South line and
610' from the West line of Section 6, T-22-S, R-37-E, Lea County,
New Mexico, and was completed February 16, 1945 through perforations
3705-3722' opposite the Grayburg lime. Operator proposes to dually
complete the subject well by perforating within the approximate
interval of 3400' to 3495' in the Queen Sand of the Eumont Gas Pool,
and produce the Grayburg through the tubing, and the Queen Sand gas
through the tubing-casing annulus. A production type packer will be
set at approximately 3550' to separate the two pay zones.
3. Rowan Oil Company proposes to assign the W/2 of the SW/4 of Section
6, T-22-S, R-37-E to the proposed unit well of the Non-Standard 80
Acre Gas Proration Unit.

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Oil Conservation Commission
Page No. 2
October 15, 1956

4. By copy of this letter of application, all operators owning an interest in off-set leases to this proposed dual completion are notified of this application.

The approval of this application as outlined in the above proposal is respectfully requested.

Yours very truly,

ROWAN OIL COMPANY



Leroy Gideon
Production Superintendent

LG:dg

CC-Gulf Oil Corporation
Roswell, New Mexico

Continental Oil Company
P. O. Box 427
Hobbs, New Mexico

Neville G. Penrose, Inc.
Fort Worth, Texas

Oil Conservation Commission
Hobbs, New Mexico

United States Department of Interior
Geological Survey
Roswell, New Mexico

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

MAIN OFFICE Well Location and/or Gas Proration Plat

Date 10-4-1956

Operator Rowan Oil Company 3:10 Lease E. M. Elliott

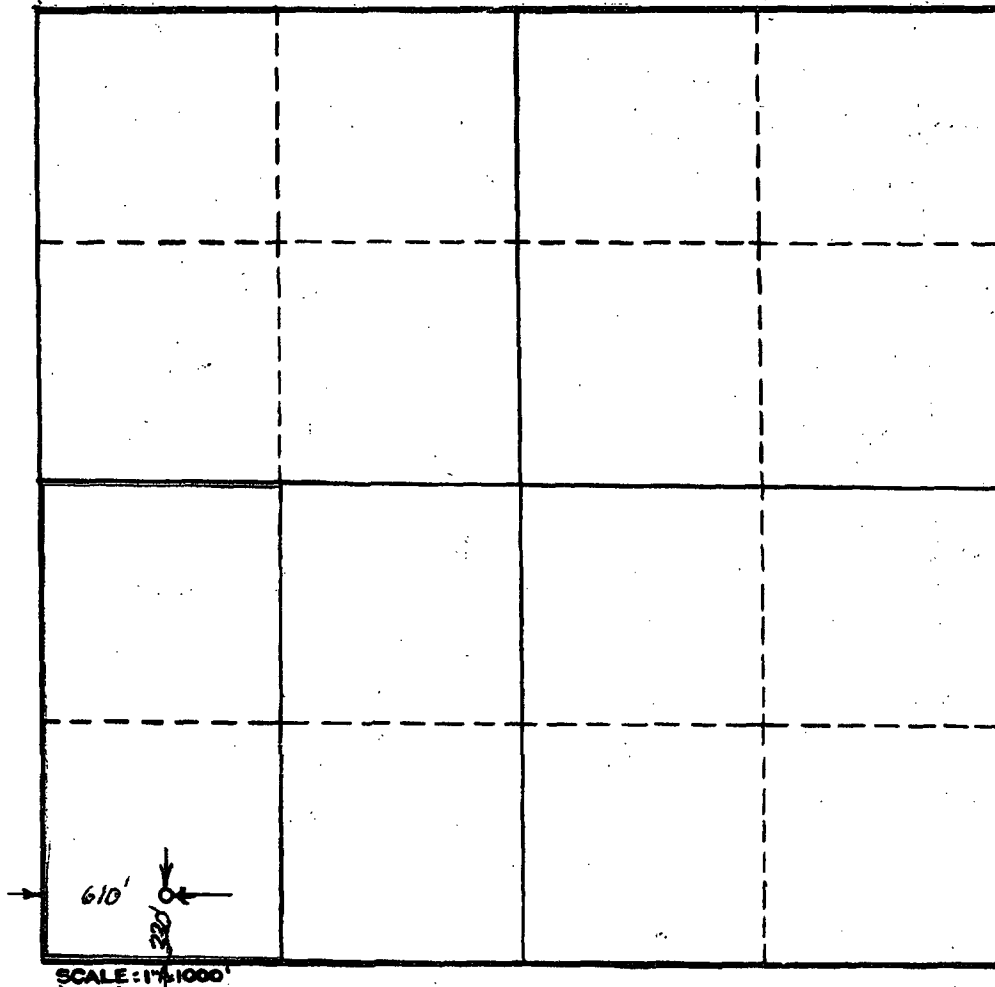
Well No. 1-B-6 Section 6 Township 22 South Range 37 East NMPM

Located 330 Feet From South Line, 610 Feet From West Line,

Lea County, New Mexico. G. L. Elevation 3459

Name of Producing Formation Queen Sand Pool Eumont Gas Dedicated Acreage 80 74

(Note: All distances must be from outer boundaries of Section)



1. Is this Well a Dual Comp. ? Yes X No

2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No X

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name Leroy Gideon
Position Production Superintendent
Representing Rowan Oil Company
Address P. O. Drawer 12247 - Ft. Worth,
Texas

Date Surveyed 10-4-1956
John W. Hunt
Registered Professional Engineer and/or
Land Surveyor



Plantation Petroleum Companies

Plantation Petroleum Holdings III, LLC; Plantation Operating, LLC

2203 Timberloch Place, Ste. 229
The Woodlands, TX 77380
Tel: (281) 296-7222
Fax: (281) 298-2333

January 30, 2007

VIA DHL

Mr. David Brooks
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, NM 87505

**RE: Elliott B-6 #2 - Proposed Drilling to Eumont Gas Pool
Geologic & Engineering Technical Justification
1980' FSL & 800' FWL
Unit L, Sec 6, T-22S, R-37E
Lea County, New Mexico**

Dear Mr. Brooks,

As per your letter dated January 9, 2007, attached please find our detailed geologic and engineering technical justification for the Elliott B-6 #2, as required under Rule 4.B of the Special Pool Rules. Also included is our previously submitted Administrative Application for Simultaneous Dedication.

We hereby ask your approval to drill corresponding to the new drilling application for **Elliott B-6 #2** and are confident this geologic and engineering technical justification will be sufficient for compliance with Rule 4.B. Please note, the BLM has already approved our Application for Permit to Drill, Form 3160-3.

We thank you for your thoughtful review of this matter as we are continuing our drilling program.

Very truly yours,

PLANTATION OPERATING, LLC



John Allred, P.E.
Engineer

cc:

Chris Williams
District Supervisor – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Elliott B – 6 # 2 Geologic & Engineering Technical Justification
In Fill Drilling for Incremental Eumont Gas Reserves - Rule 4.B Special Pool Rules

- The proposed well, Elliott B-6 # 2 is justifiable due to the same characteristic that exists over the entire Eumont Gas Field, mainly geological unconformity (ie non-heterogeneous formation). Geologic cross-sections show that the Seven Rivers, Penrose, and Queen sands tend to come and go from well to well. The early completion methods used lots of perforations smaller acid and frac jobs, thus not properly extending the fractures in all sections of pay. Our current frac technology uses a limited entry frac with 300,000 lbs of sand and equivalent CO₂, so as to extend our fractures 400' plus feet and interconnects the entire Eumont pay interval. So far we have been successful with ten newly drilled wells with initial production rates of 170 mcf/d to 600 mcf/d with reserves from 0.400 BCF to 1.0 BCF per well and all being economical at today's gas prices.
- From studying the five closest offset wells to this location (see attached index) we find other factors that contribute to drilling a successful well. The two (Lockhart B-1 # 9 & 6) wells to the west in Unit I & P, Section 1, T-22S, R-36E were completed in the early 1990's for initial production of 331 mcf/d and 945 mcf/d respectively. The Lockhart B-1 # 9 was acidized and frac stimulated with 235,000 lbs and 70 quality CO₂ slurry, (a more modern limited entry frac). It has already produced 0.792 BCF and 1,774 BO since 3/24/95. This shows great potential in the immediate area with current limited entry frac technology.
- The H T Mattern NCT D # 7 (D, Sec-6, T-22S, R-37E) is due north of our proposed location and was unsuccessful 11/17/81 in a squeeze and recompletion attempt in the Eumont with a 75,000 lb frac job after it was initially completed as dual in the Eumont Gas and Arrowhead Oil Pools. Only 2.275 BCF was produced from the Eumont zone, since the original 1956 completion to 1973. The last bottom hole pressure showed 228 psia, thus good bottom hole pressure may still remain with no active drainage in the immediate area which, is another favorable factor in drilling this new well.
- The Elliott B-6 # 1 (M, Sec-6, T-22S, R-37E) on our lease was initially completed as an Arrowhead Oil Pool well in 1945. Later in 1956 it was completed in the Eumont Gas Pool along with the Arrowhead Oil Pool as a dual well completion. Then in 1991 the well was producing 902 MCFM from the Eumont, so the current operator fraced the well with 18.5 M 50 gal CO₂ and 71,000 lbs sand and initial potential for 4,944 MCFM. After 35 years of production this well responded 5.4 times its previous production level. This is another positive factor toward drilling this new well.
- From the previous operator (Doyle Hartman Oil Operator) of these properties field wide we have seen much higher values for the slopes (M = MCF/psi) on the BHP vs. Cum Gas curves on the order of 10,000 – 15,000 mcf/psi with the larger modern limited entry frac jobs. As compared to the the older smaller frac jobs with slopes of 1,758 – 3,846 mcf/psi as shown in the offset evaluated wells for this new drilling location. These new larger slopes are what we believe we are experiencing in our newly drilled wells as did Hartman. All well and production

Elliott B – 6 # 2 Geologic & Engineering Technical Justification
In Fill Drilling for Incremental Eumont Gas Reserves - Rule 4.B Special Pool Rules

information as listed in the index, is gathered from public available sources to produce the technical justification for this purposed new drilling of the Elliott B-6 # 2.

Elliott B – 6 # 2 Index of Geologic & Engineering Technical Justification
Rule 4.B Special Pool Rules

I. Elliott “B - 6” Lease

- Acreage Ownership Plat
- Production Graph Plat
- Bottom Hole Pressure Plat
- Cum Gas (BCF) Pressure
- Seven Rivers Structure Map
- CUQ Structure Map

II. Elliott B - 6 # 1

- Shut-in Well Head Pressure vs. Cum Gas Plot
- Production Plot
- 49 Year Production History
- Log + Well History
- 3160-5 BLM Sundry Notice
- Detail Production Report

III. H T Mattern NCT D # 6

- Bottom Hole Pressure vs. Cum Gas Plot
- Production Plot
- C-103- Eumont Completion
- Gulf Oil- Application Letter
- Eumont Recompletions Report
- Gulf Oil- Application to Dually Complete
- C-104 for Eumont Allowable
- Detail Production Report

IV. Mattern NCT D #7

- Bottom Hole Pressure vs. Cum Gas Plot
- Production Plot
- C-103- Eumont Completion
- C-103- Eumont / Arrowhead Completion
- C-128 – Eumont Pool
- Detail Production Report

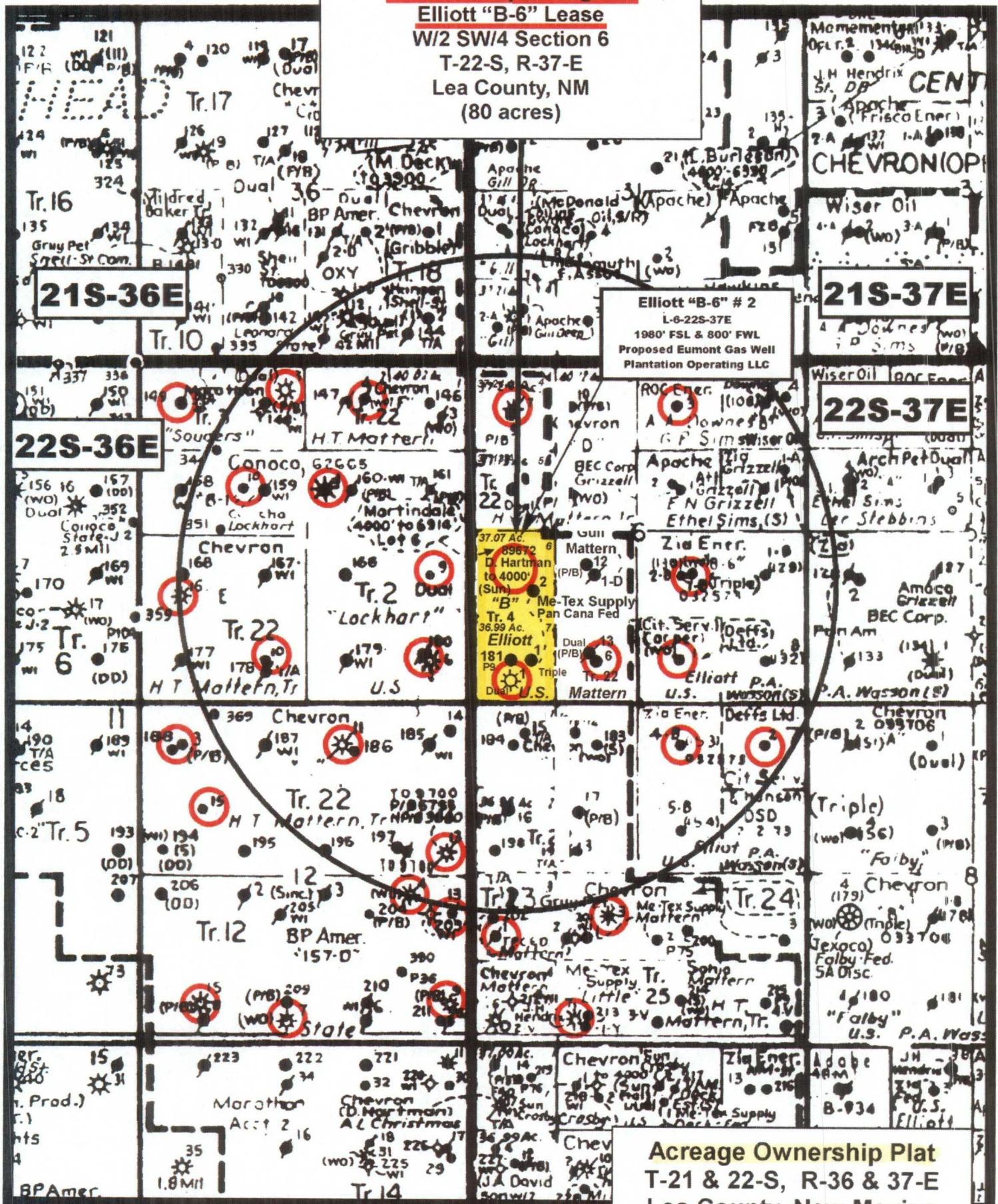
V. Lockhart B – 1 # 6

- Bottom Hole Pressure vs. Cum Gas Plot
- Production Plot
- 3160-5 BLM Sundry Notice
- 9-331 BLM Sundry Notice
- C-104 – Eumont Pool
- Detail Production Report

VI. Lockhart B – 1 # 9

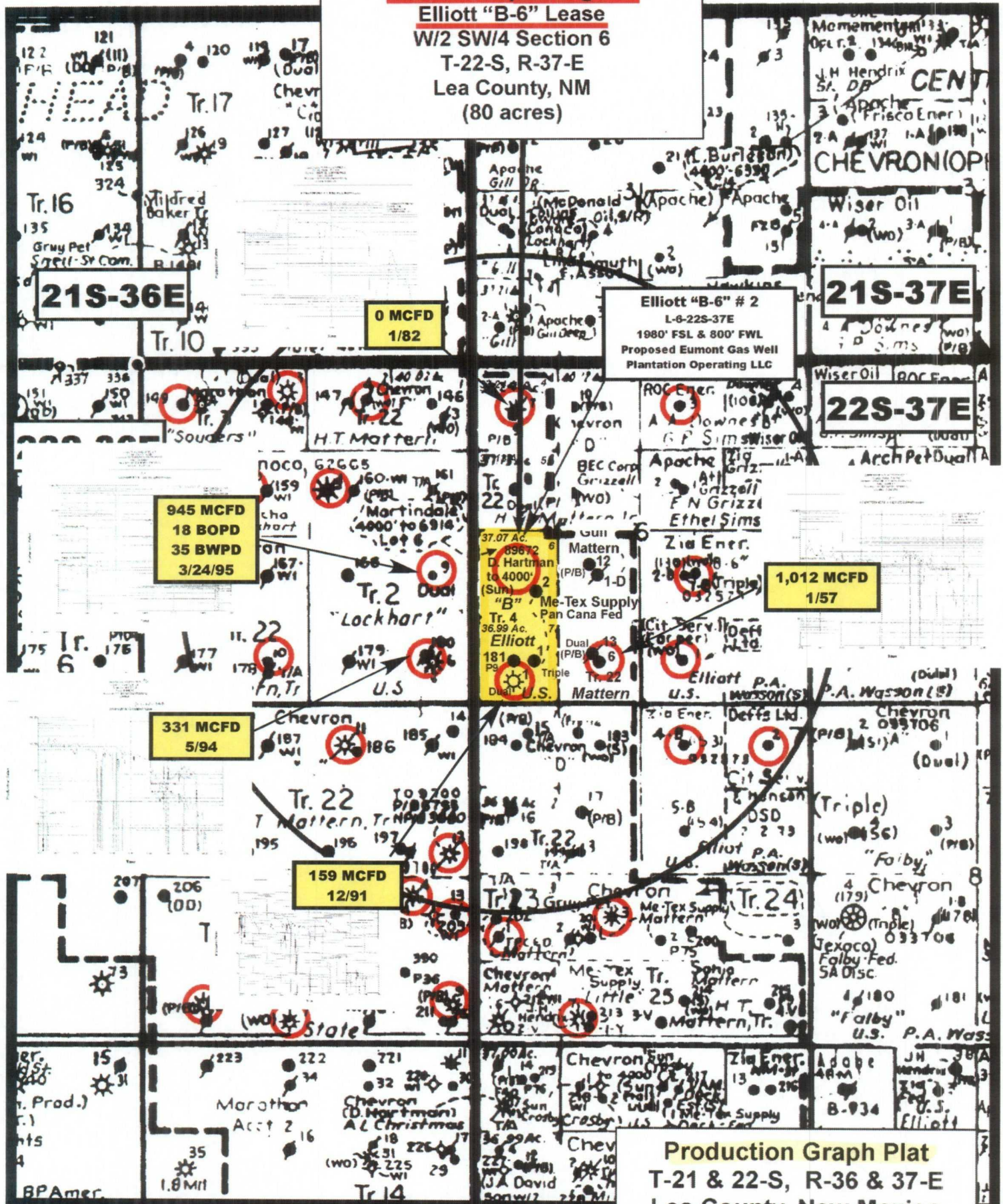
- Production Plot
- 3160-5 BLM Sundry Notice
- 3160-4 BLM Sundry Notice
- Detail Production Report

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)



Acreage Ownership Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)



Production Graph Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

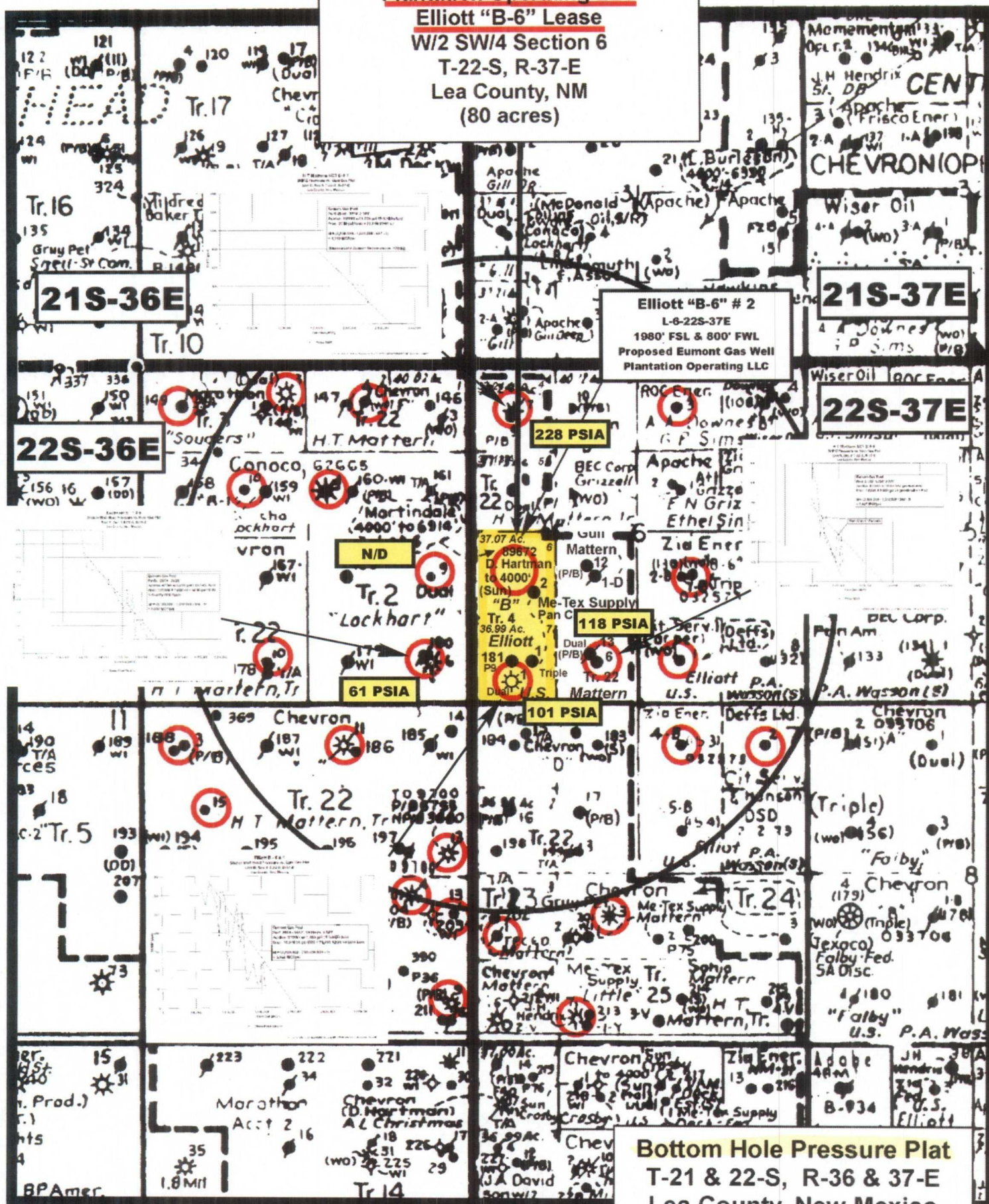
Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)



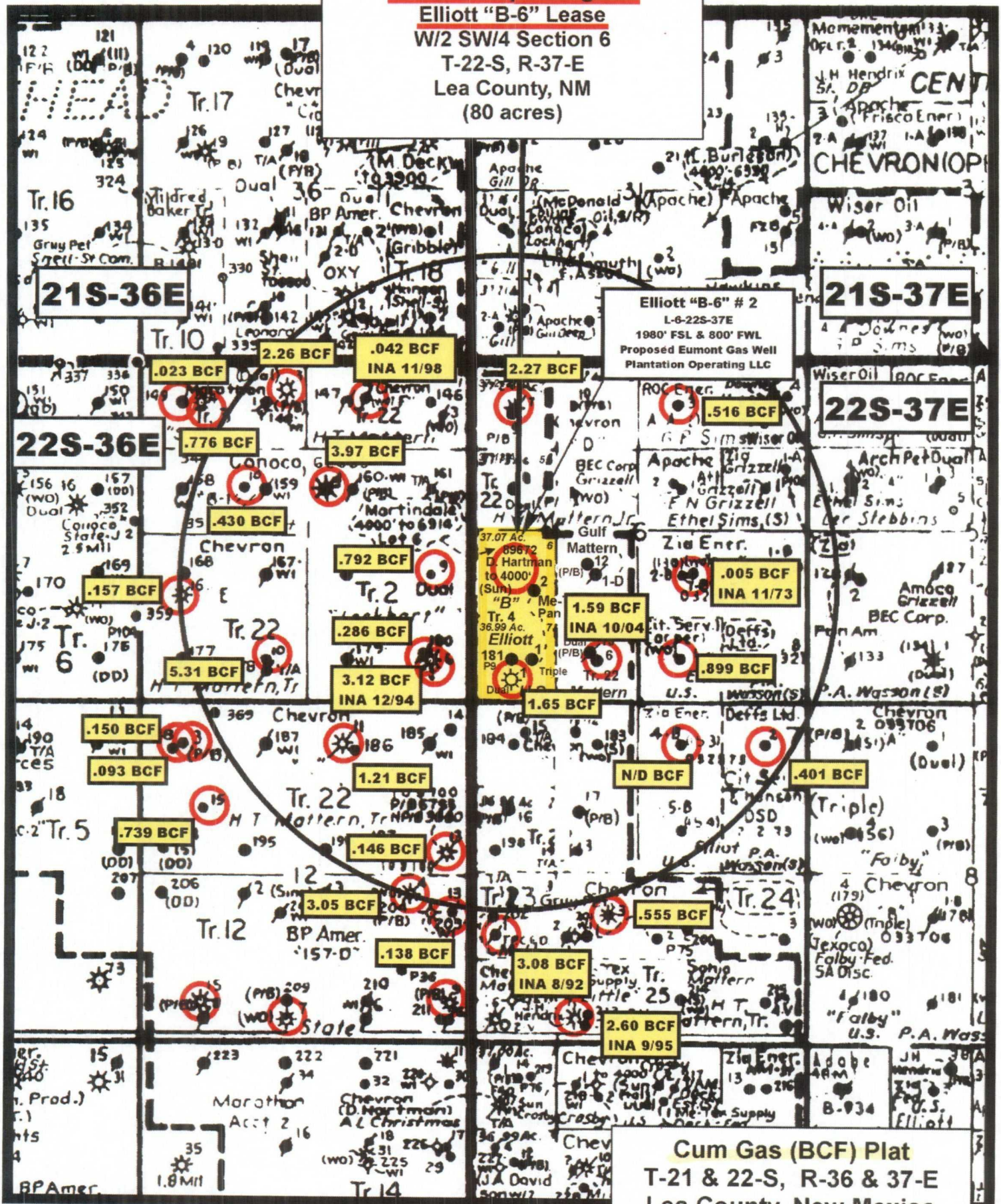
Bottom Hole Pressure Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

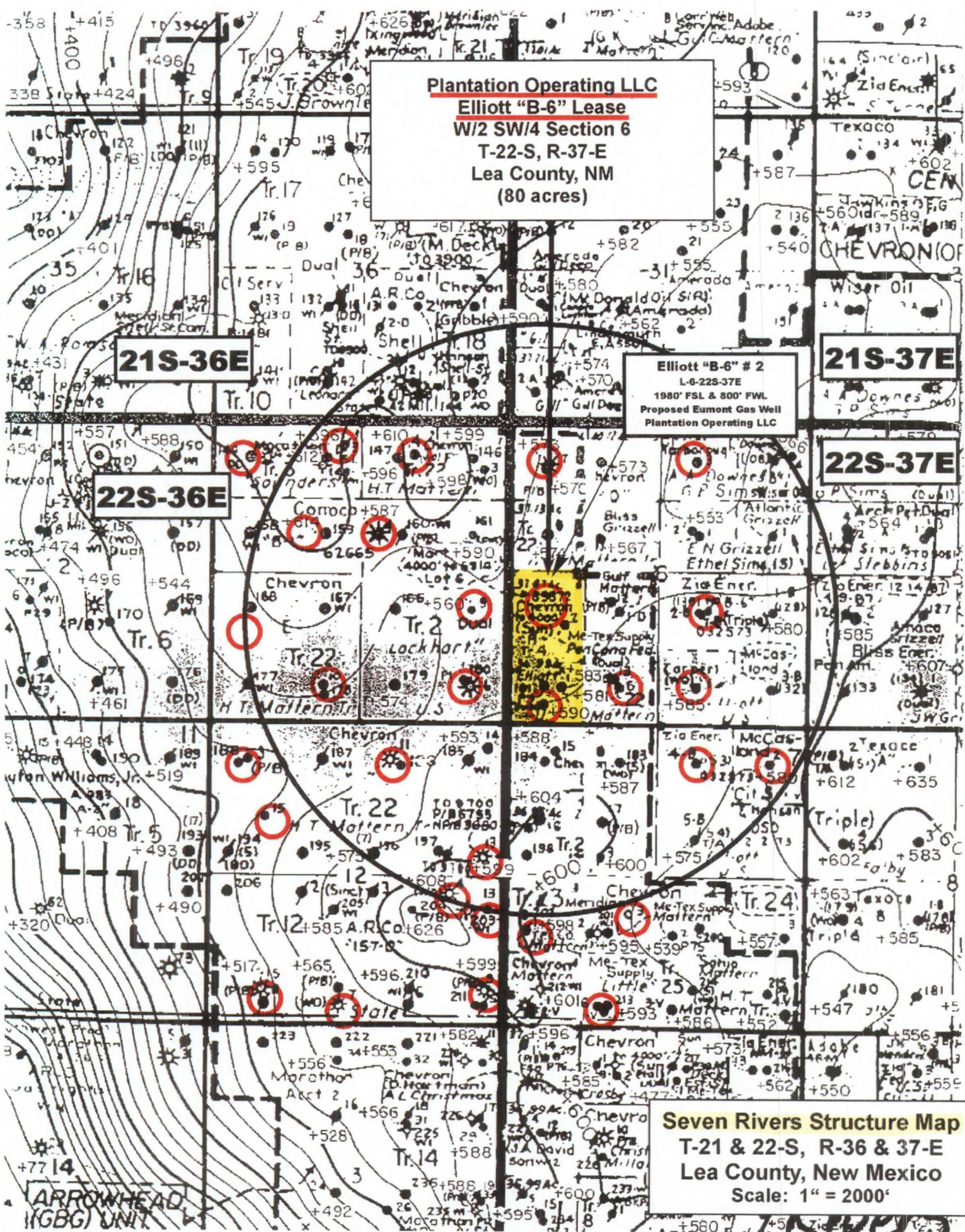
Bottom Hole Pressure Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

Bottom Hole Pressure Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

Bottom Hole Pressure Plat
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)





Plantation Operating LLC

Elliott "B-6" Lease

W/2 SW/4 Section 6

T-22-S, R-37-E

Lea County, NM

(80 acres)

Elliott "B-6" # 2

L-6-22S-37E

1980' FSL & 800' FWL

Proposed Eumont Gas Well

Plantation Operating LLC

Seven Rivers Structure Map

T-21 & 22-S, R-36 & 37-E

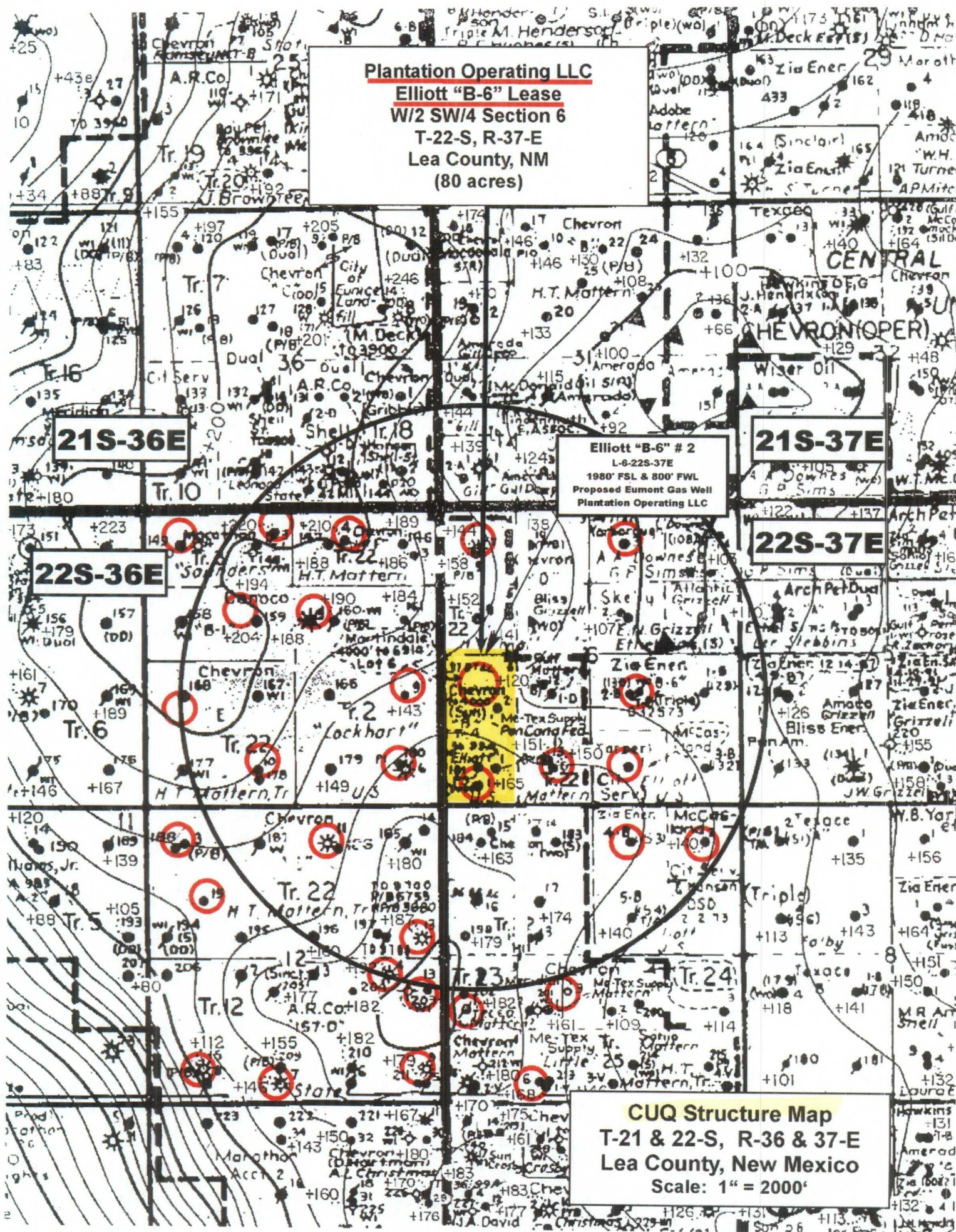
Lea County, New Mexico

Scale: 1" = 2000'

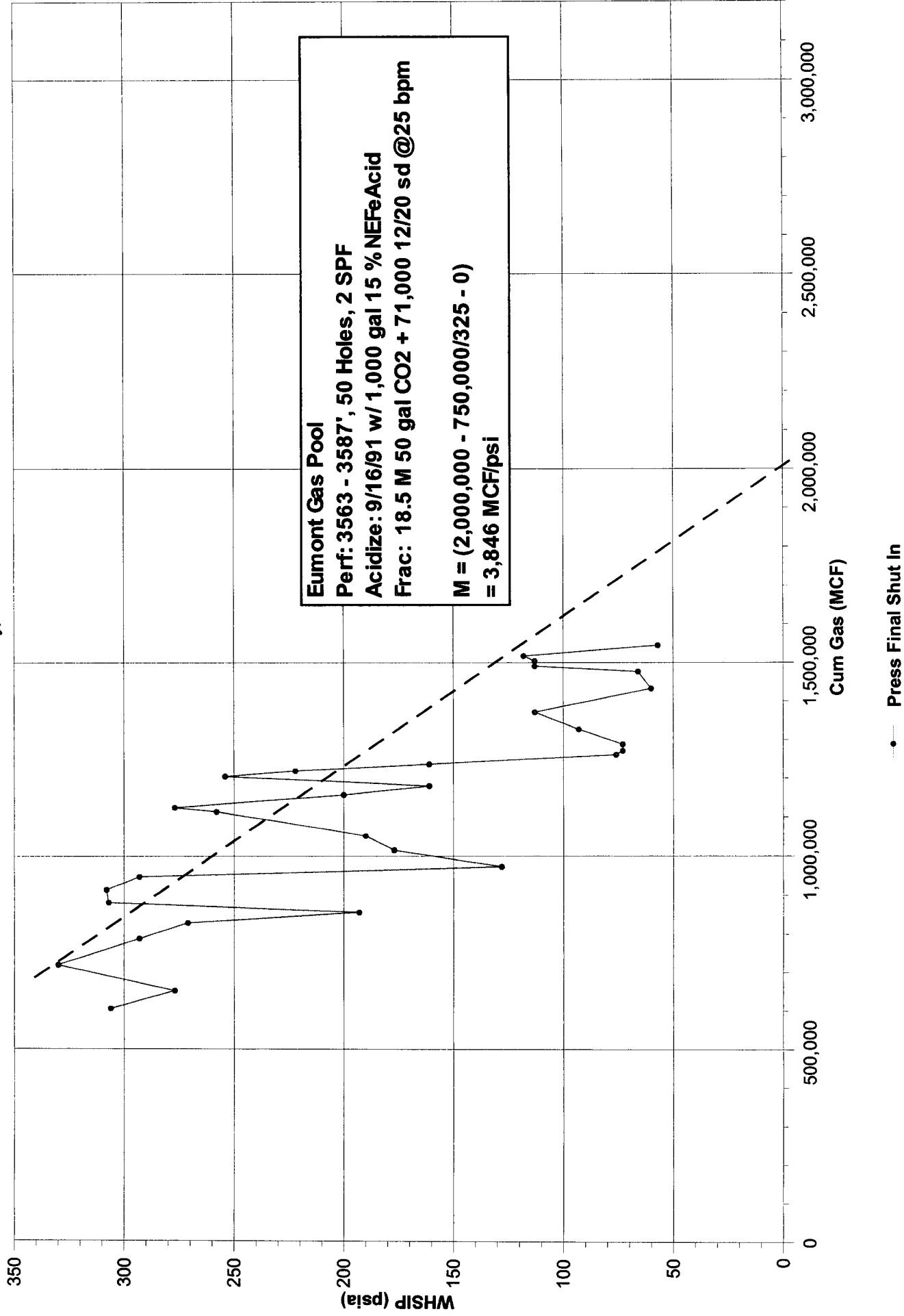
Plantation Operating LLC
Elliott "B-6" Lease
W/2 SW/4 Section 6
T-22-S, R-37-E
Lea County, NM
(80 acres)

Elliott "B-6" # 2
L-6-22S-37E
1980' FSL & 800' FWL
Proposed Eumont Gas Well
Plantation Operating LLC

CUQ Structure Map
T-21 & 22-S, R-36 & 37-E
Lea County, New Mexico
Scale: 1" = 2000'

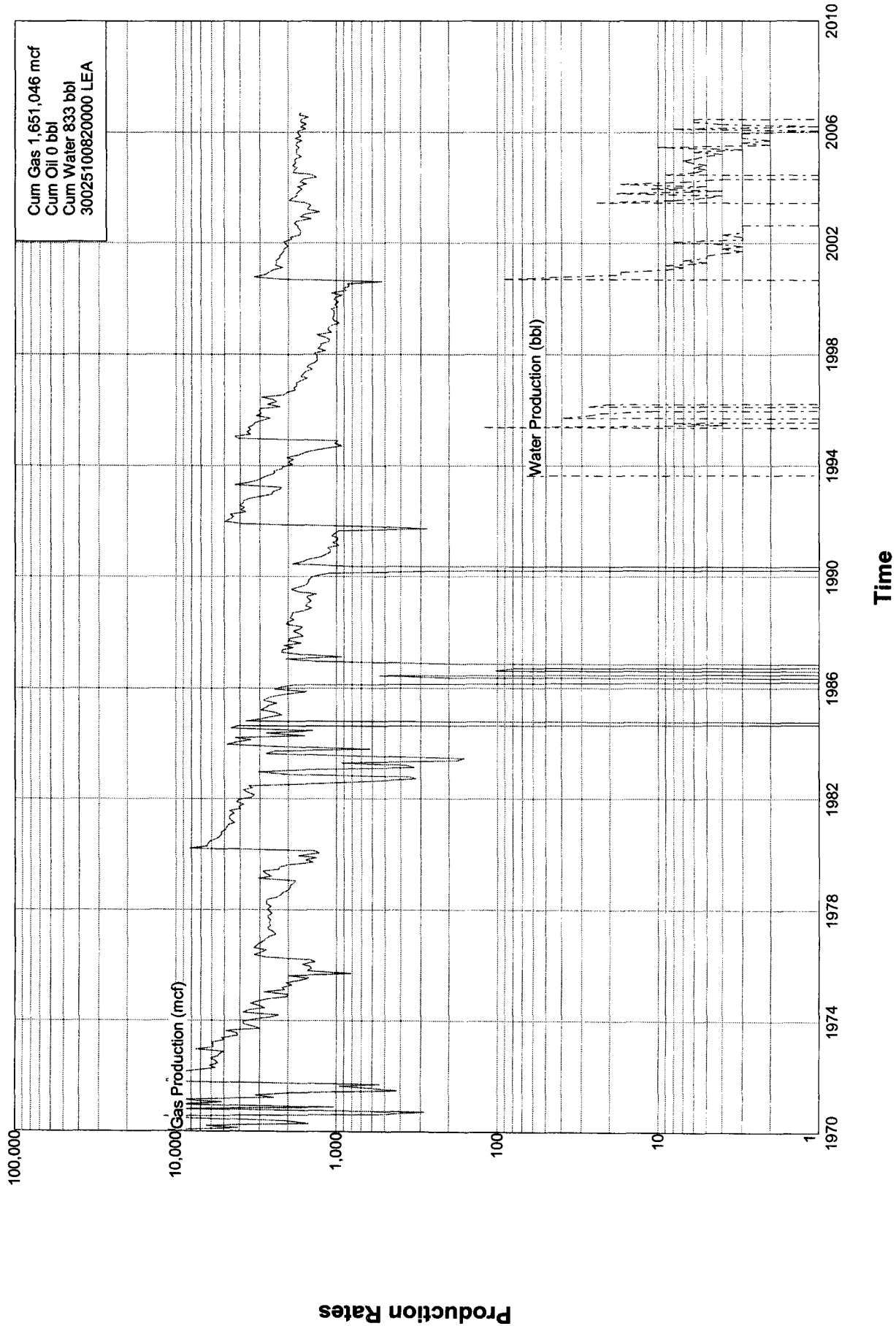


Elliott B - 6 # 1
Shut-in Well Head Pressure vs. Cum Gas Plot
Unit M, Sec 6 T-22-S, R-37-E
Lea County, New Mexico

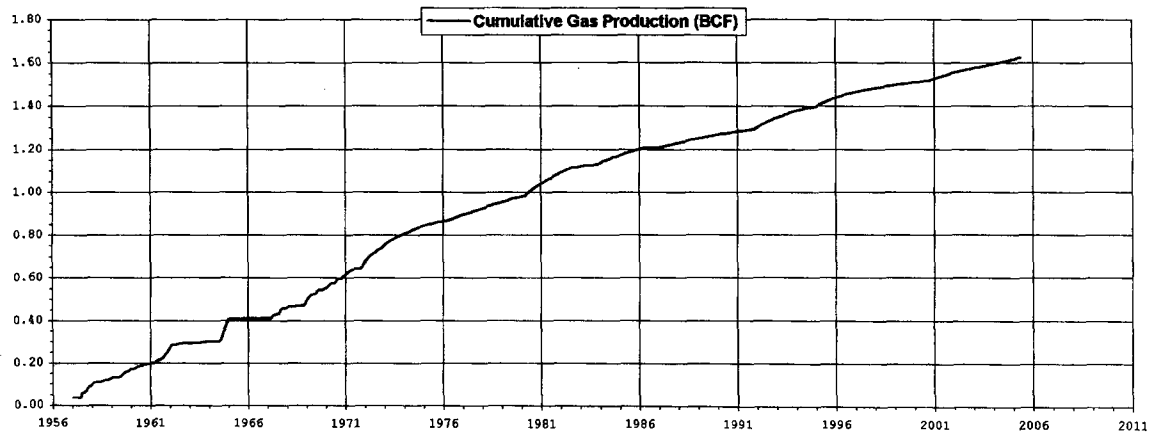
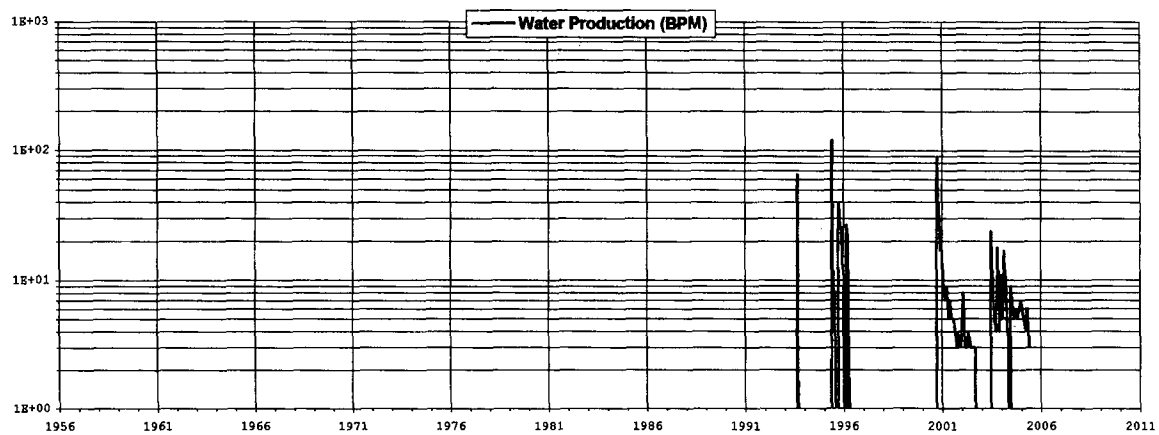
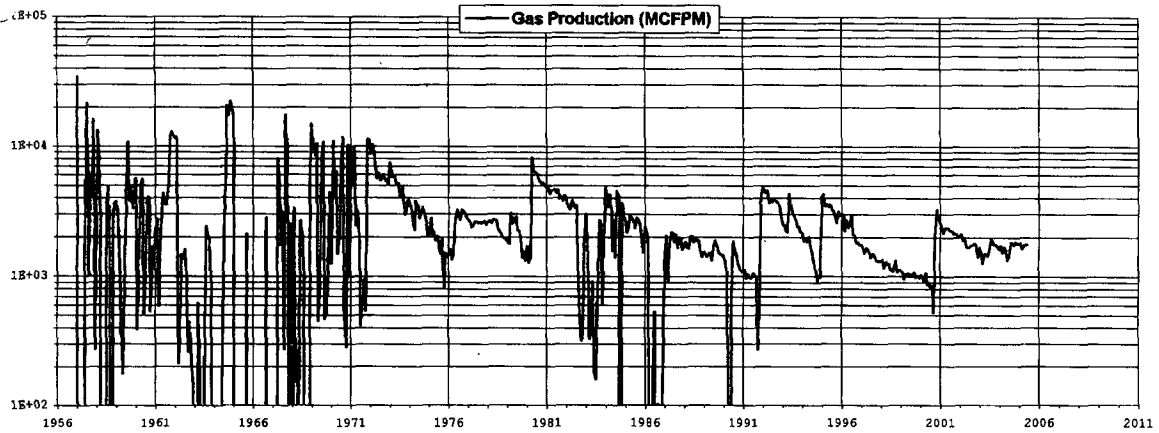


Lease Name: ELLIOTT B 6
County, State: LEA, NM
Operator: PLANTATION OPERATING LLC
Field: EUMONT
Reservoir: YATES-SEVEN RIVERS-Q
Location: 6 22S 37E

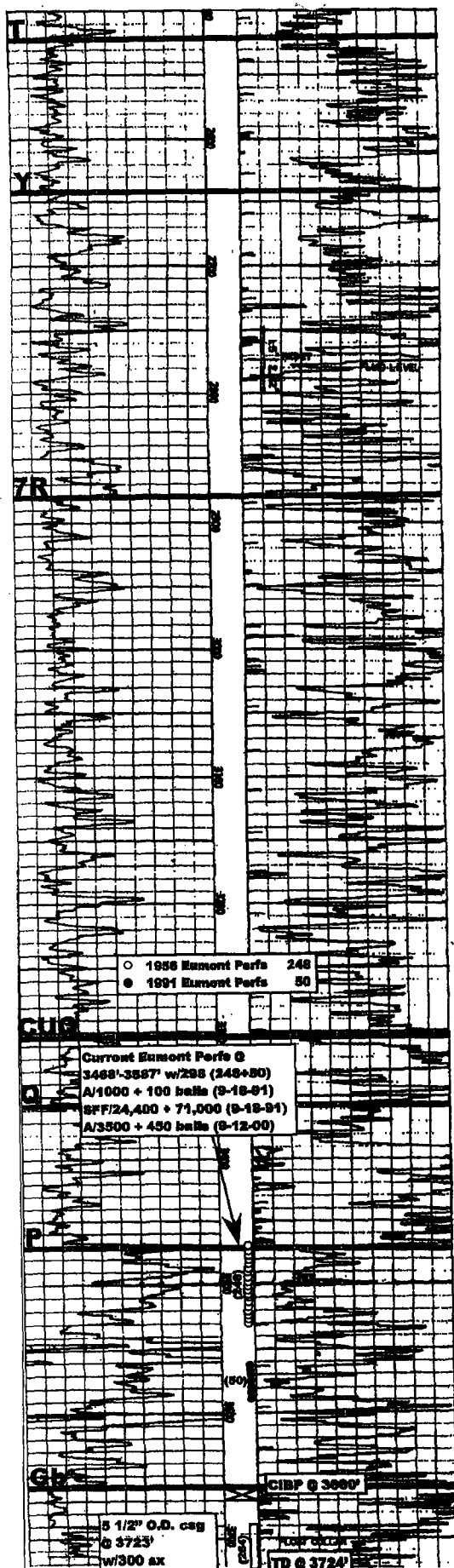
ELLIOTT B 6 1 6 22S 37E EUMONT Active



49 Year Production History
Elliott B-6 #1
Eumont (Yates/Seven Rivers/Queen)
M-06-22S-37E
Doyle Hartman



05/2005: 1.624 BCF, 0 MBO



M-06-22S-37E

COMPANY Doyl Hartman
(Rowan/Texaco Pacific/Sun/Meridian)

WELL Elliott "B-6" No. 1

FIELD Eumont/Arrowhead

LOCATION 330' FSL & 610' FWL (M)
Section 6, T-22-S, R-37-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB
DF 3461'

DFC 2' GL 3459'

COMPLETION RECORD

SPUD DATE 9-26-44 COMP DATE 8-2-45

TD 3724' PBTD 3722'

CSG RECORD 8 5/8" @ 1056' w/575 sx (Circ)
5 1/2" @ 3723' w/300 sx

COMP INTERVAL 3690'-3722' w/264

STIMULATION A/6000 (1000 + 5000)

WELL TEST F/205 BOPD + 619 MCFPD (8-2-45)

REMARKS AND SUBSEQUENT HISTORY

12-16-44 to 8-2-45: Rigged up cable tools. Drilled 15 1/2" hole to 461'. Set 13" O.D. csg at 461'. Drilled 12 1/2" hole to 667'. Set 10 3/4" O.D. csg at 667'. Drilled 10" hole to 1061'. Set 8 5/8" O.D. csg at 1061'. Pulled 13" O.D. csg and 10 3/4" O.D. csg. Cmt'd 8 5/8" O.D. csg w/575 sx. Circ cmt. Drilled 8" hole to 3656'. Set 7" O.D. csg at 3656'. Drilled 6 1/4" hole to 3724'. First free oil at 3683' to 3692'. Increase in oil and gas at 3715'. A/1000 (3656'-3724'). F/26 BOPD. Pulled 7" O.D. csg. Set 5 1/2" O.D. csg at 3723'. Cmt'd 5 1/2" O.D. csg w/300 sx. Perf'd 3690'-3722' w/264. A/6000 (1000 + 5000) (3690'-3724'). F/205 BOPD.

1-26-46 to 1-27-46: Set anchor-pkr at 3705'. F/140 BOPD; choke = 9/64.

10-31-56 to 11-17-56: Killed Arrowhead. Ran GRN-CCL log. Set CIBP at 3650'. Perf'd Eumont 3468'-3530' w/248. SFF/8000 + 8000, at 5.2 BPM (3468'-3530'). F/3000 MCFPD; Choke = 24/64; FTP = 700 psi. Killed Eumont. DO and CO to 3722'. Set pkr at 3617'. Returned to production as gas-oil dual (Eumont/Arrowhead).

3-21-72 to 3-27-72: Pulled 2 3/8" O.D. tbg and prod pkr. Repaired Camco mandrel leak. Returned well to production.

9-14-91 to 9-18-91: Pulled 2 3/8" O.D. tbg and prod pkr. Ran GR-CCL log. Set CIBP at 3660'. Perf'd Eumont 3563'-3587' w/50. A/1000 + 100 balls, at 4 BPM (3563'-3587'). SFF/24,400 + 71,000, at 25 BPM (3468'-3587'). CO 3475'-3660'. Landed 2 3/8" O.D. tbg at 3442'. POP.

5-96: Change of Operations (Meridian to Hartman).

8-3-00 to 8-11-00: Pulled rods and pump. Pulled 47 jts of 2 3/8" O.D. tbg (above tbg part). Dug out around well. Installed new 5 1/2" O.D. x 14' tieback nipple and new 8 5/8" O.D. x 15' tieback nipple. Installed 54" O.D. x 15' steel cellar can. Filled cellar can with Redi-mix concrete.

9-5-00 to 9-13-00: Fished and recovered remainder of parted tbg. CO from 3595'-3652'. Pressure tested 5 1/2" O.D. csg to 830 psi (0'-3410'). A/3500 + 450 balls, at 7 BPM (3468'-3587'); TP_m = 1918 psi; TP_m = 1027 psi. Landed 2 3/8" O.D. tbg at 3636'. POP @ 6.6 x 64 x 1 1/4.

9-18-00: P/127 MCFPD + 6 BWPD; CP = 14 psi.

Form 3160-5
(July 1989)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIPT
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on reverse
side)

BLM Roswell District
Modified Form No.
NM060-3160-4

5. LEASE DESIGNATION AND SERIAL NO.
NM-1410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

Meridian Oil Inc

3. ADDRESS OF OPERATOR

P.O. Box 51810, Midland, TX 79710-1810

3a. AREA CODE & PHONE NO.

(915)688-6943

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

M, 330' FSL & 610' FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elliott B-6

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Eumont (Yates-Rvrs-Qn)

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 6, T-22-S, R-37-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3457' GR

12. COUNTY OR PARISH

Lea

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

REPAIR WELL

(Other)

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.)*

Plug back the Grayburg & refrac the Penrose Sand.

9/14/91 Perf 3563-3587', 50 hole, 2SPF.

9/15/91 - 9/16/91 Acidize w/ 1000 gl 15% NEFe. Frac w/ 18.6 M 50 gl CO₂, 7IM 12/20 sand.

9/17/91 CO to 3660'.

9/18/91 RIH w/ 2" x 1 1/4" x 16' RHBC.

9/18/91 Turn to Production.

RECEIVED FOR RECORD

Adm

APR 26 1992

CARISBAND, NEW MEXICO

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

SIGNED

Roxann Scholz

TITLE

Production Asst

DATE

04/10/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

LEA NM
 ELLIOTT B 6 1
 PLANTATION OPERATING LLC
 ACTIVE

Detailed Production Report

Lease Name:	ELLIOTT B 6	Well Number:	1
Lease Number:	019034	Cum Oil:	
Operator Name:	PLANTATION OPERATING LLC	Cum Gas:	1,651,046
State:	NEW MEXICO	Cum Water:	833 since AUG 1993
County:	LEA	First Production Date:	
Field:	EUMONT	Last Production Date:	SEP 2006
Sec Twn Rng:	6 22S 37E	Spot:	
Latitude/Longitude:	32.41429 -103.20813	Lat/Long Source:	IH
Regulatory #:		Completion Date:	
API:	30025100820000	Total Depth:	
Production ID:	2300210251008276480	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	0.897
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production		(37 years)	
Year	Oil BBLS	Gas MCF	Water BBLS

Beginning	
Cum:	550,228
1970	66,625
1971	56,624
1972	78,936
1973	54,856
1974	34,385
1975	21,372
1976	31,187
1977	30,900
1978	27,829
1979	25,588
1980	60,833
1981	51,904
1982	28,515
1983	16,872
1984	35,439
1985	29,264
1986	6,496
1987	21,924
1988	21,317
1989	18,600
1990	13,066

1991	17,773	
1992	45,568	
1993	32,730	66
1994	20,562	
1995	39,376	233
1996	27,082	48
1997	17,674	
1998	14,399	
1999	12,345	
2000	17,809	163
2001	26,733	65
2002	21,120	30
2003	19,505	74
2004	20,234	77
2005	20,756	50
2006	14,620	27
Totals:	<u>1,651,046</u>	<u>833</u>

Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on
JAN 1970		11,048				1	
FEB 1970		4,098				1	
MAR 1970		6,417				1	
APR 1970		1,489				1	
MAY 1970		2,076				1	
JUN 1970		7,998				1	
JUL 1970		11,810				1	
AUG 1970		539				1	
SEP 1970		285				1	
OCT 1970		10,267				1	
NOV 1970		1,027				1	
DEC 1970		9,571				1	
Totals: 1970	<u> </u>	<u>66,625</u>	<u> </u>				
JAN 1971		5,174				1	
FEB 1971		9,894				1	
MAR 1971		2,447				1	
APR 1971		3,182				1	
MAY 1971		1,957				1	
JUN 1971		420				1	
JUL 1971		603				1	
AUG 1971		950				1	
SEP 1971		539				1	
OCT 1971		11,421				1	
NOV 1971		11,311				1	
DEC 1971		8,726				1	
Totals: 1971	<u> </u>	<u>56,624</u>	<u> </u>				

JAN 1972	10,381	1
FEB 1972	9,208	1
MAR 1972	6,981	1
APR 1972	5,663	1
MAY 1972	6,162	1
JUN 1972	5,459	1
JUL 1972	5,657	1
AUG 1972	6,080	1
SEP 1972	5,492	1
OCT 1972	5,368	1
NOV 1972	5,006	1
DEC 1972	7,479	1

Totals:		
1972	<u>78,936</u>	

JAN 1973	5,828	1
FEB 1973	5,872	1
MAR 1973	5,896	1
APR 1973	5,024	1
MAY 1973	5,190	1
JUN 1973	4,109	1
JUL 1973	4,181	1
AUG 1973	4,847	1
SEP 1973	2,988	1
OCT 1973	3,296	1
NOV 1973	3,788	1
DEC 1973	3,837	1

Totals:		
1973	<u>54,856</u>	

JAN 1974	3,281	1
FEB 1974	2,590	1
MAR 1974	2,279	1
APR 1974	3,788	1
MAY 1974	3,512	1
JUN 1974	2,793	1
JUL 1974	3,016	1
AUG 1974	3,416	1
SEP 1974	3,001	1
OCT 1974	2,677	1
NOV 1974	2,027	1
DEC 1974	2,005	1

Totals:		
1974	<u>34,385</u>	

JAN 1975	2,801	1
FEB 1975	2,087	1
MAR 1975	2,173	1
APR 1975	1,891	1
MAY 1975	2,042	1
JUN 1975	1,702	1
JUL 1975	1,488	1
AUG 1975	1,961	1
SEP 1975	808	1
OCT 1975	1,518	1
NOV 1975	1,432	1
DEC 1975	1,469	1

Totals:			
1975		21,372	
JAN 1976		1,635	1
FEB 1976		1,347	1
MAR 1976		1,480	1
APR 1976		2,737	1
MAY 1976		3,269	1
JUN 1976		2,949	1
JUL 1976		2,724	1
AUG 1976		3,271	1
SEP 1976		3,162	1
OCT 1976		3,022	1
NOV 1976		2,833	1
DEC 1976		2,758	1
Totals:			
1976		31,187	
JAN 1977		2,590	1
FEB 1977		2,378	1
MAR 1977		2,464	1
APR 1977		2,623	1
MAY 1977		2,660	1
JUN 1977		2,563	1
JUL 1977		2,632	1
AUG 1977		2,561	1
SEP 1977		2,635	1
OCT 1977		2,670	1
NOV 1977		2,488	1
DEC 1977		2,636	1
Totals:			
1977		30,900	
JAN 1978		2,671	1
FEB 1978		2,553	1
MAR 1978		2,724	1
APR 1978		2,730	1
MAY 1978		2,695	1
JUN 1978		2,348	1
JUL 1978		2,230	1
AUG 1978		2,149	1
SEP 1978		1,991	1
OCT 1978		1,947	1
NOV 1978		1,940	1
DEC 1978		1,851	1
Totals:			
1978		27,829	
JAN 1979		1,793	1
FEB 1979		3,070	1
MAR 1979		2,545	1
APR 1979		2,739	1
MAY 1979		2,874	1
JUN 1979		2,286	1
JUL 1979		2,265	1
AUG 1979		2,003	1
SEP 1979		1,401	1

OCT 1979	1,563	1	
NOV 1979	1,331	1	
DEC 1979	1,718	1	
Totals: 1979	25,588		
JAN 1980	1,274	1	31
FEB 1980	1,383	1	29
MAR 1980	8,147	1	31
APR 1980	6,390	1	30
MAY 1980	6,304	1	31
JUN 1980	6,134	1	30
JUL 1980	5,655	1	31
AUG 1980	5,363	1	31
SEP 1980	5,208	1	30
OCT 1980	5,208	1	31
NOV 1980	4,922	1	30
DEC 1980	4,845	1	31
Totals: 1980	60,833		
JAN 1981	4,742	1	31
FEB 1981	4,301	1	28
MAR 1981	4,554	1	31
APR 1981	4,645	1	30
MAY 1981	4,623	1	31
JUN 1981	4,338	1	30
JUL 1981	4,626	1	31
AUG 1981	3,956	1	31
SEP 1981	4,074	1	30
OCT 1981	3,794	1	31
NOV 1981	4,184	1	30
DEC 1981	4,067	1	31
Totals: 1981	51,904		
JAN 1982	3,388	1	31
FEB 1982	3,259	1	28
MAR 1982	3,582	1	31
APR 1982	3,822	1	30
MAY 1982	3,348	1	31
JUN 1982	3,534	1	30
JUL 1982	1,290	1	6
AUG 1982	579	1	4
SEP 1982	319	1	1
OCT 1982	349	1	1
NOV 1982	2,018	1	8
DEC 1982	3,027	1	9
Totals: 1982	28,515		
JAN 1983	1,556	1	8
FEB 1983	327	1	2
MAR 1983	366	1	1
APR 1983	920	1	7
MAY 1983	177	1	31
JUN 1983	160	1	30
5 of 12			
1986	6,496		
JAN 1987	2,059	1	23
FEB 1987	928	1	8
MAR 1987	1,679	1	24
6 of 12			

JUL 1983	643	1	31
AUG 1983	2,728	1	31
SEP 1983	2,440	1	30
OCT 1983	615	1	31
NOV 1983	2,131	1	30
DEC 1983	4,809	1	31
Totals:			
1983	16,872		
JAN 1984	4,158	1	31
FEB 1984	3,417	1	23
MAR 1984	4,275	1	31
APR 1984	1,567	1	30
MAY 1984	2,716	1	31
JUN 1984	1,409	1	30
JUL 1984	4,556	1	31
AUG 1984	4,128	1	31
SEP 1984	0	0	0
OCT 1984	3,668	1	31
NOV 1984	2,915	1	30
DEC 1984	2,630	1	31
Totals:			
1984	35,439		
JAN 1985	2,183	1	31
FEB 1985	2,392	1	27
MAR 1985	2,957	1	31
APR 1985	2,769	1	26
MAY 1985	2,649	1	31
JUN 1985	2,364	1	30
JUL 1985	2,827	1	28
AUG 1985	2,700	1	31
SEP 1985	2,465	1	0
OCT 1985	2,027	1	0
NOV 1985	1,528	1	0
DEC 1985	2,403	1	0
Totals:			
1985	29,264		
JAN 1986	2,190	1	31
FEB 1986	1,844	1	28
MAR 1986	4	1	1
APR 1986	0	0	0
MAY 1986	200	1	4
JUN 1986	539	1	8
JUL 1986	0	0	0
AUG 1986	102	1	1
SEP 1986	79	1	1
OCT 1986	0	0	0
NOV 1986	174	1	1
DEC 1986	1,364	1	19
Totals:			
1986	6,496		
JAN 1987	2,059	1	23
FEB 1987	928	1	8
MAR 1987	1,679	1	24

APR 1987	2,194	1	29
MAY 1987	2,171	1	31
JUN 1987	1,856	1	30
JUL 1987	2,123	1	31
AUG 1987	1,659	1	31
SEP 1987	2,006	1	30
OCT 1987	1,937	1	31
NOV 1987	1,610	1	30
DEC 1987	1,702	1	26
Totals:			
1987	21,924		
JAN 1988	1,862	1	31
FEB 1988	1,686	1	29
MAR 1988	1,634	1	28
APR 1988	2,050	1	30
MAY 1988	2,016	1	27
JUN 1988	1,836	1	30
JUL 1988	1,936	1	31
AUG 1988	1,880	1	31
SEP 1988	1,880	1	30
OCT 1988	1,563	1	31
NOV 1988	1,425	1	30
DEC 1988	1,549	1	31
Totals:			
1988	21,317		
JAN 1989	1,511	1	31
FEB 1989	1,427	1	28
MAR 1989	1,495	1	26
APR 1989	1,529	1	30
MAY 1989	1,328	1	31
JUN 1989	1,717	1	30
JUL 1989	1,906	1	31
AUG 1989	1,732	1	31
SEP 1989	1,539	1	30
OCT 1989	1,498	1	31
NOV 1989	1,480	1	30
DEC 1989	1,438	1	28
Totals:			
1989	18,600		
JAN 1990	1,323	1	28
FEB 1990	1,106	1	28
MAR 1990	200	1	6
APR 1990	0	0	0
MAY 1990	847	1	10
JUN 1990	1,875	1	30
JUL 1990	1,618	1	31
AUG 1990	1,473	1	31
SEP 1990	1,259	1	30
OCT 1990	1,177	1	31
NOV 1990	1,096	1	30
DEC 1990	1,092	1	31
Totals:			
1990	13,066		

JAN 1991	1,137		1	31
FEB 1991	967		1	28
MAR 1991	1,050		1	31
APR 1991	980		1	30
MAY 1991	978		1	31
JUN 1991	1,066		1	30
JUL 1991	1,011		1	31
AUG 1991	969		1	31
SEP 1991	272		1	13
OCT 1991	594		1	27
NOV 1991	3,805		1	30
DEC 1991	4,944		1	31
Totals:				
1991	<u>17,773</u>			
JAN 1992	4,612		1	31
FEB 1992	4,373		1	26
MAR 1992	4,587		1	31
APR 1992	3,666		1	30
MAY 1992	3,950		1	31
JUN 1992	3,744		1	30
JUL 1992	4,023		1	31
AUG 1992	3,814		1	31
SEP 1992	3,780		1	30
OCT 1992	3,520		1	31
NOV 1992	2,983		1	30
DEC 1992	2,516		1	31
Totals:				
1992	<u>45,568</u>			
JAN 1993	2,496	0	1	31
FEB 1993	2,268	0	1	28
MAR 1993	2,200	0	1	31
APR 1993	4,303	0	1	30
MAY 1993	3,522	0	1	31
JUN 1993	3,091	0	1	30
JUL 1993	2,918	0	1	31
AUG 1993	2,700	66	1	31
SEP 1993	2,425	0	1	30
OCT 1993	2,451	0	1	30
NOV 1993	2,190	0	1	30
DEC 1993	2,166	0	1	31
Totals:				
1993	<u>32,730</u>	<u>66</u>		
JAN 1994	1,877		1	31
FEB 1994	1,988		1	28
MAR 1994	1,843		1	31
APR 1994	2,029		1	30
MAY 1994	1,731		1	31
JUN 1994	1,566		1	30
JUL 1994	1,338		1	31
AUG 1994	1,133		1	31
SEP 1994	926		1	30
OCT 1994	1,022		1	31
NOV 1994	983		1	25
DEC 1994	4,126		1	31

Totals:					
1994		20,562			
JAN 1995	4,268	0	1	31	
FEB 1995	3,431	0	1	28	
MAR 1995	3,612	0	1	31	
APR 1995	3,412	0	1	30	
MAY 1995	3,559	120	1	31	
JUN 1995	3,298	4	1	30	
JUL 1995	3,210	8	1	31	
AUG 1995	2,864	0	1	31	
SEP 1995	2,586	39	1	27	
OCT 1995	3,163	28	1	31	
NOV 1995	2,942	23	1	29	
DEC 1995	3,031	11	1	31	
Totals:					
1995	39,376	233			
JAN 1996	2,981	0	1	31	
FEB 1996	2,244	27	1	29	
MAR 1996	2,703	21	1	31	
APR 1996	2,372	0	1	30	
MAY 1996	2,483	0	1	31	
JUN 1996	2,938	0	1	30	
JUL 1996	2,134	0	1	31	
AUG 1996	2,036	0	1	31	
SEP 1996	1,814	0	1	30	
OCT 1996	1,846	0	1	31	
NOV 1996	1,759	0	1	30	
DEC 1996	1,772	0	1	31	
Totals:					
1996	27,082	48			
JAN 1997	1,660		1	31	
FEB 1997	1,512		1	28	
MAR 1997	1,667		1	31	
APR 1997	1,613		1	29	
MAY 1997	1,536		1	31	
JUN 1997	1,399		1	30	
JUL 1997	1,520		1	31	
AUG 1997	1,462		1	31	
SEP 1997	1,347		1	30	
OCT 1997	1,313		1	31	
NOV 1997	1,328		1	30	
DEC 1997	1,317		1	31	
Totals:					
1997	17,674				
JAN 1998	1,367		1	31	
FEB 1998	1,169		1	28	
MAR 1998	1,304		1	31	
APR 1998	1,247		1	30	
MAY 1998	1,253		1	31	
JUN 1998	1,120		1	30	
JUL 1998	1,102		1	31	
AUG 1998	1,182		1	31	
SEP 1998	1,323		1	30	

OCT 1998	1,075		1	31
NOV 1998	1,135		1	30
DEC 1998	1,122		1	31
Totals:				
1998	14,399			
JAN 1999	1,082		1	31
FEB 1999	963		1	28
MAR 1999	1,043		1	31
APR 1999	1,060		1	30
MAY 1999	1,043		1	31
JUN 1999	1,039		1	30
JUL 1999	1,034		1	30
AUG 1999	1,080		1	31
SEP 1999	983		1	30
OCT 1999	1,018		1	31
NOV 1999	973		1	30
DEC 1999	1,027		1	31
Totals:				
1999	12,345			
JAN 2000	1,013	0	1	31
FEB 2000	920	0	1	25
MAR 2000	1,071	0	1	31
APR 2000	868	0	1	30
MAY 2000	910	0	1	31
JUN 2000	830	0	1	30
JUL 2000	853	0	1	31
AUG 2000	523	0	1	24
SEP 2000	2,182	90	1	22
OCT 2000	3,279	39	1	31
NOV 2000	2,761	17	1	30
DEC 2000	2,599	17	1	31
Totals:				
2000	17,809	163		
JAN 2001	2,456	9	1	31
FEB 2001	2,166	7	1	28
MAR 2001	2,391	9	1	31
APR 2001	2,352	5	1	30
MAY 2001	2,376	7	1	31
JUN 2001	2,246	5	1	30
JUL 2001	2,251	5	1	31
AUG 2001	2,166	4	1	31
SEP 2001	2,127	3	1	30
OCT 2001	2,130	4	1	31
NOV 2001	2,006	3	1	30
DEC 2001	2,066	4	1	31
Totals:				
2001	26,733	65		
JAN 2002	2,123	8	1	31
FEB 2002	1,898	3	1	28
MAR 2002	1,928	3	1	31
APR 2002	1,688	4	1	30
MAY 2002	1,672	3	1	31
JUN 2002	1,677	3	1	30

JUL 2002	1,731	3	1	31
AUG 2002	1,734	3	1	31
SEP 2002	1,823		1	30
OCT 2002	1,752		1	31
NOV 2002	1,418		1	30
DEC 2002	1,676		1	31
Totals: 2002	<u>21,120</u>	<u>30</u>		
JAN 2003	1,554	0	1	31
FEB 2003	1,267	0	1	28
MAR 2003	1,509	0	1	31
APR 2003	1,486	0	1	30
MAY 2003	1,439	0	1	31
JUN 2003	1,574	24	1	30
JUL 2003	1,971	8	1	31
AUG 2003	1,866	5	1	31
SEP 2003	1,757	4	1	30
OCT 2003	1,765	18	1	31
NOV 2003	1,691	4	1	30
DEC 2003	1,626	11	1	31
Totals: 2003	<u>19,505</u>	<u>74</u>		
JAN 2004	1,740	5	1	31
FEB 2004	1,534	17	1	29
MAR 2004	1,685	7	1	31
APR 2004	1,612	4	1	30
MAY 2004	1,333	0	1	31
JUN 2004	1,420	9	1	30
JUL 2004	1,857	6	1	31
AUG 2004	1,821	5	1	31
SEP 2004	1,758	6	1	30
OCT 2004	1,872	5	1	31
NOV 2004	1,786	6	1	30
DEC 2004	1,816	7	1	31
Totals: 2004	<u>20,234</u>	<u>77</u>		
JAN 2005	1,798	6	1	31
FEB 2005	1,642	5	1	28
MAR 2005	1,757	4	1	30
APR 2005	1,773	6	1	30
MAY 2005	1,772	3	1	31
JUN 2005	1,693	10	1	30
JUL 2005	1,769	2	1	31
AUG 2005	1,755	3	1	31
SEP 2005	1,629	2	1	30
OCT 2005	1,802	3	1	31
NOV 2005	1,651	3	1	30
DEC 2005	1,715	3	1	31
Totals: 2005	<u>20,756</u>	<u>50</u>		
JAN 2006	1,727	1	1	31
FEB 2006	1,541	8	1	28
MAR 2006	1,668	1	1	31

APR 2006	1,530	4	1	30
MAY 2006	1,659	6	1	31
JUN 2006	1,647	6	1	30
JUL 2006	1,488	0	1	31
AUG 2006	1,698	0	1	31
SEP 2006	1,662	1	1	30

Totals:

Gas Tests

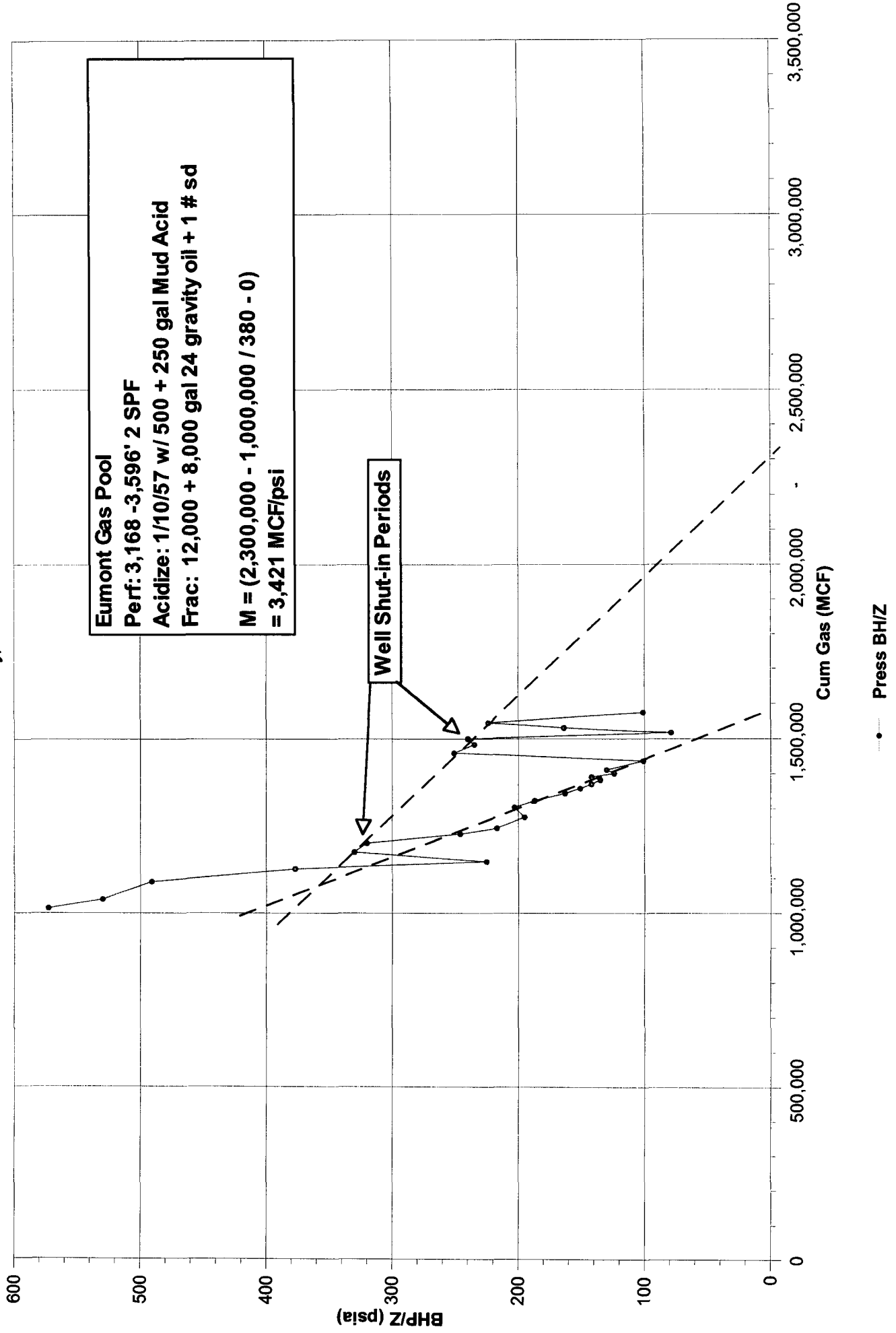
Total count: 30 27

API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number=====	Number=====	Date=====					B/D=====	B/D=====	MCFD=====	MCFD=====

First Test

30025100820000	1	19701029	306
30025100820000	1	19711029	277
30025100820000	1	19720711	330
30025100820000	1	19730730	293
30025100820000	1	19740806	271
30025100820000	1	19750805	193
30025100820000	1	19760816	307
30025100820000	1	19770822	308
30025100820000	1	19781003	293
30025100820000	1	19790917	128
30025100820000	1	19800811	177
30025100820000	1	19810325	190
30025100820000	1	19821008	258
30025100820000	1	19830815	277
30025100820000	1	19840731	200
30025100820000	1	19850417	161
30025100820000	1	19860921	254
30025100820000	1	19870724	222
30025100820000	1	19880514	161
30025100820000	1	19890803	76
30025100820000	1	19900307	73
30025100820000	1	19910716	73
30025100820000	1	19920721	93
30025100820000	1	19931015	113
30025100820000	1	19951106	60
30025100820000	1	19970816	66
30025100820000	1	19980708	113
30025100820000	1	19990718	113
30025100820000	1	20000907	118
30025100820000	1	20010809	57

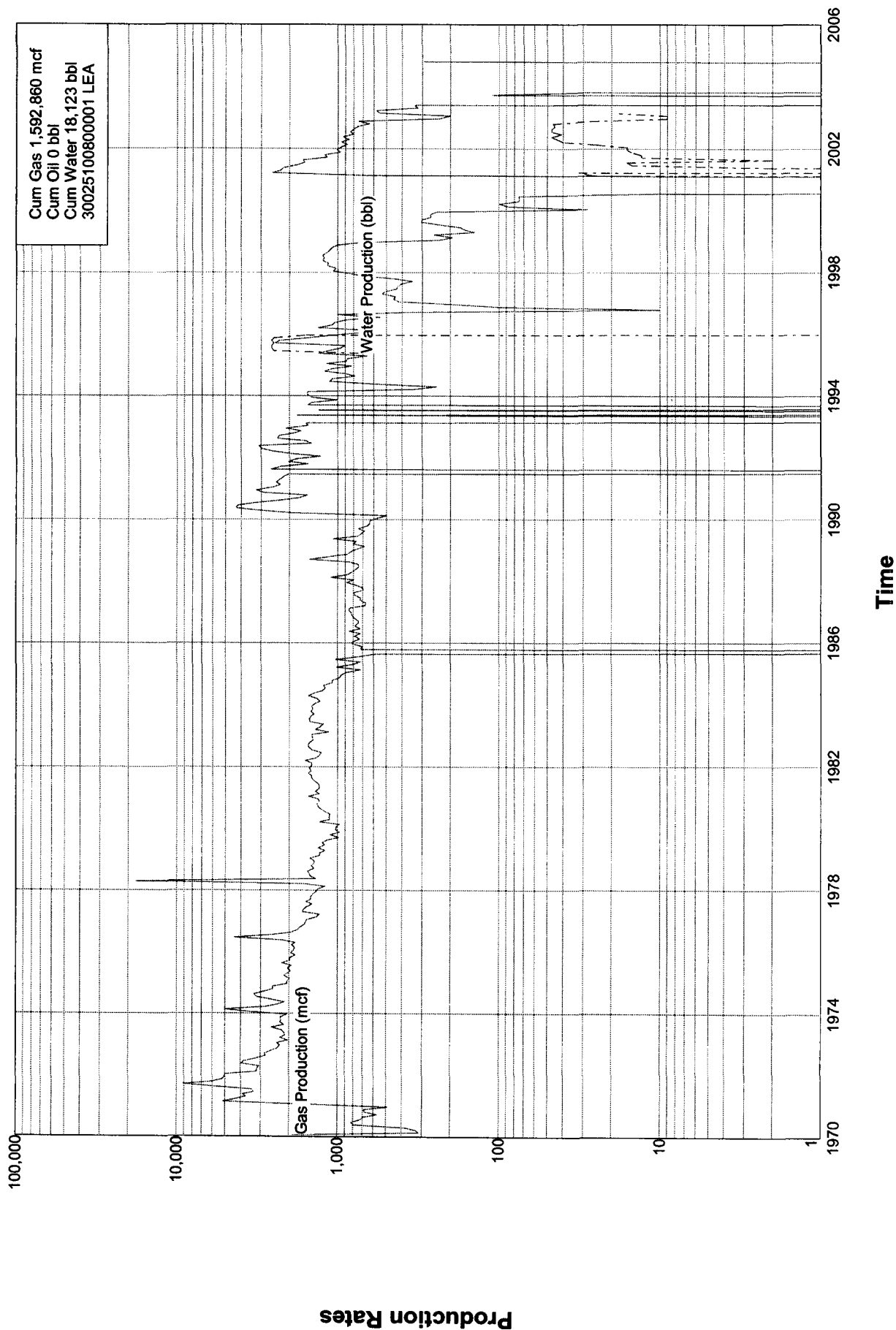
H T Mattern NCT D # 6 **BHP/Z Pressure vs. Cum Gas Plot** **Unit N, Sec 6 T-22-S, R-37-E** **Lea County, New Mexico**



Lease Name: H T MATTERN NCT D
County, State: LEA, NM
Operator: XTO ENERGY INCORPORATED
Field: EUMONT
Reservoir: YATES-SEVEN RIVERS-Q
Location: 6 22S 37E

N -

H T MATTERN NCT D 6 22S 37E EUMONT Inactive



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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☒
1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator Gulf Oil Corporation		7. Unit Agreement Name
3. Address of Operator Box 670, Hobbs, New Mexico		8. Farm or Lease Name H. T. Mattern (NCT-D)
4. Location of Well UNIT <u>N</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>6</u> TOWNSHIP <u>22-8</u> RANGE <u>37-E</u> NMPM.		9. Well No. 6
15. Elevation (Show whether DF, RT, GR, etc.) 3469 GL		10. Field and Pool, or Wildcat Amount Gas
		12. County Lea

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

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

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐
Acidized

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

3620' PB.

Treated formation down tubing thru 5-1/2" casing perforations 3168 - 3596' with 750 gallons of 15% HCl acid. Flushed with 23 barrels of water. AIR 6 bpm, TP 0 - 1200#. Returned well to production.

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

ORIGINAL SIGNED BY
C. D. BORLAND

SIGNED _____

TITLE **Area Production Manager**

DATE **May 19, 1965**

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

P. O. DRAWER 1290 · FORT WORTH 1, TEXAS

B. E. THOMPSON
DIVISION PRODUCTION MANAGER

March 13, 1957

FORT WORTH
PRODUCTION DIVISION

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

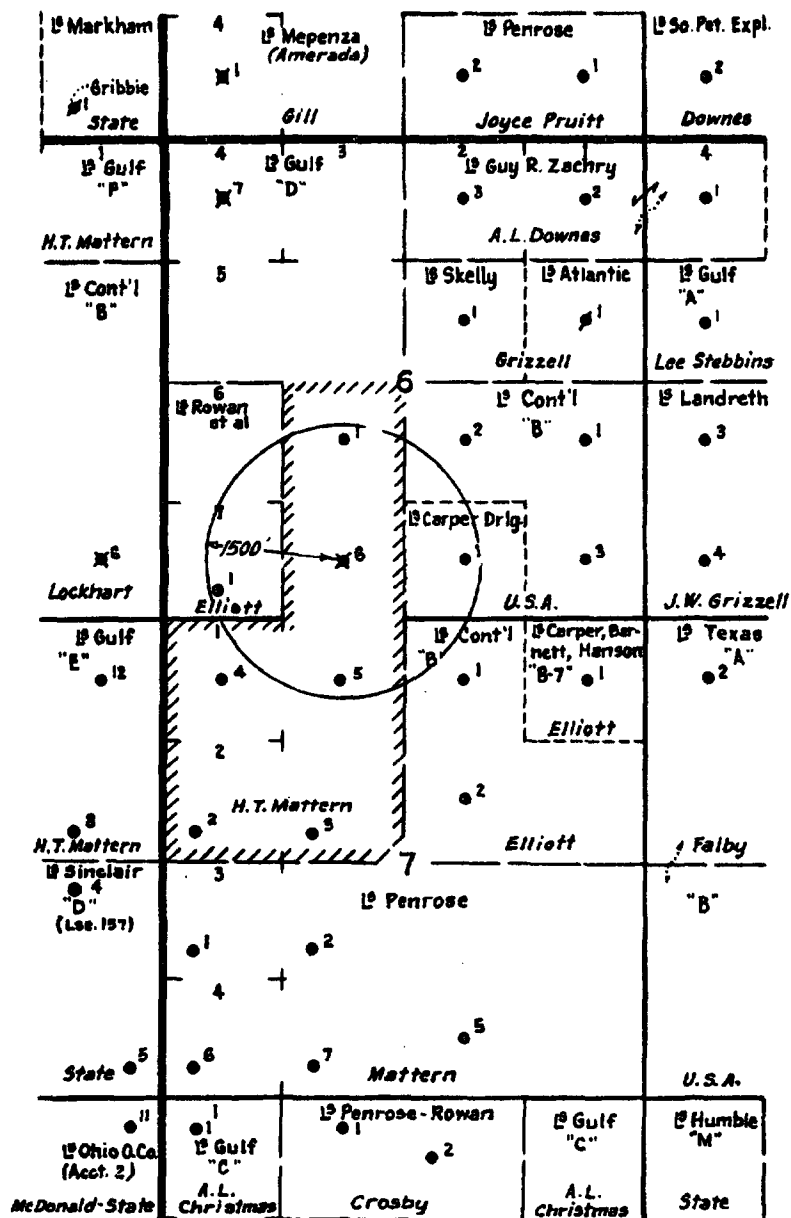
Re: Application for 234-Acre Eumont Non-Standard Gas
Proration Unit to be Assigned to Gulf Oil Corpo-
ration's H. T. Mattern "D" Well No. 6

Gentlemen:

Gulf Oil Corporation respectfully submits application for a 234-acre non-standard gas proration unit to include the E/2 of the SW/4 of Section 6 and the NW/4 of Section 7, T-22-S, R-37-E, Lea County, New Mexico. The above-described acreage will be assigned to Gulf's H. T. Mattern "D" Well No. 6, recently recompleted as a single zone gas well in the Eumont Gas Pool. It is requested that the Commission set this matter for examiner hearing at an early date.

The following facts are offered in support of this application:

- (1) The above-described 234 acres comprise a portion of the H. T. Mattern "D" Lease which consists of the NW/4 and E/2 of the SW/4 of Section 6, and the NW/4 of Section 7, all in T-22-S, R-37-E. Gulf Oil Corporation is the owner and operator of the H. T. Mattern "D" Lease which is shown on the attached plat.
- (2) The proposed unit well, Gulf's H. T. Mattern "D" Well No. 6, is located 1980 feet from the west line and 660 feet from the south line of Section 6, T-22-S, R-37-E, Lea County, New Mexico. On January 3, 1957, this well was recompleted as a single zone gas well in the Eumont Gas Pool at a plug-back total depth of 3620 feet. The Queen Zone in the Eumont Gas Pool will produce through 5½-inch casing perforations from 3168-3190', 3210-3245', 3478-3528', and 3548-3596'.
- (3) Gulf Oil Corporation proposes that the above-described acreage be established as a non-standard 234-acre gas proration unit in exception to New Mexico Oil Conservation Commission Order No. R-520.



T
22
S

R-37-E

GULF OIL CORPORATION
FORT WORTH PRODUCTION DIVISION
Scale 1" = 2,000'

Proposed 234-Acre Non-Standard
Eumont Gas Unit Assigned to
Gulf's H. T. Mattern "D"
Well No. 6

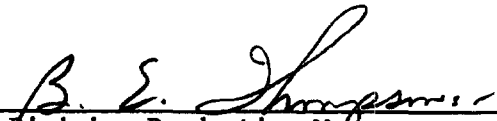
March 13, 1957

- (4) By copy of this letter of application, all operators owning interests in the sections in which the proposed unit is located and all operators within 1500 feet of the proposed unit well are notified of the intent of Gulf Oil Corporation to form the proposed non-standard gas proration unit.

Respectfully submitted,

GULF OIL CORPORATION

By:


Division Production Manager

cc: Oil Conservation Commission

P. O. Box 2045
Hobbs, New Mexico

The Atlantic Refining Company
P. O. Box 871
Midland, Texas

John A. Barnett
P. O. Box 670
Roswell, New Mexico

Carper Drilling Company
200 Carper Building
Artesia, New Mexico

Continental Oil Company
P. O. Box 427
Hobbs, New Mexico

N. G. Penrose, Inc.
1815 Fair Building
Fort Worth, Texas

Rowan Oil Company
P. O. Box 1873
Midland, Texas

Skelly Oil Company
P. O. Box 38
Hobbs, New Mexico

Guy R. Zachry
Stark Building
Hobbs, New Mexico

H.T. MATERN NCT 0 #6

Abandoned Arrowhead Oil and Recompleted as Mamont Gas as follows:

1. Pulled 2-3/8" tubing. Ran 2-3/8" tubing with cement retainer at 3630'. Squeeze cemented open hole below retainer with 103 sacks cement. Maximum Pressure 3000#. Pulled tubing.
2. Perforated 5-1/2" casing from 3168-3190', 3210-3245', 3478-3528' and 3548-3596' with 2, 1/2" jet holes per foot. Ran 2-7/8" tubing with bridge plug at 3616' and parent packer at 3438'. Spotted 500 gallons mud acid on perforations in 5-1/2" casing from 3478-3496', squeezed in formation. Treated formation thru perforations in 5-1/2" casing from 3478-3496' with 12,000 gallons 24 gravity oil with 1# sand per gallon. Injection rate 11 bbls per minute. Reset bridge plug at 3300' and parent packer at 3112'. Spotted 250 gallons mud acid on perforations in 5-1/2" casing from 3168-3245', squeezed into formation. Treated formation thru perforations in 5-1/2" casing from 3168-3245' with 8000 gallons 24 gravity oil with 1# sand per gallon. Injection rate 12 bbls per minute. Swabbed and well kicked off.
3. Pulled 2-7/8" tubing, bridge plug and parent packer. Ran 115 joints 2-3/8" tubing set at 3604'. Swabbed and well kicked off; flowed at a rate of 1012 MCF with 600# back pressure.

DC-338

GULF OIL CORPORATION
FORT WORTH PRODUCTION DIVISION
P. O. BOX 2167
Hobbs, New Mexico

1956 AUG 13 AM 3:12

August 13, 1956

Due 8/25/56

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Application to Dually Complete
Gulf Oil Corporation's H. T.
Mattern "D" No. 6, Eumont Gas
and Arrowhead Oil Pools, Lea
County, New Mexico

Gentlemen:

By this letter of application, Gulf Oil Corporation wishes to state the following:

(a) That Gulf Oil Corporation's H. T. Mattern "D" No. 6, located in the C SE/4 SW/4 of Section 6-22S-37E, was completed on 6-22-48 at a total depth of 3745'. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation's H. T. Mattern "D" Lease together with the location of all off-set wells. The attached Exhibit "B" shows a diagrammatic sketch of the proposed dual completion.

(b) That subject well has 5-1/2" casing set at 3655' and cemented with 600 sacks of cement. The well is an oil well producing from the open hole interval from 3655-3745' from the Grayburg formation in the Arrowhead Pool.

(c) That the applicant proposes to dually complete the well in the following manner:

1. Perforate the 5 1/2" casing within the approximate intervals of 3400-3575' in the Queen formation in the Eumont Gas Pool.
2. Set production type packer below these perforations at approximately 3625' to separate the two pay zones.
3. Produce the Arrowhead Pool oil through the tubing and the Eumont gas through the tubing-casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Eumont and oil from the Arrowhead is in the interest of conservation and the protection of correlative rights.

(e) That the applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

(f) That the manner and method of the proposed dual completion is mechanically feasible and practical.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
☒ Recompletion

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 QUADRUPPLICATE 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.

Fort Worth, Texas

1-10-57

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Gulf Oil Corporation

H. T. Mattern "D"

Well No. 6

in SE

1/4 SW

1/4

(Company or Operator)

(Lease)

N

Sec. 6

T. 22-S

R. 37-E

NMPM.

Bumont Gas

Pool

Unit Letter

Lee

County. Date Spudded

6-5-48

Date Completed

1-3-57

Recompletion started 8-21-56

Please indicate location:

D	C	B	A
E	F	G	H
I	K	J	I
M	N	O	P

Elevation 3,469'

Total Depth 3,745'

P.B. 3,620'

Top oil/gas pay 3,168'

Name of Prod. Form Queen

Casing Perforations 3168-3190', 3210-3245', 3478-3528', 3548-3596'

Depth to Casing shoe of Prod. String

Natural Prod. Test

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Maximum flow rate on initial test 1,012

Gas Well Potential MCF/Day at a back pressure of 600 psi

Size choke in inches

Date first oil run to tanks or gas to Transmission system

Transporter taking Oil or Gas: Permian Basin Pipeline Company

Casing and Cementing Record

Size Feet Sax

9 5/8"	318	200
5 1/2"	3,655	600

Remarks: Filed in compliance with Rule 11, Order R-520. Application for a non-standard gas production unit will be submitted.

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

Approved, 19

Gulf Oil Corporation

(Company or Operator)

OIL CONSERVATION COMMISSION

By:

J. R. Sherman

(Signature)

By:

E. Fischer

Title:

Division Gas Engineer

Send Communications regarding well to:

Title

Name:

Gulf Oil Corporation

Address:

Hobbs, New Mexico

LEA NM
H T MATTERN NCT D 6
XTO ENERGY INCORPORATED
INACTIVE

Detailed Production Report

Lease Name:	H T MATTERN NCT D	Well Number:	6
Lease Number:	002685	Cum Oil:	
Operator Name:	XTO ENERGY INCORPORATED	Cum Gas:	1,592,860
State:	NEW MEXICO	Cum Water:	18,123 since MAY 1995
County:	LEA	First Production Date:	
Field:	EUMONT	Last Production Date:	OCT 2004
Sec Twn Rng:	6N 22S 37E	Spot:	
Latitude/Longitude:	32.41519 -103.20369	Lat/Long Source:	IH
Regulatory #:		Completion Date:	
API:	30025100800001	Total Depth:	
Production ID:	2300210251008076480	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	0.70
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	0.897
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	INACTIVE-PRIOR YEAR	GAS	

Annual Production	(35 years)		
Year	Oil	Gas	Water
	BBLs	MCF	BBLs

Beginning	
Cum:	1,010,851
1970	8,367
1971	56,644
1972	38,115
1973	26,643
1974	34,693
1975	24,056
1976	25,150
1977	17,724
1978	33,529
1979	14,274
1980	14,390
1981	16,850
1982	17,201
1983	16,658
1984	14,683
1985	8,707
1986	9,289
1987	9,115
1988	11,031
1989	8,885
1990	29,525

1991	23,986	
1992	25,159	
1993	11,642	
1994	11,279	
1995	15,335	17,513
1996	7,897	
1997	5,956	
1998	13,187	
1999	2,760	
2000	449	
2001	17,052	150
2002	9,368	433
2003	2,116	27
2004	294	
Totals:	<u>1,592,860</u>	<u>18,123</u>

Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld STB/MMCF	% Water	# of Wells	Days on
JAN 1970		1,886				1	
FEB 1970		312				1	
MAR 1970		325				1	
APR 1970		379				1	
MAY 1970		794				1	
JUN 1970		823				1	
JUL 1970		727				1	
AUG 1970		696				1	
SEP 1970		568				1	
OCT 1970		679				1	
NOV 1970		686				1	
DEC 1970		492				1	
Totals: 1970	<u> </u>	<u>8,367</u>	<u> </u>				
JAN 1971		1,649				1	
FEB 1971		5,141				1	
MAR 1971		4,328				1	
APR 1971		3,708				1	
MAY 1971		3,890				1	
JUN 1971		3,317				1	
JUL 1971		3,411				1	
AUG 1971		5,937				1	
SEP 1971		9,083				1	
OCT 1971		5,988				1	
NOV 1971		5,171				1	
DEC 1971		5,021				1	
Totals: 1971	<u> </u>	<u>56,644</u>	<u> </u>				
JAN 1972		4,943				1	
FEB 1972		3,179				1	

MAR 1972	3,145	1
APR 1972	3,051	1
MAY 1972	3,930	1
JUN 1972	3,821	1
JUL 1972	3,223	1
AUG 1972	2,781	1
SEP 1972	2,830	1
OCT 1972	2,588	1
NOV 1972	2,347	1
DEC 1972	2,277	1
Totals:		
1972	38,115	
JAN 1973	2,370	1
FEB 1973	2,032	1
MAR 1973	2,264	1
APR 1973	2,117	1
MAY 1973	2,141	1
JUN 1973	2,206	1
JUL 1973	2,555	1
AUG 1973	2,153	1
SEP 1973	2,259	1
OCT 1973	2,240	1
NOV 1973	2,251	1
DEC 1973	2,055	1
Totals:		
1973	26,643	
JAN 1974	3,430	1
FEB 1974	5,009	1
MAR 1974	2,770	1
APR 1974	2,332	1
MAY 1974	2,129	1
JUN 1974	2,557	1
JUL 1974	3,194	1
AUG 1974	3,292	1
SEP 1974	2,879	1
OCT 1974	2,526	1
NOV 1974	2,516	1
DEC 1974	2,059	1
Totals:		
1974	34,693	
JAN 1975	2,058	1
FEB 1975	1,977	1
MAR 1975	2,137	1
APR 1975	2,044	1
MAY 1975	1,950	1
JUN 1975	2,029	1
JUL 1975	1,922	1
AUG 1975	2,211	1
SEP 1975	1,985	1
OCT 1975	1,973	1
NOV 1975	1,828	1
DEC 1975	1,942	1
Totals:		
1975	24,056	

JAN 1976	1,869	1
FEB 1976	1,843	1
MAR 1976	1,919	1
APR 1976	1,839	1
MAY 1976	2,192	1
JUN 1976	4,367	1
JUL 1976	2,513	1
AUG 1976	1,950	1
SEP 1976	1,767	1
OCT 1976	1,710	1
NOV 1976	1,601	1
DEC 1976	1,580	1

Totals:		
1976	25,150	

JAN 1977	1,550	1
FEB 1977	1,348	1
MAR 1977	1,302	1
APR 1977	1,650	1
MAY 1977	1,627	1
JUN 1977	1,542	1
JUL 1977	1,434	1
AUG 1977	1,562	1
SEP 1977	1,466	1
OCT 1977	1,462	1
NOV 1977	1,422	1
DEC 1977	1,359	1

Totals:		
1977	17,724	

JAN 1978	1,327	1
FEB 1978	1,196	1
MAR 1978	1,609	1
APR 1978	17,867	1
MAY 1978	1,362	1
JUN 1978	1,477	1
JUL 1978	1,501	1
AUG 1978	1,535	1
SEP 1978	1,402	1
OCT 1978	1,458	1
NOV 1978	1,406	1
DEC 1978	1,389	1

Totals:		
1978	33,529	

JAN 1979	1,483	1
FEB 1979	1,290	1
MAR 1979	1,287	1
APR 1979	1,195	1
MAY 1979	1,318	1
JUN 1979	1,204	1
JUL 1979	1,241	1
AUG 1979	1,160	1
SEP 1979	984	1
OCT 1979	1,112	1
NOV 1979	971	1

DEC 1979	1,029	1	
Totals:			
1979	14,274		
JAN 1980	1,023	1	31
FEB 1980	973	1	29
MAR 1980	1,294	1	28
APR 1980	1,119	1	30
MAY 1980	1,128	1	31
JUN 1980	1,116	1	30
JUL 1980	1,199	1	31
AUG 1980	1,261	1	31
SEP 1980	1,317	1	29
OCT 1980	1,341	1	31
NOV 1980	1,302	1	30
DEC 1980	1,317	1	31
Totals:			
1980	14,390		
JAN 1981	1,510	1	28
FEB 1981	1,291	1	28
MAR 1981	1,370	1	13
APR 1981	1,306	1	30
MAY 1981	1,295	1	31
JUN 1981	1,316	1	30
JUL 1981	1,393	1	31
AUG 1981	1,444	1	31
SEP 1981	1,449	1	30
OCT 1981	1,523	1	31
NOV 1981	1,458	1	30
DEC 1981	1,495	1	31
Totals:			
1981	16,850		
JAN 1982	1,439	1	31
FEB 1982	1,456	1	25
MAR 1982	1,587	1	31
APR 1982	1,354	1	30
MAY 1982	1,294	1	31
JUN 1982	1,260	1	30
JUL 1982	1,440	1	31
AUG 1982	1,511	1	31
SEP 1982	1,522	1	30
OCT 1982	1,486	1	31
NOV 1982	1,413	1	30
DEC 1982	1,439	1	31
Totals:			
1982	17,201		
JAN 1983	1,445	1	31
FEB 1983	1,133	1	28
MAR 1983	1,368	1	31
APR 1983	1,289	1	30
MAY 1983	1,223	1	26
JUN 1983	1,479	1	30
JUL 1983	1,503	1	31
AUG 1983	1,471	1	31

SEP 1983	1,403	1	30
OCT 1983	1,464	1	31
NOV 1983	1,429	1	30
DEC 1983	1,451	1	31
Totals:			
1983	16,658		
JAN 1984	1,376	1	31
FEB 1984	1,281	1	29
MAR 1984	1,351	1	28
APR 1984	1,516	1	30
MAY 1984	1,400	1	31
JUN 1984	1,244	1	30
JUL 1984	1,196	1	31
AUG 1984	1,219	1	27
SEP 1984	1,089	1	30
OCT 1984	1,079	1	31
NOV 1984	976	1	30
DEC 1984	956	1	31
Totals:			
1984	14,683		
JAN 1985	880	1	31
FEB 1985	724	1	25
MAR 1985	1,016	1	31
APR 1985	801	1	30
MAY 1985	720	1	24
JUN 1985	1,021	1	30
JUL 1985	737	1	31
AUG 1985	583	1	25
SEP 1985	0	0	0
OCT 1985	719	1	0
NOV 1985	699	1	0
DEC 1985	807	1	0
Totals:			
1985	8,707		
JAN 1986	801	1	31
FEB 1986	723	1	28
MAR 1986	788	1	28
APR 1986	720	1	29
MAY 1986	844	1	30
JUN 1986	724	1	28
JUL 1986	780	1	31
AUG 1986	745	1	31
SEP 1986	741	1	29
OCT 1986	787	1	28
NOV 1986	814	1	30
DEC 1986	822	1	31
Totals:			
1986	9,289		
JAN 1987	848	1	31
FEB 1987	848	1	28
MAR 1987	673	1	31
APR 1987	669	1	30
MAY 1987	720	1	31

JUN 1987	724	1	30
JUL 1987	783	1	0
AUG 1987	792	1	31
SEP 1987	692	1	30
OCT 1987	704	1	28
NOV 1987	783	1	0
DEC 1987	879	1	31
Totals:			
1987	9,115		
JAN 1988	797	1	31
FEB 1988	1,097	1	27
MAR 1988	870	1	31
APR 1988	818	1	27
MAY 1988	784	1	31
JUN 1988	737	1	30
JUL 1988	746	1	31
AUG 1988	846	1	31
SEP 1988	1,491	1	30
OCT 1988	1,141	1	31
NOV 1988	871	1	30
DEC 1988	833	1	31
Totals:			
1988	11,031		
JAN 1989	760	1	31
FEB 1989	684	1	28
MAR 1989	800	1	31
APR 1989	769	1	30
MAY 1989	1,061	1	31
JUN 1989	748	1	0
JUL 1989	714	1	31
AUG 1989	682	1	30
SEP 1989	742	1	26
OCT 1989	657	1	31
NOV 1989	633	1	30
DEC 1989	635	1	31
Totals:			
1989	8,885		
JAN 1990	575	1	31
FEB 1990	497	1	28
MAR 1990	1,937	1	31
APR 1990	3,060	1	30
MAY 1990	4,302	1	0
JUN 1990	4,178	1	30
JUL 1990	3,277	1	31
AUG 1990	2,319	1	31
SEP 1990	1,743	1	30
OCT 1990	1,543	1	0
NOV 1990	2,875	1	30
DEC 1990	3,219	1	31
Totals:			
1990	29,525		
JAN 1991	2,551	1	31
FEB 1991	2,268	1	28

MAR 1991	2,410	1	31
APR 1991	2,299	1	30
MAY 1991	2,186	1	31
JUN 1991	2,036	1	30
JUL 1991	0	0	0
AUG 1991	2,597	1	31
SEP 1991	2,270	1	30
OCT 1991	1,536	1	31
NOV 1991	2,021	1	30
DEC 1991	1,812	1	31
Totals:			
1991	23,986		
JAN 1992	1,277	1	31
FEB 1992	1,948	1	29
MAR 1992	2,533	1	31
APR 1992	2,971	1	30
MAY 1992	3,109	1	31
JUN 1992	1,456	1	30
JUL 1992	1,574	1	29
AUG 1992	2,361	1	31
SEP 1992	2,292	1	30
OCT 1992	1,867	1	31
NOV 1992	1,683	1	0
DEC 1992	2,088	1	31
Totals:			
1992	25,159		
JAN 1993	1,530	1	31
FEB 1993	1,569	1	28
MAR 1993	0	0	0
APR 1993	0	0	0
MAY 1993	1,791	1	31
JUN 1993	0	0	0
JUL 1993	1,307	1	31
AUG 1993	0	0	0
SEP 1993	1,528	1	30
OCT 1993	1,442	1	31
NOV 1993	1,011	1	30
DEC 1993	1,464	1	31
Totals:			
1993	11,642		
JAN 1994	1,545	1	0
FEB 1994	1,545	1	0
MAR 1994	338	1	0
APR 1994	243	1	0
MAY 1994	595	1	0
JUN 1994	1,126	1	0
JUL 1994	1,083	1	0
AUG 1994	784	1	31
SEP 1994	897	1	30
OCT 1994	1,209	1	31
NOV 1994	1,096	1	30
DEC 1994	818	1	31
Totals:			
1994	11,279		

JAN 1995	1,168	0	1	31
FEB 1995	887	0	1	28
MAR 1995	868	0	1	31
APR 1995	662	0	1	30
MAY 1995	1,307	747	1	31
JUN 1995	1,153	2,490	1	30
JUL 1995	964	2,573	1	31
AUG 1995	900	2,573	1	31
SEP 1995	2,452	2,490	1	30
OCT 1995	2,314	2,573	1	31
NOV 1995	1,559	2,490	1	30
DEC 1995	1,101	1,577	1	31
Totals:				
1995	15,335	17,513		
JAN 1996	735		1	31
FEB 1996	615		1	29
MAR 1996	1,318		1	31
APR 1996	1,090		1	30
MAY 1996	1,044		1	31
JUN 1996	894		1	30
JUL 1996	547		1	31
AUG 1996	1,003		1	31
SEP 1996	351		1	30
OCT 1996	10		1	31
NOV 1996	96		1	30
DEC 1996	194		1	31
Totals:				
1996	7,897			
JAN 1997	421		1	31
FEB 1997	451		1	28
MAR 1997	439		1	31
APR 1997	530		1	30
MAY 1997	508		1	31
JUN 1997	434		1	30
JUL 1997	424		1	31
AUG 1997	403		1	31
SEP 1997	342		1	30
OCT 1997	442		1	31
NOV 1997	702		1	30
DEC 1997	860		1	31
Totals:				
1997	5,956			
JAN 1998	1,066		1	31
FEB 1998	1,029		1	28
MAR 1998	1,164		1	31
APR 1998	1,150		1	30
MAY 1998	1,239		1	31
JUN 1998	1,220		1	30
JUL 1998	1,244		1	31
AUG 1998	1,172		1	31
SEP 1998	1,121		1	30
OCT 1998	1,082		1	31
NOV 1998	992		1	30

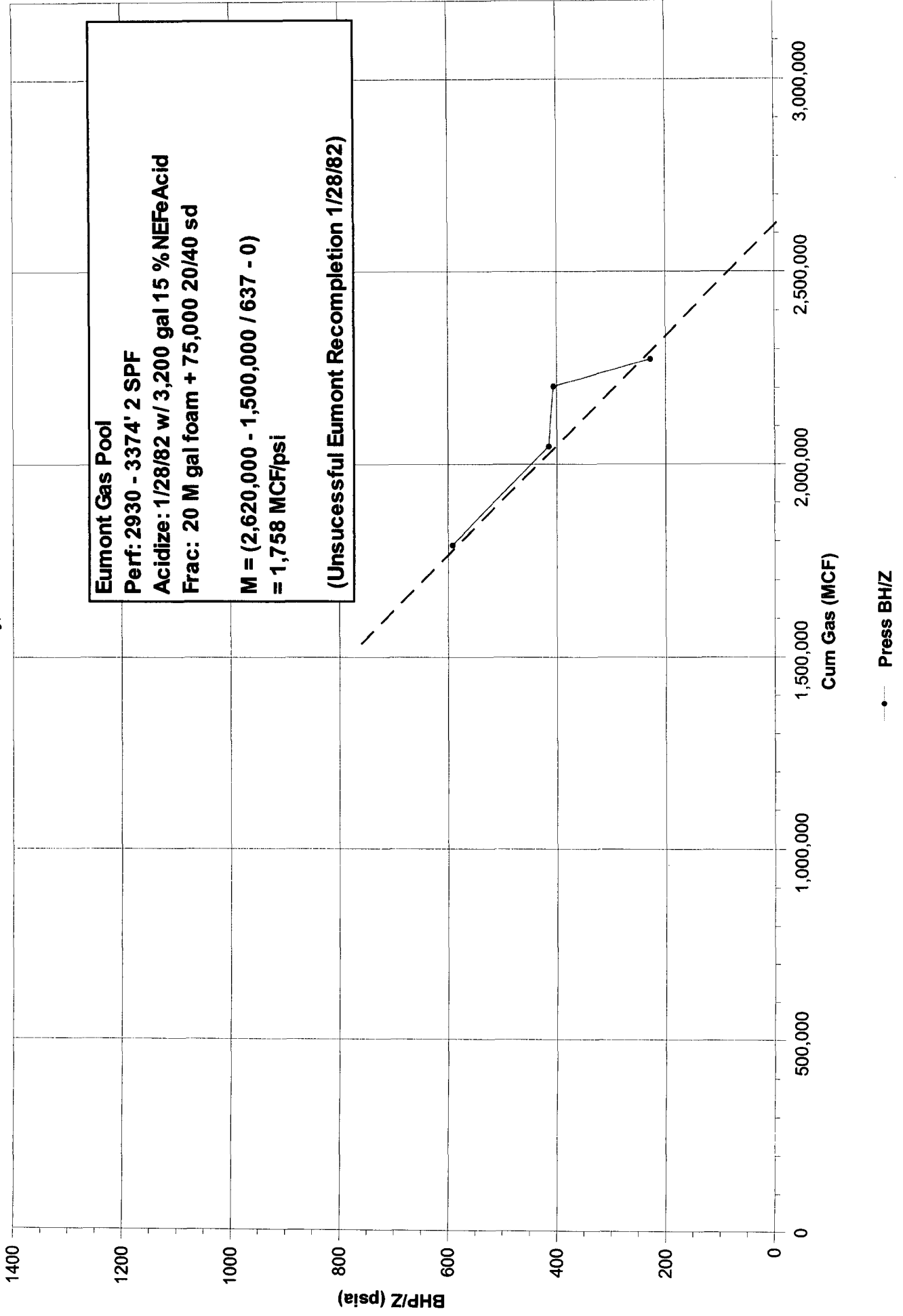
DEC 1998	708		1	31
Totals:				
1998	13,187			
JAN 1999	233		1	31
FEB 1999	193		1	28
MAR 1999	251		1	31
APR 1999	141		1	30
MAY 1999	163		1	31
JUN 1999	172		1	30
JUL 1999	236		1	31
AUG 1999	302		1	31
SEP 1999	300		1	30
OCT 1999	263		1	31
NOV 1999	266		1	30
DEC 1999	240		1	31
Totals:				
1999	2,760			
JAN 2000	28		1	20
FEB 2000	86		1	29
MAR 2000	100		1	31
APR 2000	75		1	30
MAY 2000	74		1	31
JUN 2000	75		1	30
JUL 2000	11		1	31
Totals:				
2000	449			
JAN 2001	0	0	0	0
FEB 2001	706	26	1	15
MAR 2001	2,551	32	1	31
APR 2001	2,258	0	1	30
MAY 2001	2,158	2	1	31
JUN 2001	1,785	15	1	30
JUL 2001	1,608	16	1	31
AUG 2001	1,642	2	1	31
SEP 2001	1,168	13	1	30
OCT 2001	1,202	13	1	28
NOV 2001	962	15	1	30
DEC 2001	1,012	16	1	31
Totals:				
2001	17,052	150		
JAN 2002	960	16	1	31
FEB 2002	874	25	1	28
MAR 2002	953	40	1	31
APR 2002	853	43	1	30
MAY 2002	927	47	1	31
JUN 2002	802	41	1	29
JUL 2002	837	47	1	31
AUG 2002	797	47	1	31
SEP 2002	751	45	1	30
OCT 2002	639	46	1	31
NOV 2002	742	27	1	20
DEC 2002	233	9	1	21
Totals:				

2002	9,368	433									
JAN 2003	201	9						1		19	
FEB 2003	550	18						1		28	
MAR 2003	575							1		31	
APR 2003	319							1		18	
MAY 2003	332							1		18	
JUN 2003	0							0		0	
JUL 2003	0							0		0	
AUG 2003	0							0		0	
SEP 2003	109							1		3	
OCT 2003	30							1		2	
Totals:											
2003	2,116	27									
JAN 2004	0							0		0	
FEB 2004	0							0		0	
MAR 2004	0							0		0	
APR 2004	0							0		0	
MAY 2004	0							0		0	
JUN 2004	0							0		0	
JUL 2004	0							0		0	
AUG 2004	0							0		0	
SEP 2004	0							0		0	
OCT 2004	294							1		1	
Totals:											
2004	294										
Gas Tests											
Total count: 28											
API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF	
Number	Number	Date					B/D	B/D	MCFD	MCFD	

First Test											
30025100800001	6	19571011	793		866	1000				1250	
30025100800001	6	19700716	483		525	573					
30025100800001	6	19710628	450		489	530					
30025100800001	6	19720512	419		455	491					
30025100800001	6	19730720	328		356	377					
30025100800001	6	19740307	201		217	225					
30025100800001	6	19750123	289		313	330					
30025100800001	6	19760213	281		304	320					
30025100800001	6	19770325	219		237	246					
30025100800001	6	19780310	194		210	217					
30025100800001	6	19790122	175		189	195					
30025100800001	6	19810109	182		197	203					
30025100800001	6	19820211	168		182	187					
30025100800001	6	19830519	147		159	163					
30025100800001	6	19840323	137		148	151					
30025100800001	6	19850228	129		139	142					
30025100800001	6	19860612	123		133	135					
30025100800001	6	19870702	129		139	142					
30025100800001	6	19880617	113		122	124					
30025100800001	6	19890605	118		128	130					
30025100800001	6	19900904	93		100	101					
30025100800001	6	19910718	223		241	251					
30025100800001	6	19920713	210		227	235					
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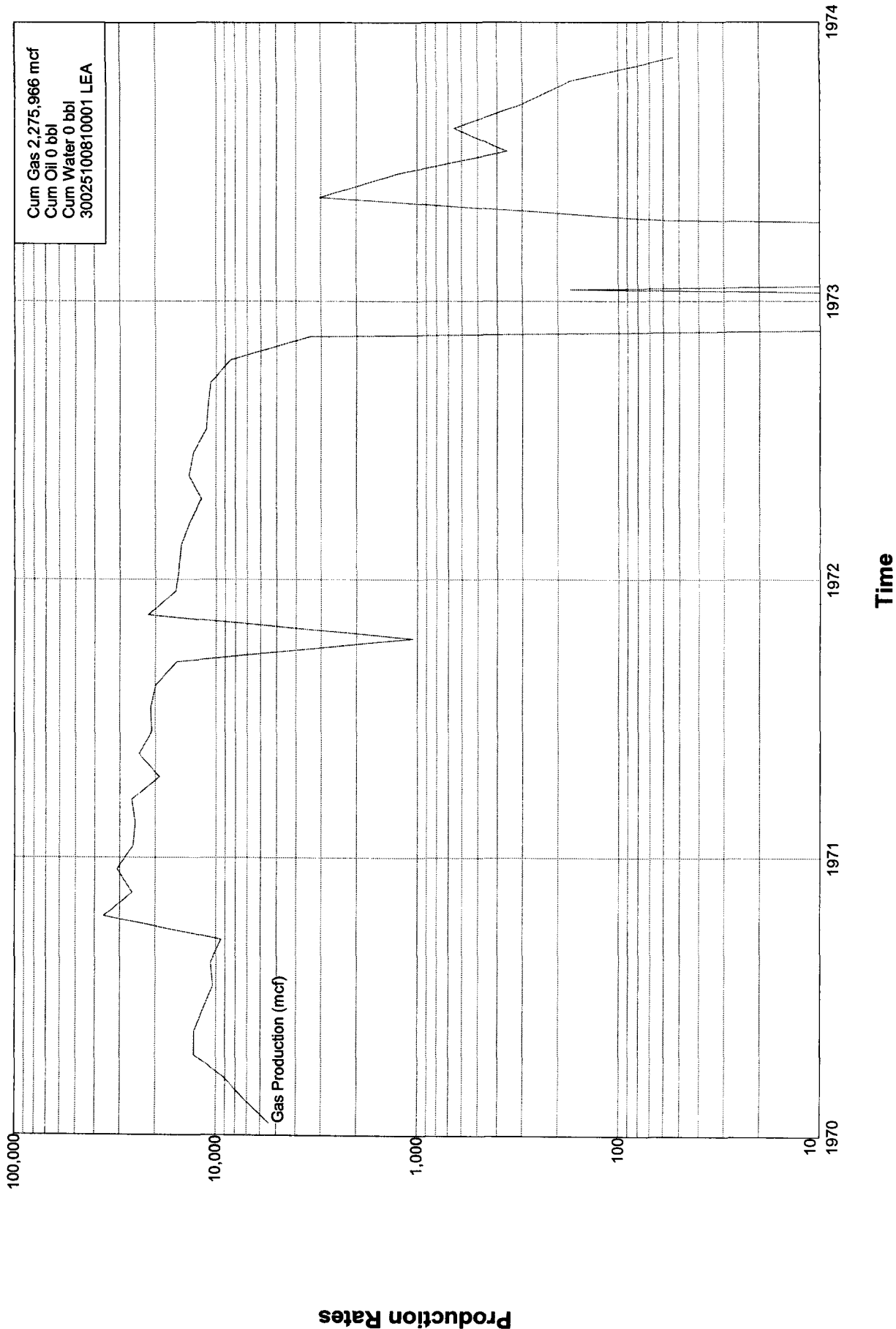
30025100800001	6	19951102	148	160	164
30025100800001	6	19971015	200	216	224
30025100800001	6	20010807	93	100	101

H T Mattern NCT D # 7 BHP/Z Pressure vs. Cum Gas Plot Unit D, Sec 6 T-22-S, R-37-E Lea County, New Mexico



Lease Name: H T MATTERN NCT D
County, State: LEA, NM
Operator: GULF OIL CORPORATION
Field: EUMONT
Reservoir: YATES-SEVEN RIVERS-Q
Location: 6 22S 37E

D-
H T MATTERN NCT D 7 6 22S 37E EUMONT Inactive



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name H. T. Mattern (NCT-D)
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 7
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>6</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or WHcat Eumont Gas
15. Elevation (Show whether DF, RT, GR, etc.) 3466' GL	12. County Lea

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

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐
OTHER Attempted Recompletion Eumont Gas ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1603.

Set cement retainer at 3400'. Pumped 55 sacks Class "C" neat into 3428'-3525'. Pressure casing 800#. Perf 2980-82', 3067-69', 3081-83', 3146-48', 3190-92', 3225-27', 3249-51', 3372-74' with (2) 1/2" JHPF. Spot 500 gals 15% NEFE 3374'-2930'. Acidize with 3200 gals 15% NEFE slick HCL, (42) 7/8" RCNB's. Max pres 3700#, min pres 2400#, AIR 7 BPM, ISIP 1700#. Frac with 20,000 gals foam, 75,000# 20/40 sand, (16) 7/8" RCNB's. Avg pres 5000# AIR 15 BPM, ISIP 2680#. Swab 17 BW with trace oil, no gas. Complete after unsuccessful recompletion in upper Eumont 1-28-82. Well currently closed in; working on procedure to P&A.

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

SIGNED R. D. Pitzer TITLE Area Engineer DATE 2-3-82

APPROVED BY Don J. Supa TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Expires 2/9/83

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- 2. Name of Operator Gulf Oil Corporation 3. Address of Operator Box 670, Hobbs, NM 88240 4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>6</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> NMPM.	7. Unit Agreement Name 8. Farm or Lease Name H. T. Mattern (NCT-D) 9. Well No. 7 10. Field and Pool, or Whdcat Eumont Gas 12. County Lea
15. Elevation (Show whether DF, RT, GR, etc.) 3466' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER <u>Abandon perfs, perf, acz, frac</u> ☒	CASING TEST AND CEMENT JOB ☐	OTHER ☐

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

Set cement retainer at 3400'. Squeeze 3428'-3525' with 50 sacks Class "C" neat. Reverse excess cement. Perf 2980-82', 3067-69', 3081-83', 3146-48', 3190-92', 3225-27', 3249-51', 3372-74' with (2) 1/2" JHPF. Spot acid 3374'-2930'. Swab. Acidize with 3200 gals 15% NEFE slick HCL using (48) 7/8" RCNB's. Frac with 64,000 gals 70 quality foam, (28) 7/8" RCNB's, 75,000# 20/40 sand. Close in 3 hours. Flow back.

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

SIGNED Bryan Sexton TITLE Area Engineer DATE 11-17-81

APPROVED BY Signed By TITLE Area Engineer DATE 11-17-81
CONDITIONS OF APPROVAL, IF ANY:

OF COPIES RECEIVED	
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SANITARY	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- Gas-oil dual	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name H. T. Mattern (NCT-D)
3. Address of Operator P. O. Box 670, Hobbs, N.M. 88240	9. Well No. 7
4. Location of Well UNIT LETTER <u>D</u> . <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE, SECTION <u>6</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Arrowhead & Eumont Gas
15. Elevation (Show whether DF, RT, GR, etc.) 3466' GL	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLAND ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER <u>Well Status Report</u> ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 10B.

Arrowhead zone has not produced since 1962. Eumont Gas has not produced since 1973.
Plug and abandon early 1975.

*Expires
10/11/75*

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

SIGNED [Signature] TITLE Area Engineer DATE 10-15-74

APPROVED BY Joe D. Ramey TITLE Dist. I, Supv. DATE
CONDITIONS OF APPROVAL, IF ANY

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Production Plat

Date 7-23-56

Operator Gulf Oil Corporation Lease H. T. Mattern "D"

Well No. 7 Section 6 Township 22-S Range 37-E NMP

Located 660 Feet From West Line, 660 Feet From North Li

Lea County, New Mexico. G. L. Elevation 3,466'

Name of Producing Formation Queen Pool Eumont Gas Dedicated Acreage 24

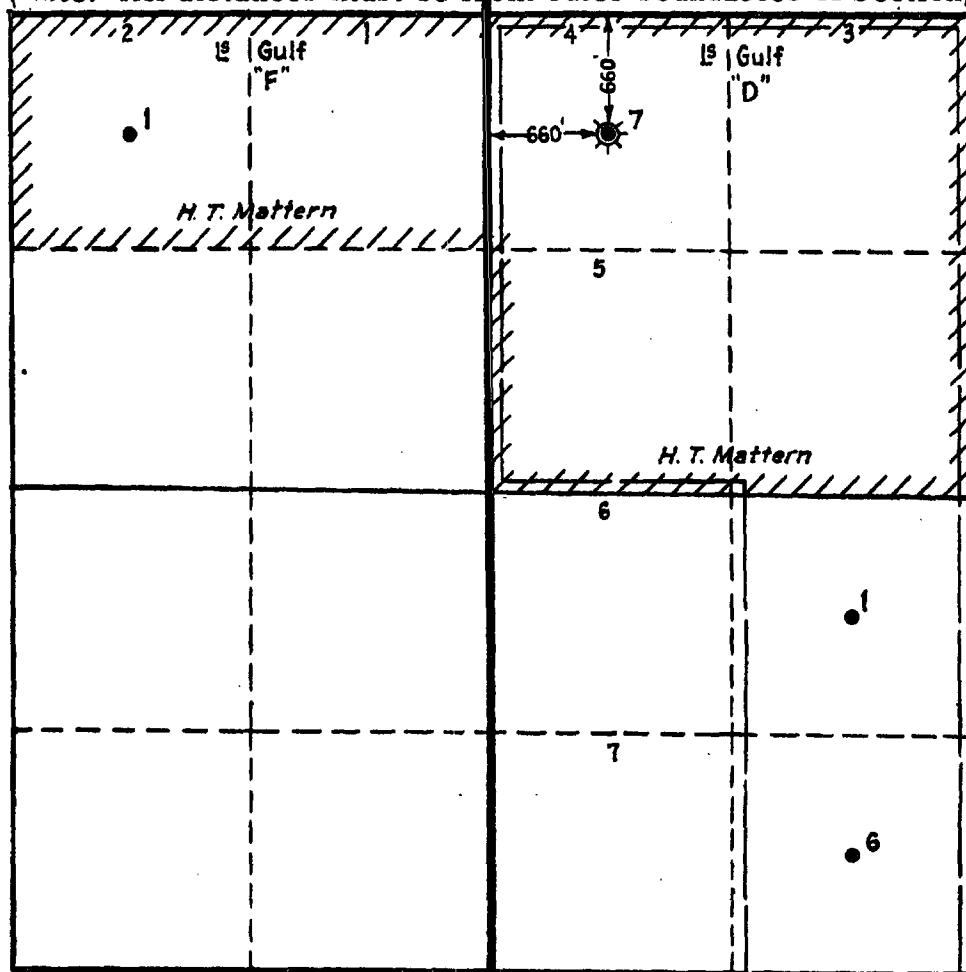
(Note: All distances must be from outer boundaries of Section)

Hearing for
non-standard
production
will be re

Sec. 1
T-22-S
R-36-E

Sec. 6
T-22-S
R-37-E

- - Oil Well
- ⊙ - Dual
(Gas-Oil)
- - - Lease Line
- ////// Acreage
Dedicated



SCALE: 1" = 1000'

1. Is this Well a Dual Comp. ? Yes X No .
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No X.

This is to certify that the above plat was prepared from field notes of actual survey made by me or under my supervision and that the same are true and correct to best of my knowledge and belief.

Name J. R. Sherman
Position Division Gas Engineer
Representing Gulf Oil Corporation
Address P. O. Box 1290, Fort Worth, Texas

Date Surveyed
Registered Professional Engineer and
Land Surveyor

LEA NM
H T MATTERN NCT D 7
GULF OIL CORPORATION
INACTIVE

Detailed Production Report

Lease Name:	H T MATTERN NCT D	Well Number:	7
Lease Number:	472810	Cum Oil:	
Operator Name:	GULF OIL CORPORATION	Cum Gas:	2,275,966
State:	NEW MEXICO	Cum Water:	
County:	LEA	First Production Date:	JUL 1956
Field:	EUMONT	Last Production Date:	NOV 1973
Sec Twn Rng:	6D 22S 37E	Spot:	
Latitude/Longitude:	32.42623 -103.20804	Lat/Long Source:	IH
Regulatory #:		Completion Date:	
API:	30025100810001	Total Depth:	
Production ID:	2300210251008176480	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	0.71
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	0.897
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	INACTIVE-PRIOR YEAR	GAS	

Annual Production		(4 years)	
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:	1,724,990
1970	182,142
1971	236,336
1972	126,440
1973	6,058
Totals:	2,275,966

Monthly Production

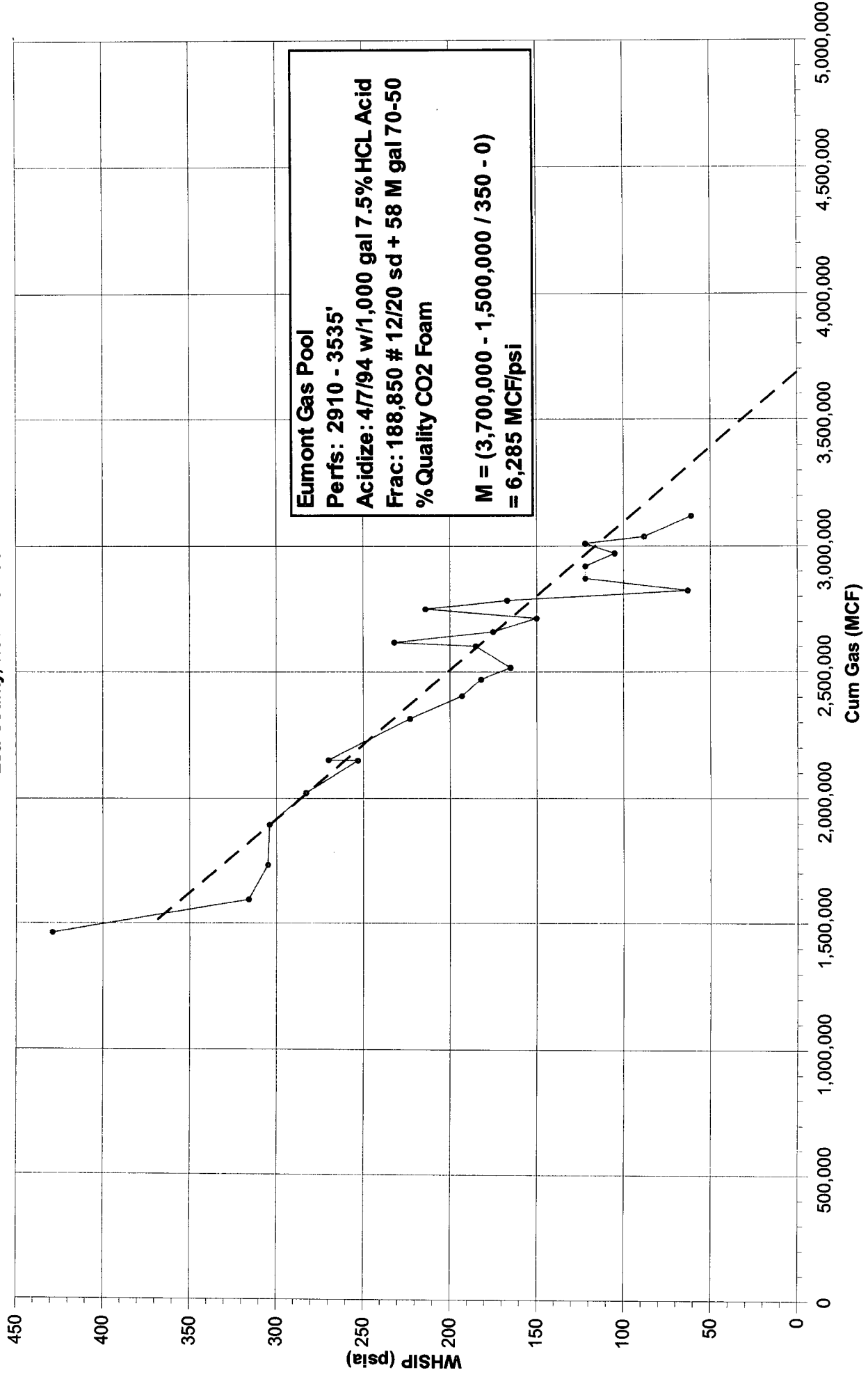
Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld STB/MMCF	% Water	# of Wells	Days on
JAN 1970		5,401				1	
FEB 1970		7,165				1	
MAR 1970		9,071				1	
APR 1970		12,841				1	
MAY 1970		12,825				1	
JUN 1970		11,560				1	

JUL 1970	10,341	1
AUG 1970	10,650	1
SEP 1970	9,403	1
OCT 1970	35,899	1
NOV 1970	26,072	1
DEC 1970	30,914	1
Totals:		
1970	182,142	
JAN 1971	25,746	1
FEB 1971	25,168	1
MAR 1971	26,202	1
APR 1971	19,101	1
MAY 1971	24,068	1
JUN 1971	20,793	1
JUL 1971	21,075	1
AUG 1971	19,920	1
SEP 1971	15,629	1
OCT 1971	1,045	1
NOV 1971	21,722	1
DEC 1971	15,867	1
Totals:		
1971	236,336	
JAN 1972	15,242	1
FEB 1972	14,820	1
MAR 1972	13,432	1
APR 1972	11,773	1
MAY 1972	13,587	1
JUN 1972	12,915	1
JUL 1972	11,170	1
AUG 1972	10,959	1
SEP 1972	10,649	1
OCT 1972	8,492	1
NOV 1972	3,401	1
DEC 1972	0	0
Totals:		
1972	126,440	
JAN 1973	175	1
FEB 1973	0	0
MAR 1973	0	0
APR 1973	59	1
MAY 1973	3,025	1
JUN 1973	1,258	1
JUL 1973	356	1
AUG 1973	654	1
SEP 1973	304	1
OCT 1973	174	1
NOV 1973	53	1
Totals:		
1973	6,058	

API Number	Well Number	Test Date	WHSIP	WHFP	BHP	BHP/Z	Water B/D	Cond B/D	Gas MCFD	AOF MCFD

First Test										
30025100810001	7	19570412	1035		1146	1384				7700
30025100810001	7	19700716	493		540	592				
30025100810001	7	19710628	356		389	415				
30025100810001	7	19720512	349		381	406				
30025100810001	7	19730720	202		220	228				
=====										

Lockhart B - 1 # 6 **Shut-in Well Head Pressure vs. Cum Gas Plot** **Unit P, Sec 1 T-22-S, R-36-E** **Lea County, New Mexico**

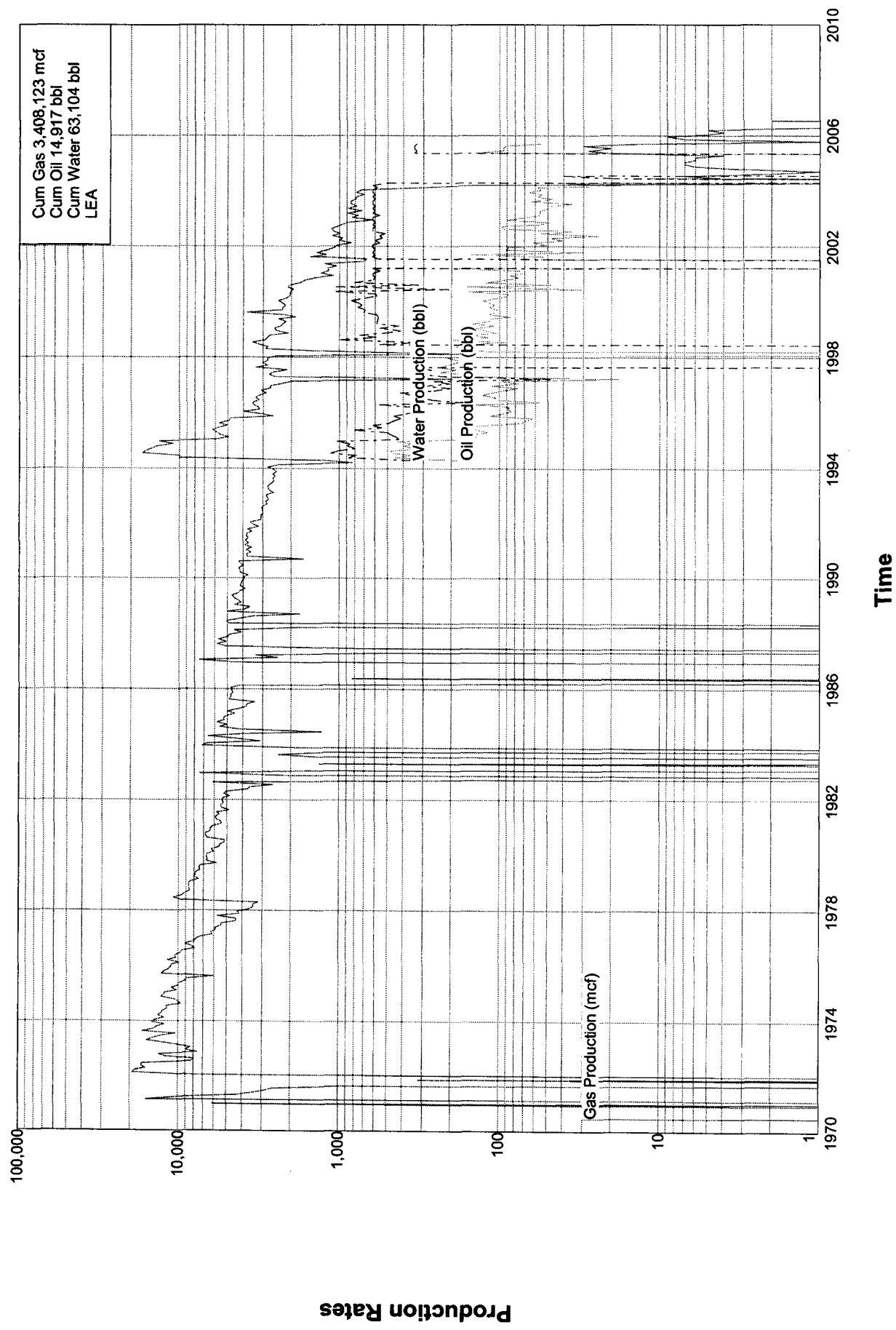


• Press Final Shut In

Lease Name: LOCKHART B 1 #6
County, State: LEA, NM
Operator: MULTIPLE
Field: EUMONT
Reservoir: YATES-SEVEN RIVERS-Q
Location:

P-1-225-366

LOCKHART B 1 6 EUMONT Active



Form 3160-5
(June 1990)

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

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Conoco Inc.

3. Address and Telephone No.
10 Desta Drive STE 100W, Midland, TX 79705 (915)686-5424

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

660' FSL & 660' FEL, SEC. 1, T-22S, R-36E, UNIT LTR 'P'

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

5. Lease Designation and Serial No.

NM 62665 NM 062660

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
LOCKHART B-1 #6

9. API Well No.
30-025-08722

10. Field and Pool, or Exploratory Area

RUMONT VATES 7 RVRS ON

11. County or Parish, State

LEA, 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

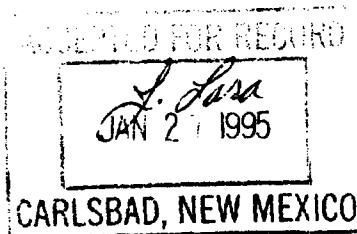
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other FRAC & STIMULATE
☐ 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.)

3-8-94 MIRU. POOH W/ TBG & PACKER. GIH W/ BIT & SCRAPER TO 3563'. POOH. SET PACKER @ 3470'. ACIDIZE W/ 1000g 7.5% HCL / METHANOL. FLUSH W/ 9bbl KILL FLUID. RELEASE PACKER. PUH RESET PACKER @ 3339'. FRAC RUMONT W/ 29,000g 70 QUALITY CO2 FOAM PAD FOLLOWED W/ 29,000g 60-50 QUALITY FOAM. RAMPING 188,850# 12/20 BRADY SAND. GIH TAG SAND @ 3510'. CLEAN OUT TO 3563'. GIH W/ TBG & PACKER SET @ 2848' AND 3-17-94 RDNO. RETURN WELL TO PRODUCTION.



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

Signed Bill A. Keasly

Title SR. REGULATORY SPEC

Date 4-7-94

(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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other Instructions on reverse side)Form approved.
Budget Bureau No. 42-R1421

5. LEASE DESIGNATION AND SERIAL NO.

LC-132199 (A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

Continental Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 460, Zulu, N.M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

660' FSL + 660' FEH, Sec 1, T-22S
R-36E, Lea Co., N.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

3471' GL

7. UNIT AGREEMENT NAME

NMMU

8. FARM OR LEASE NAME

Lockhart B-1

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Continental Oil Co.

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

Sec 1, T-22S, R36E

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

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 perf 3550-3640' w/50 st class
"C" cement 1 1/2 PC each + 3rd salt/st.
acidized perf 3390' to 3535 w/1500 gal
15 PC acid. Ran 2 3/8" thg. set at 3533.
Placed well on production.

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

SIGNED

M. E. Yates

TITLE

Administrative Asst.

DATE

11-30-70

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

USGS (5) Zulu
NMFU (4)

*See Instructions on Reverse Side

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator CONNECTIONS COMPANY
Address Box 400, HOBBS, NEW MEXICO
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐ Other (Please explain) RECONNECTION

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
<u>LOCKHART R-1</u>	<u>6</u>	<u>EUMONT QUEEN</u>	State <u>Federal</u> or Fee	
Location <u>LC-032093B</u>				
Unit Letter	<u>P</u>	<u>660</u> Feet From The <u>SOUTH</u> Line and <u>660</u> Feet From The <u>EAST</u>		
Line of Section	<u>1</u>	Township <u>23S</u>	Range <u>36E</u>	NMPM, <u>LEA</u> County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)	
<u>EL PASO NATURAL GAS CO.</u>	<u>EL PASO, TEXAS</u>	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp. Rge.
		Is gas actually connected? <u>YES</u> When <u>DEC. 1, 1970</u>

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'tv.	Diff. Res'tv.
		<u>X</u>						
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
<u>1-15-44</u>	<u>3-6-44</u>	<u>3757</u>	<u>3655</u>					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
<u>3481</u>	<u>QUEEN</u>	<u>3300</u>	<u>3529</u>					
Perforations			Depth Casing Shoe					
<u>2910 - 3535</u>								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
	<u>9 5/8</u>	<u>1106</u>	<u>425</u>					
	<u>7</u>	<u>3666</u>	<u>425</u>					

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 Tanks	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/MCF	Gravity of Condensate
<u>718</u>	<u>24 HRS</u>		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
	<u>125"</u>		<u>3 1/2"</u>

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION COMMISSION

APPROVED DEC 1 1970, 19____
BY John W. Runyan
TITLE _____

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

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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

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

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

John W. Runyan
(Signature)

ADMINISTRATIVE SUPERVISOR
(Title)

DECEMBER 2, 1970
(Date)

LEA NM
 LOCKHART B 1 6
 CONOCOPHILLIPS COMPANY
 ACTIVE

Detailed Production Report

Lease Name:	LOCKHART B 1	Well Number:	6
Lease Number:	003043	Cum Oil:	12,706
Operator Name:	CONOCOPHILLIPS COMPANY	Cum Gas:	286,627
State:	NEW MEXICO	Cum Water:	58,225
County:	LEA	First Production Date:	JUL 1994
Field:	EUMONT	Last Production Date:	JUL 2006
Sec Twn Rng:	1P 22S 36E	Spot:	
Latitude/Longitude:	32.41521 -103.21225	Lat/Long Source:	IH
Regulatory #:		Completion Date:	JUL 01, 1994
API:	30025087220000	Total Depth:	
Production ID:	2300210250872222800	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production		(13 years)	
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:

1994	1,223	42,907	2,860
1995	1,425	60,039	6,020
1996	1,186	38,217	3,856
1997	1,920	29,048	1,947
1998	1,577	29,038	4,141
1999	1,372	28,456	7,522
2000	1,179	22,647	7,996
2001	806	13,658	5,440
2002	701	11,620	7,080
2003	655	9,614	7,300
2004	186	1,214	2,380
2005	476	152	1,683
2006		17	
Totals:	12,706	286,627	58,225

Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on
JUL 1994	234	8,538	566	27.41	70.75	1	31
AUG 1994	237	8,045	505	29.46	68.06	1	31
SEP 1994	159	7,389	398	21.52	71.45	1	30
OCT 1994	200	6,807	444	29.39	68.94	1	31
NOV 1994	176	5,450	431	32.30	71.00	1	27
DEC 1994	217	6,678	516	32.50	70.40	1	31
Totals: 1994	1,223	42,907	2,860				
JAN 1995	179	5,864	424	30.53	70.32	1	31
FEB 1995	139	4,914	441	28.29	76.03	1	28
MAR 1995	150	5,563	474	26.97	75.96	1	31
APR 1995	119	5,810	500	20.49	80.78	1	30
MAY 1995	134	6,219	804	21.55	85.71	1	31
JUN 1995	164	5,657	546	29.00	76.90	1	30
JUL 1995	124	5,035	620	24.63	83.33	1	28
AUG 1995	74	5,638	494	13.13	86.97	1	31
SEP 1995	69	4,900	460	14.09	86.96	1	30
OCT 1995	62	4,810	413	12.89	86.95	1	31
NOV 1995	114	2,589	456	44.04	80.00	1	30
DEC 1995	97	3,040	388	31.91	80.00	1	31
Totals: 1995	1,425	60,039	6,020				
JAN 1996	84	3,980	336	21.11	80.00	1	27
FEB 1996	89	3,156	356	28.21	80.00	1	29
MAR 1996	87	3,246	348	26.81	80.00	1	31
APR 1996	141	3,444	564	40.95	80.00	1	30
MAY 1996	56	3,483	168	16.08	75.00	1	31
JUN 1996	102	3,173	255	32.15	71.43	1	30
JUL 1996	106	3,309	318	32.04	75.00	1	31
AUG 1996	128	3,153	342	40.60	72.77	1	31
SEP 1996	111	2,859	416	38.83	78.94	1	30
OCT 1996	96	3,056	256	31.42	72.73	1	31
NOV 1996	76	2,688	203	28.28	72.76	1	30
DEC 1996	110	2,670	294	41.20	72.77	1	31
Totals: 1996	1,186	38,217	3,856				
JAN 1997	76	2,279	203	33.35	72.76	1	28
FEB 1997	95	1,957	254	48.55	72.78	1	24
MAR 1997	18	195	48	92.31	72.73	1	1
APR 1997	149	2,514	213	59.27	58.84	1	30
MAY 1997	147	2,733	294	53.79	66.67	1	29
JUN 1997	233	2,580	333	90.32	58.83	1	26
JUL 1997	186	2,112	266	88.07	58.85	1	27
AUG 1997	235	3,297	336	71.28	58.84	1	31
SEP 1997	210	2,789	0	75.30		1	30
OCT 1997	189	3,002	0	62.96		1	31
NOV 1997	173	2,792	0	61.97		1	30
DEC 1997	209	2,798	0	74.70		1	31
Totals: 1997	1,920	29,048	1,947				

JAN 1998	171	2,489	0	68.71		1	28
FEB 1998	0	169	0			1	1
MAR 1998	121	1,121	0	107.94		1	13
APR 1998	160	2,873	0	55.70		1	30
MAY 1998	184	2,780	0	66.19		1	31
JUN 1998	157	3,138	560	50.04	78.10	1	30
JUL 1998	92	3,491	328	26.36	78.10	1	31
AUG 1998	196	2,889	980	67.85	83.33	1	31
SEP 1998	118	2,814	590	41.94	83.33	1	30
OCT 1998	149	2,728	745	54.62	83.33	1	31
NOV 1998	105	2,081	525	50.46	83.33	1	30
DEC 1998	124	2,465	413	50.31	76.91	1	29

Totals:							
1998	1,577	29,038	4,141				

JAN 1999	140	2,540	560	55.12	80.00	1	31
FEB 1999	106	2,325	424	45.60	80.00	1	28
MAR 1999	146	2,254	584	64.78	80.00	1	31
APR 1999	116	2,157	580	53.78	83.33	1	28
MAY 1999	115	2,386	575	48.20	83.33	1	31
JUN 1999	86	1,873	574	45.92	86.97	1	30
JUL 1999	117	2,204	585	53.09	83.33	1	31
AUG 1999	106	3,773	707	28.10	86.96	1	31
SEP 1999	103	2,274	687	45.30	86.96	1	30
OCT 1999	115	2,245	766	51.23	86.95	1	31
NOV 1999	108	2,158	720	50.05	86.96	1	30
DEC 1999	114	2,267	760	50.29	86.96	1	31

Totals:							
1999	1,372	28,456	7,522				

JAN 2000	126	2,394	839	52.64	86.94	1	31
FEB 2000	104	2,145	694	48.49	86.97	1	29
MAR 2000	88	2,041	587	43.12	86.96	1	31
APR 2000	89	2,035	594	43.74	86.97	1	30
MAY 2000	158	2,020	1,054	78.22	86.96	1	31
JUN 2000	31	1,941	207	15.98	86.97	1	30
JUL 2000	158	2,109	1,054	74.92	86.96	1	31
AUG 2000	48	2,044	320	23.49	86.96	1	31
SEP 2000	121	1,754	807	68.99	86.96	1	30
OCT 2000	94	1,644	620	57.18	86.83	1	31
NOV 2000	76	1,426	600	53.30	88.76	1	30
DEC 2000	86	1,094	620	78.62	87.82	1	31

Totals:							
2000	1,179	22,647	7,996				

JAN 2001	72	1,306	620	55.14	89.60	1	31
FEB 2001	74	1,170	560	63.25	88.33	1	28
MAR 2001	193	1,185	620	162.87	76.26	1	31
APR 2001	0	1,049	0			1	0
MAY 2001	0	1,240	0			1	31
JUN 2001	0	709	0			1	28
JUL 2001	55	675	580	81.49	91.34	1	29
AUG 2001	53	1,514	620	35.01	92.12	1	31
SEP 2001	150	1,203	600	124.69	80.00	1	30
OCT 2001	30	1,370	620	21.90	95.38	1	31
NOV 2001	91	1,169	600	77.85	86.83	1	30

DEC 2001	88	1,068	620	82.40	87.57	1	31
Totals:							
2001	806	13,658	5,440				
JAN 2002	50	1,028	620	48.64	92.54	1	31
FEB 2002	62	840	560	73.81	90.03	1	28
MAR 2002	40	995	600	40.21	93.75	1	30
APR 2002	48	957	540	50.16	91.84	1	27
MAY 2002	24	1,103	560	21.76	95.89	1	28
JUN 2002	55	989	520	55.62	90.43	1	26
JUL 2002	35	1,088	620	32.17	94.66	1	31
AUG 2002	96	1,117	620	85.95	86.59	1	31
SEP 2002	96	1,026	600	93.57	86.21	1	30
OCT 2002	57	971	620	58.71	91.58	1	31
NOV 2002	48	884	600	54.30	92.59	1	30
DEC 2002	90	622	620	144.70	87.32	1	31
Totals:							
2002	701	11,620	7,080				
JAN 2003	68	832	620	81.74	90.12	1	31
FEB 2003	56	763	560	73.40	90.91	1	28
MAR 2003	56	889	620	63.00	91.72	1	31
APR 2003	56	723	600	77.46	91.46	1	30
MAY 2003	49	879	620	55.75	92.68	1	31
JUN 2003	48	777	600	61.78	92.59	1	30
JUL 2003	35	844	620	41.47	94.66	1	31
AUG 2003	63	851	620	74.04	90.78	1	31
SEP 2003	47	791	600	59.42	92.74	1	30
OCT 2003	58	780	620	74.36	91.45	1	31
NOV 2003	54	699	600	77.26	91.74	1	30
DEC 2003	65	786	620	82.70	90.51	1	31
Totals:							
2003	655	9,614	7,300				
JAN 2004	55	727	620	75.66	91.85	1	31
FEB 2004	58	309	580	187.71	90.91	1	29
MAR 2004	17	147	620	115.65	97.33	1	31
APR 2004	44	1	500	44000.00	91.91	1	25
MAY 2004	0	0	0			0	0
JUN 2004	12	4	20	3000.00	62.50	1	1
JUL 2004		7	40			1	2
AUG 2004		2				1	0
SEP 2004		1				1	1
OCT 2004		3				1	1
NOV 2004		6				1	1
DEC 2004		7				1	1
Totals:							
2004	186	1,214	2,380				
JAN 2005	0	7	0			1	1
FEB 2005	0	6	0			1	1
MAR 2005	0	6	0			1	1
APR 2005	0	4	0			1	1
MAY 2005	140	21	341	6666.67	70.89	1	31
JUN 2005	95	28	330	3392.86	77.65	1	30
JUL 2005	95	20	341	4750.00	78.21	1	31
AUG 2005	91	30	341	3033.34	78.94	1	31

SEP 2005	55	13	330	4230.77	85.71	1	30
OCT 2005		1				1	1
NOV 2005		7				1	1
DEC 2005		9				1	1
Totals:							
2005	476	152	1,683				
JAN 2006		5				1	1
FEB 2006		4				1	1
MAR 2006		5				1	1
APR 2006		1				1	1
MAY 2006		0				0	0
JUN 2006		0				0	0
JUL 2006		2				1	1
Totals:							
2006		17					

Gas Tests		Total count: 2									
API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF	
Number	Number	Date					B/D	B/D	MCFD	MCFD	
First Test											
30025087220000	6	19970930	48								
30025087220000	6	19971003	63								

LEA NM
LOCKHART B 1 6
CONOCO INCORPORATED
INACTIVE

Detailed Production Report

Lease Name:	LOCKHART B 1	Well Number:	6
Lease Number:	003043	Cum Oil:	2,211
Operator Name:	CONOCO INCORPORATED	Cum Gas:	3,121,496
State:	NEW MEXICO	Cum Water:	4,879 since APR 1994
County:	LEA	First Production Date:	
Field:	EUMONT	Last Production Date:	DEC 1994
Sec Twn Rng:	1P 22S 36E	Spot:	
Latitude/Longitude:	32.41521 -103.21225	Lat/Long Source:	IH
Regulatory #:		Completion Date:	
API:	30025087220000	Total Depth:	
Production ID:	2300210250872276480	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	INACTIVE-PRIOR YEAR	GAS	

Annual Production		(25 years)	
Year	Oil BBLS	Gas MCF	Water BBLS

Beginning	
Cum:	1,450,253
1970	6,209
1971	40,333
1972	154,066
1973	154,899
1974	143,805
1975	125,390
1976	113,567
1977	65,168
1978	86,744
1979	87,533
1980	73,423
1981	66,140
1982	46,152
1983	17,050
1984	57,061
1985	53,290
1986	14,299
1987	45,883
1988	42,234
1989	50,745
1990	45,419

1991		43,963	
1992		36,028	
1993		31,589	
1994	2,205	70,253	4,879
Totals:	<u>2,211</u>	<u>3,121,496</u>	<u>4,879</u>

Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on
JAN 1970		0				0	
FEB 1970		0				0	
MAR 1970		0				0	
APR 1970		0				0	
MAY 1970		0				0	
JUN 1970		30				1	
JUL 1970		0				0	
AUG 1970		0				0	
SEP 1970		0				0	
OCT 1970		0				0	
NOV 1970		0				0	
DEC 1970		6,179				1	
Totals: 1970		<u>6,209</u>					
JAN 1971		0				0	
FEB 1971		15,778				1	
MAR 1971		10,098				1	
APR 1971		4,258				1	
MAY 1971		3,434				1	
JUN 1971		2,894				1	
JUL 1971		2,574				1	
AUG 1971		980				1	
SEP 1971		0				0	
OCT 1971		0				0	
NOV 1971		317				1	
DEC 1971		0				0	
Totals: 1971		<u>40,333</u>					
JAN 1972		8,353				1	
FEB 1972		19,281				1	
MAR 1972		18,659				1	
APR 1972		16,064				1	
MAY 1972		17,041				1	
JUN 1972		16,680				1	
JUL 1972		8,219				1	
AUG 1972		7,909				1	
SEP 1972		12,072				1	
OCT 1972		13,186				1	
NOV 1972		7,542				1	
DEC 1972		9,060				1	

Totals:			
1972		154,066	
JAN 1973	8,378		1
FEB 1973	9,901		1
MAR 1973	12,228		1
APR 1973	15,654		1
MAY 1973	14,434		1
JUN 1973	12,652		1
JUL 1973	10,430		1
AUG 1973	16,677		1
SEP 1973	14,280		1
OCT 1973	13,549		1
NOV 1973	12,200		1
DEC 1973	14,516		1
Totals:			
1973		154,899	
JAN 1974	13,984		1
FEB 1974	12,291		1
MAR 1974	13,406		1
APR 1974	12,761		1
MAY 1974	12,506		1
JUN 1974	11,661		1
JUL 1974	11,921		1
AUG 1974	9,682		1
SEP 1974	10,031		1
OCT 1974	10,501		1
NOV 1974	12,783		1
DEC 1974	12,278		1
Totals:			
1974		143,805	
JAN 1975	12,198		1
FEB 1975	10,256		1
MAR 1975	11,025		1
APR 1975	9,993		1
MAY 1975	9,996		1
JUN 1975	9,122		1
JUL 1975	8,939		1
AUG 1975	6,042		1
SEP 1975	12,800		1
OCT 1975	12,369		1
NOV 1975	11,502		1
DEC 1975	11,148		1
Totals:			
1975		125,390	
JAN 1976	11,016		1
FEB 1976	9,790		1
MAR 1976	11,603		1
APR 1976	10,310		1
MAY 1976	10,478		1
JUN 1976	9,768		1
JUL 1976	9,490		1
AUG 1976	7,879		1
SEP 1976	8,321		1

OCT 1976	9,115	1	
NOV 1976	8,028	1	
DEC 1976	7,769	1	
Totals:			
1976	113,567		
JAN 1977	7,304	1	
FEB 1977	6,124	1	
MAR 1977	6,257	1	
APR 1977	5,847	1	
MAY 1977	5,889	1	
JUN 1977	5,444	1	
JUL 1977	5,373	1	
AUG 1977	4,396	1	
SEP 1977	4,356	1	
OCT 1977	5,697	1	
NOV 1977	4,180	1	
DEC 1977	4,301	1	
Totals:			
1977	65,168		
JAN 1978	3,643	1	
FEB 1978	3,418	1	
MAR 1978	3,429	1	
APR 1978	3,179	1	
MAY 1978	9,511	1	
JUN 1978	10,719	1	
JUL 1978	9,461	1	
AUG 1978	9,019	1	
SEP 1978	8,531	1	
OCT 1978	8,611	1	
NOV 1978	8,597	1	
DEC 1978	8,626	1	
Totals:			
1978	86,744		
JAN 1979	8,450	1	
FEB 1979	7,465	1	
MAR 1979	8,027	1	
APR 1979	7,801	1	
MAY 1979	7,833	1	
JUN 1979	7,343	1	
JUL 1979	7,463	1	
AUG 1979	7,327	1	
SEP 1979	5,801	1	
OCT 1979	6,714	1	
NOV 1979	6,597	1	
DEC 1979	6,712	1	
Totals:			
1979	87,533		
JAN 1980	6,631	1	31
FEB 1980	6,049	1	29
MAR 1980	6,248	1	31
APR 1980	5,579	1	30
MAY 1980	5,550	1	31
JUN 1980	5,213	1	30

JUL 1980	5,213	1	31
AUG 1980	6,617	1	31
SEP 1980	6,775	1	30
OCT 1980	6,803	1	31
NOV 1980	6,372	1	30
DEC 1980	6,373	1	31
Totals:			
1980	73,423		
JAN 1981	6,139	1	31
FEB 1981	5,448	1	28
MAR 1981	5,400	1	31
APR 1981	5,788	1	30
MAY 1981	5,887	1	31
JUN 1981	5,542	1	30
JUL 1981	5,749	1	30
AUG 1981	4,814	1	31
SEP 1981	5,355	1	30
OCT 1981	5,448	1	31
NOV 1981	5,247	1	30
DEC 1981	5,323	1	31
Totals:			
1981	66,140		
JAN 1982	5,355	1	31
FEB 1982	4,800	1	28
MAR 1982	5,246	1	31
APR 1982	5,001	1	30
MAY 1982	3,725	1	25
JUN 1982	3,584	1	19
JUL 1982	2,571	1	31
AUG 1982	6,096	1	22
SEP 1982	160	1	1
OCT 1982	0	0	0
NOV 1982	2,221	1	7
DEC 1982	7,393	1	27
Totals:			
1982	46,152		
JAN 1983	1,626	1	8
FEB 1983	0	0	0
MAR 1983	0	0	0
APR 1983	1,323	1	30
MAY 1983	0	0	0
JUN 1983	0	0	0
JUL 1983	1,390	1	3
AUG 1983	2,382	1	9
SEP 1983	1,270	1	30
OCT 1983	0	0	0
NOV 1983	1,911	1	4
DEC 1983	7,148	1	31
Totals:			
1983	17,050		
JAN 1984	6,636	1	31
FEB 1984	3,107	1	22
MAR 1984	4,361	1	30

APR 1984	6,551	1	30
MAY 1984	4,027	1	31
JUN 1984	1,281	1	3
JUL 1984	4,229	1	23
AUG 1984	5,559	1	31
SEP 1984	5,011	1	30
OCT 1984	5,778	1	31
NOV 1984	5,236	1	30
DEC 1984	5,285	1	31
Totals:			
1984	57,061		
JAN 1985	4,964	1	31
FEB 1985	4,478	1	28
MAR 1985	4,983	1	31
APR 1985	4,221	1	30
MAY 1985	3,794	1	31
JUN 1985	3,766	1	30
JUL 1985	3,373	1	31
AUG 1985	4,881	1	31
SEP 1985	4,762	1	30
OCT 1985	4,760	1	31
NOV 1985	4,609	1	30
DEC 1985	4,699	1	31
Totals:			
1985	53,290		
JAN 1986	4,742	1	31
FEB 1986	4,190	1	28
MAR 1986	13	1	1
APR 1986	0	0	0
MAY 1986	824	1	4
JUN 1986	0	0	0
JUL 1986	0	0	0
AUG 1986	0	0	0
SEP 1986	0	0	0
OCT 1986	0	0	0
NOV 1986	0	0	0
DEC 1986	4,530	1	20
Totals:			
1986	14,299		
JAN 1987	7,421	1	26
FEB 1987	2,408	1	10
MAR 1987	3,334	1	20
APR 1987	551	1	3
MAY 1987	0	0	0
JUN 1987	800	1	9
JUL 1987	5,142	1	31
AUG 1987	5,755	1	31
SEP 1987	5,052	1	27
OCT 1987	5,636	1	31
NOV 1987	4,937	1	30
DEC 1987	4,847	1	31
Totals:			
1987	45,883		

JAN 1988	4,056	1	29
FEB 1988	4,514	1	24
MAR 1988	1,811	1	13
APR 1988	0	0	0
MAY 1988	4,892	1	30
JUN 1988	5,055	1	30
JUL 1988	4,146	1	23
AUG 1988	3,455	1	17
SEP 1988	1,760	1	10
OCT 1988	5,041	1	28
NOV 1988	3,909	1	30
DEC 1988	3,595	1	31
Totals:			
1988	42,234		
JAN 1989	4,488	1	31
FEB 1989	4,119	1	28
MAR 1989	4,305	1	24
APR 1989	4,556	1	30
MAY 1989	4,671	1	31
JUN 1989	4,282	1	30
JUL 1989	4,169	1	30
AUG 1989	3,873	1	29
SEP 1989	4,141	1	30
OCT 1989	4,120	1	31
NOV 1989	4,062	1	30
DEC 1989	3,959	1	30
Totals:			
1989	50,745		
JAN 1990	3,940	1	27
FEB 1990	3,720	1	28
MAR 1990	4,151	1	31
APR 1990	4,176	1	30
MAY 1990	4,251	1	31
JUN 1990	3,966	1	30
JUL 1990	4,172	1	31
AUG 1990	4,229	1	31
SEP 1990	1,671	1	30
OCT 1990	3,750	1	31
NOV 1990	3,807	1	30
DEC 1990	3,586	1	31
Totals:			
1990	45,419		
JAN 1991	3,821	1	31
FEB 1991	3,546	1	28
MAR 1991	3,891	1	31
APR 1991	3,714	1	30
MAY 1991	3,856	1	31
JUN 1991	3,701	1	29
JUL 1991	3,798	1	31
AUG 1991	3,756	1	31
SEP 1991	3,522	1	29
OCT 1991	3,725	1	31
NOV 1991	3,178	1	26
DEC 1991	3,455	1	31

Totals:									
1991		43,963							
JAN 1992		3,588					1		30
FEB 1992		3,073					1		29
MAR 1992		3,065					1		31
APR 1992		3,067					1		30
MAY 1992		2,977					1		21
JUN 1992		3,008					1		30
JUL 1992		3,035					1		31
AUG 1992		2,961					1		31
SEP 1992		2,807					1		30
OCT 1992		2,873					1		31
NOV 1992		2,755					1		30
DEC 1992		2,819					1		31
Totals:									
1992		36,028							
JAN 1993		2,835					1		31
FEB 1993		2,559					1		28
MAR 1993		2,736					1		31
APR 1993		2,777					1		30
MAY 1993		2,784					1		31
JUN 1993		2,640					1		30
JUL 1993		2,546					1		31
AUG 1993		2,593					1		31
SEP 1993		2,512					1		30
OCT 1993		2,593					1		31
NOV 1993		2,454					1		30
DEC 1993		2,560					1		31
Totals:									
1993		31,589							
JAN 1994	0	2,795	0				1		31
FEB 1994	0	2,384	0				1		28
MAR 1994	0	830	0				1		19
APR 1994	181	1,303	362	138.92	66.67		1		30
MAY 1994	452	10,078	872	44.86	65.86		1		31
JUN 1994	349	9,956	785	35.06	69.22		1		30
JUL 1994	234	8,538	566	27.41	70.75		1		31
AUG 1994	237	8,045	505	29.46	68.06		1		31
SEP 1994	159	7,389	398	21.52	71.45		1		30
OCT 1994	200	6,807	444	29.39	68.94		1		31
NOV 1994	176	5,450	431	32.30	71.00		1		27
DEC 1994	217	6,678	516	32.50	70.40		1		31
Totals:									
1994	2,205	70,253	4,879						

~~Gas Tests~~ ~~Total count: 24~~

API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number	Number	Date					B/D	B/D	MCFD	MCFD

First Test

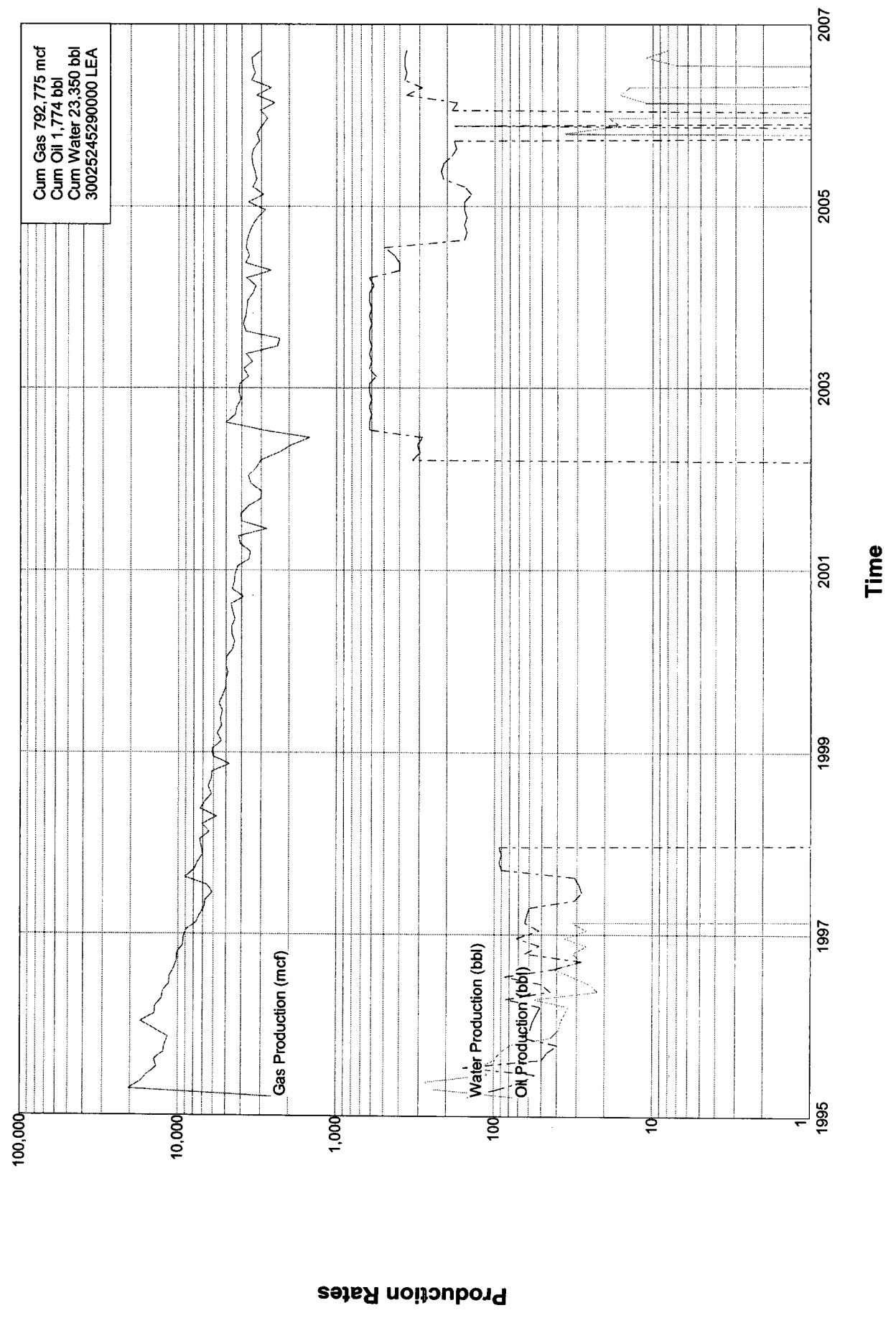
30025087220000	6	19710212	429							
30025087220000	6	19720711	316							
30025087220000	6	19730730	305							

30025087220000	6	19740806	304
30025087220000	6	19750805	283
30025087220000	6	19760816	253
30025087220000	6	19760822	270
30025087220000	6	19781003	223
30025087220000	6	19790917	193
30025087220000	6	19800811	182
30025087220000	6	19810325	165
30025087220000	6	19820921	185
30025087220000	6	19830815	232
30025087220000	6	19840731	175
30025087220000	6	19850703	150
30025087220000	6	19860910	214
30025087220000	6	19870923	167
30025087220000	6	19880724	63
30025087220000	6	19890721	122
30025087220000	6	19900721	122
30025087220000	6	19910921	105
30025087220000	6	19920925	122
30025087220000	6	19930812	88
30025087220000	6	19980819	61

#9
 Lease Name: LOCKHART B 1
 County, State: LEA, NM
 Operator: CONOCOPHILLIPS COMPANY
 Field: EUMONT
 Reservoir: YATES-SEVEN RIVERS-Q
 Location: 1 22S 36E

1-

LOCKHART B 1 9 1 22S 36E EUMONT Active



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U.M. OIL CONS. COMMISSION
P.O. BOX 1980
MORRIS, NEW MEXICO 88240
Budget Bureau No. 1004-0135

Expires: March 31, 1983

5. Lease Designation and Serial No.

NM 62665

6. If Indian, Alibi or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LOCKHART B 1 #9

9. API Well No.

30-025-24529

10. Field and Pool, or Exploratory Area

EUMONT YATES 7 RVRS QN

11. County or Parish, State

LEA, 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

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424

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

SURFACE: 1980' FSL & 680' FEL, SEC. 01, T 22S, R 36E, UNIT LTR 'I'
TD:

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.)

3-8-95 MIRU. POOH W/ RODS, PUMP & TBG. GIH W/ BIT & SCRAPER, POOH. GIH W/ CIBP SET @ 5500'.
SPOT 25' CMT ON TOP OF CIBP, TAG TOP @ 5470'. SET CIBP @ 3645' W/ 25' CMT ON TOP.
PERF QUEEN W/ 1 JSPF @ 3378, 3379, 3407, 3408, 3811, 3413, 3432, 3434, 3438, 3440, 3442, 3444,

3446, 3450, 3452, 3455, 3456, 3464, 3483, 3485, 3488, 3496, 3498, 3502, 3504, 3508, 3511,
3518, 3520, 3524, 3526, 3528, 3532, 3534. FRAC W/ 329 bbl 70 QUALITY FORM PAD, 877 bbl 60 TO 55
QUALITY CO2 FOAM, RAMPING 236,000# 12/20 BRADY SAND. PERF YATES/7 RVRS @ 2807, 2826, 2842,
2862, 2882, 2885, 2897, 2901, 2905, 2915, 2919, 2925, 2955. 2980, 2982, 2990, 2993, 3002, 3003,
3010, 3014, 3016, 3025, 3031, 3036, 3045, 3070, 3078, 3089, 3091. FRAC W/ 78 bbl ACID, 314 bbl
70 QUALITY CO2 FOAM PAD, 745 bbl 80-55 QUALITY CO2 FOAM, RAMPING 253,000# 12/20 BRADY SAND.
GIH W/ 2 3/8" TBG SET @ 3538'.
3-15-95 RDMO. RETURN WELL TO PRODUCTION

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

Signed

Bill R. Keathy

Title

Bill R. Keathy
SR. REGULATORY SPECIALIST

Date

4-24-95

(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

DIST: BLM(5) NMOC(1) BAK, TDS/ST, WELL FILE

2A Blinberry + Drinkard d/p

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT #

MAIL ROOM
P.O. BOX 1980
NEW MEXICO 88240
BUREAU No. 1004-0137
LEASE DESIGNATION AND SERIAL NO.
NM 62665

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DFB RESVR. ☒ OTHER ☐						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME LOCKHART B 1 #9	
3. ADDRESS OF OPERATOR 10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686-5424						9. API WELL NO. 30-025-24529	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FEL, UNIT LTR 'I' At top prod. interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT EUMONT YATES 7 RVRs ON	
14. PERMIT NO.						DATE ISSUED	
15. Date Spudded 1-13-74		16. Date T.D. Reached 1-30-74		17. DATE COMPL. (Ready to prod.) 3-15-95		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) GR 3479'	
20. TOTAL DEPTH, MD & TVD 6900'		21. PLUG, BACK T.D., MD & TVD 3620		22. IF MULTIPLE COMPL., HOW MANY* 1		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD & TVD)* 2807 - 3091 YATES/7 RVRs 3378 - 3534 QUEEN						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8		20		1140		12 1/4	
5 1/2		14 & 15.5		6900		7 7/8	
29. LINER RECORD							
Size		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
Size		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2 3/8		3538					
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHED							
32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc. DEPTH INTERVAL (MD) SEE ATTACHED AMT. AND KIND OF MATERIAL USED							
33. PRODUCTION							
DATE FIRST PRODUCTION 3-24-95		PRODUCTION METHOD (Flowing, gas lift, pumping -- size and type of pump) FLOWING				WELL STATUS (Producing or PRODUCING)	
DATE OF TEST 3-29-95		HOURS TESTED 24		CHOKE SIZE OPEN		PROD'N. FOR TEST PERIOD OIL -- BBL. 18 GAS -- MCF. 945	
FLOW. TUBING PRESS. 32		CASING PRESSURE 85		CALCULATED 24-HOUR RATE OIL -- BBL. 18 GAS -- MCF. 945		WATER -- BBL. 35 OIL GRAVITY-API (CORR.) 33.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD						TEST WITNESSED BY BRUCE SHARP	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Eric T. Sandberg</i>		TITLE		SR. REGULATORY SPECIALIST		DATE 4-25-95	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

DISTR: BLM(6) NMOC(1) BRK TDS/CT FILE ROOM

16

ATTACHMENT TO FORM 3160-4

LEASE NO: NM 692665
WELL NAME & NO: LOCKHART B 1 #9
API NO: 30-025-24529
COUNTY & STATE: LEA, NM.

LINE 31: PERFORATION RECORD (INTERVAL, SIZE & NUMBER)

PEREF QUEEN W/ 1 JSPF @ 3378, 3379, 3407, 3408, 3811, 3413, 3432, 3434, 3438, 3440, 3442, 3444, 3446, 3450, 3452, 3455, 3456, 3464, 3483, 3485, 3488, 3496, 3498, 3502, 3504, 3508, 3511, 3518, 3520, 3524, 3526, 3528, 3532, 3534.

PERF YATES/7 RVRS @ 2807, 2826, 2842, 2862, 2882, 2885, 2897, 2901, 2905, 2915, 2919, 2925, 2955, 2980, 2982, 2990, 2993, 3002, 3003, 3010, 3014, 3016, 3025, 3031, 3036, 3045, 3070, 3078, 3089, 3091.

LINE 32: ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.)

DEPTH INTERVAL	AMOUNT & KIND OF MATERIAL USED
3378 - 3534	FRAC W. 329 bbl 70 QUALITY FOAM PAD, 877 bbl 60-55 QUALITY CO2 FOAM, RAMPING 236,000# 12/20 BRADY SAND.
2807 - 3091	FRAC W/ 78 bb: ACID, 314 bbl 70 QUALITY CO2 FOAM PAD, 745 bbl 60-55 QUALITY CO2 FOAM, RAMPING 253,000@ 12/20 BRADY SAND.
5500'	CIBP SET W/ 25' CMT ON TOP, TAG TOC @ 5470'.
3465'	CIBP SET W/ 25' CMT ON TOP.

LEA NM
LOCKHART B 1 9
CONOCOPHILLIPS COMPANY
ACTIVE

Detailed Production Report

Lease Name:	LOCKHART B 1	Well Number:	9
Lease Number:	003043	Cum Oil:	1,774
Operator Name:	CONOCOPHILLIPS COMPANY	Cum Gas:	792,775
State:	NEW MEXICO	Cum Water:	23,350
County:	LEA	First Production Date:	MAR 1995
Field:	EUMONT	Last Production Date:	SEP 2006
Sec Twn Rng:	11 22S 36E	Spot:	
Latitude/Longitude:	32.41883 -103.21227	Lat/Long Source:	IH
Regulatory #:		Completion Date:	MAR 15, 1995
API:	30025245290000	Total Depth:	
Production ID:	1300210252452976480	Upper Perforation:	
Reservoir Name:	YATES-SEVEN RIVERS-QUEEN	Lower Perforation:	
Prod Zone:	YATES-SEVEN RIVERS-QUEEN	Gas Gravity:	
Prod Zone Code:	453YSRQ	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		CRUDE OIL

Annual Production		(12 years)	
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:

1995	1,171	133,752	781
1996	407	142,821	683
1997	58	88,918	723
1998		76,238	
1999		63,897	
2000		53,987	
2001		43,418	
2002		40,406	4,901
2003		42,181	7,300
2004		40,621	4,313
2005	71	38,652	1,807
2006	67	27,884	2,842
Totals:	1,774	792,775	23,350

Monthly Production

Date	Oil	Gas	Water	GOR	% Water	# of	Days
------	-----	-----	-------	-----	---------	------	------

MO/YR .	BBLs	MCF	BBLs	SCF/BBLs	Wells	on
MAR 1995	75	2,550	146	34001	66.06	3
APR 1995	239	20,416	96	85423	28.66	30
MAY 1995	269	17,295	67	64294	19.94	31
JUN 1995	110	15,597	55	141791	33.33	30
JUL 1995	125	13,678	156	109425	55.52	28
AUG 1995	99	14,110	50	142526	33.56	31
SEP 1995	92	12,375	46	134511	33.33	30
OCT 1995	79	12,105	40	153228	33.61	30
NOV 1995	44	11,588	66	263364	60.00	29
DEC 1995	39	14,038	59	359949	60.20	31
Totals: 1995	1,171	133,752	781			
JAN 1996	38	17,286	57	454895	60.00	31
FEB 1996	36	14,101	54	391695	60.00	29
MAR 1996	34	13,965	51	410736	60.00	31
APR 1996	56	12,713	84	227018	60.00	30
MAY 1996	22	12,430	44	565001	66.67	31
JUN 1996	25	11,387	50	455481	66.67	30
JUL 1996	32	11,311	85	353469	72.65	31
AUG 1996	42	10,630	42	253096	50.00	31
SEP 1996	28	10,205	28	364465	50.00	30
OCT 1996	32	10,188	64	318376	66.67	31
NOV 1996	26	9,327	52	358731	66.67	30
DEC 1996	36	9,278	72	257723	66.67	31
Totals: 1996	407	142,821	683			
JAN 1997	26	8,889	52	341885	66.67	28
FEB 1997	32	7,677	64	239907	66.67	24
MAR 1997	0	7,325	62			31
APR 1997	0	6,855	60			30
MAY 1997	0	6,731	31			31
JUN 1997	0	6,099	28			28
JUL 1997	0	6,562	29			29
AUG 1997	0	9,123	31			31
SEP 1997	0	7,940	90			30
OCT 1997	0	7,549	93			31
NOV 1997	0	7,023	90			30
DEC 1997	0	7,145	93			31
Totals: 1997	58	88,918	723			
JAN 1998		7,293			1	31
FEB 1998		6,391			1	28
MAR 1998		7,052			1	29
APR 1998		5,721			1	30
MAY 1998		7,249			1	31
JUN 1998		6,764			1	30
JUL 1998		6,184			1	31
AUG 1998		6,466			1	31
SEP 1998		6,187			1	30
OCT 1998		6,141			1	31
NOV 1998		4,757			1	30

DEC 1998	6,033		1	29
Totals:				
1998	76,238			
JAN 1999	6,102		1	31
FEB 1999	5,339		1	28
MAR 1999	5,684		1	31
APR 1999	5,355		1	28
MAY 1999	5,414		1	31
JUN 1999	5,284		1	30
JUL 1999	5,534		1	31
AUG 1999	5,253		1	31
SEP 1999	5,038		1	30
OCT 1999	5,019		1	31
NOV 1999	4,861		1	30
DEC 1999	5,014		1	31
Totals:				
1999	63,897			
JAN 2000	4,959		1	
FEB 2000	4,559		1	
MAR 2000	4,415		1	
APR 2000	4,587		1	
MAY 2000	4,610		1	
JUN 2000	4,395		1	
JUL 2000	4,545		1	
AUG 2000	4,639		1	
SEP 2000	3,896		1	
OCT 2000	4,568		1	
NOV 2000	4,432		1	
DEC 2000	4,382		1	
Totals:				
2000	53,987			
JAN 2001	4,238		1	
FEB 2001	3,576		1	
MAR 2001	3,516		1	
APR 2001	4,063		1	
MAY 2001	4,168		1	
JUN 2001	2,767		1	
JUL 2001	3,990		1	
AUG 2001	4,024		1	
SEP 2001	3,612		1	
OCT 2001	3,003		1	
NOV 2001	2,966		1	
DEC 2001	3,495		1	
Totals:				
2001	43,418			
JAN 2002	3,615	0	1	
FEB 2002	3,219	0	1	
MAR 2002	3,016	330	1	
APR 2002	2,329	297	1	
MAY 2002	1,924	308	1	
JUN 2002	1,477	286	1	
JUL 2002	2,959	620	1	
AUG 2002	5,017	620	1	

SEP 2002		4,377	600			1	
OCT 2002		4,286	620			1	
NOV 2002		4,037	600			1	
DEC 2002		4,150	620			1	
Totals:							
2002		40,406	4,901				
JAN 2003		4,109	620			1	
FEB 2003		3,614	560			1	
MAR 2003		3,858	620			1	
APR 2003		3,413	600			1	
MAY 2003		3,754	620			1	
JUN 2003		2,372	600			1	
JUL 2003		2,280	620			1	
AUG 2003		3,751	620			1	
SEP 2003		3,901	600			1	
OCT 2003		3,764	620			1	
NOV 2003		3,698	600			1	
DEC 2003		3,667	620			1	
Totals:							
2003		42,181	7,300				
JAN 2004		3,390	620			1	
FEB 2004		3,233	580			1	
MAR 2004		3,727	620			1	
APR 2004		2,598	400			1	
MAY 2004		3,766	400			1	
JUN 2004		3,562	432			1	
JUL 2004		3,731	496			1	
AUG 2004		3,681	155			1	
SEP 2004		3,568	150			1	
OCT 2004		3,401	155			1	
NOV 2004		3,158	150			1	
DEC 2004		2,806	155			1	
Totals:							
2004		40,621	4,313				
JAN 2005	0	3,615	155			1	0
FEB 2005	0	2,903	140			1	0
MAR 2005	0	3,400	155			1	0
APR 2005	0	3,215	210			1	0
MAY 2005	0	3,302	217			1	0
JUN 2005	0	3,412	210			1	0
JUL 2005	0	3,454	186			1	0
AUG 2005	0	3,363	174			1	0
SEP 2005	0	3,076	180			1	0
OCT 2005	36	3,208	0	89112		1	31
NOV 2005	16	2,976	180	186001	91.84	1	30
DEC 2005	19	2,728		143579		1	31
Totals:							
2005	71	38,652	1,807				
JAN 2006	0	3,034	186			1	31
FEB 2006	11	2,454	171	223091	93.96	1	28
MAR 2006	16	3,209	361	200563	95.76	1	31
APR 2006	14	2,596	288	185429	95.36	1	24
MAY 2006	0	3,467	372			1	31

JUN 2006	0	3,291	360			1	30
JUL 2006	7	3,405	372	486429	98.15	1	31
AUG 2006	11	3,449	372	313546	97.13	1	31
SEP 2006	8	2,979	360	372376	97.83	1	30
Totals:							
2006	67	27,884	2,842				

Oil Tests			Total count: 1						
API	Well	Test	Choke	WHFP	GOR	BS & W	Water	Oil	Gas
Number	Number	Date	64ths		CF/BBL	%	B/D	B/D	MCFD
30025245290000	9	20010710							