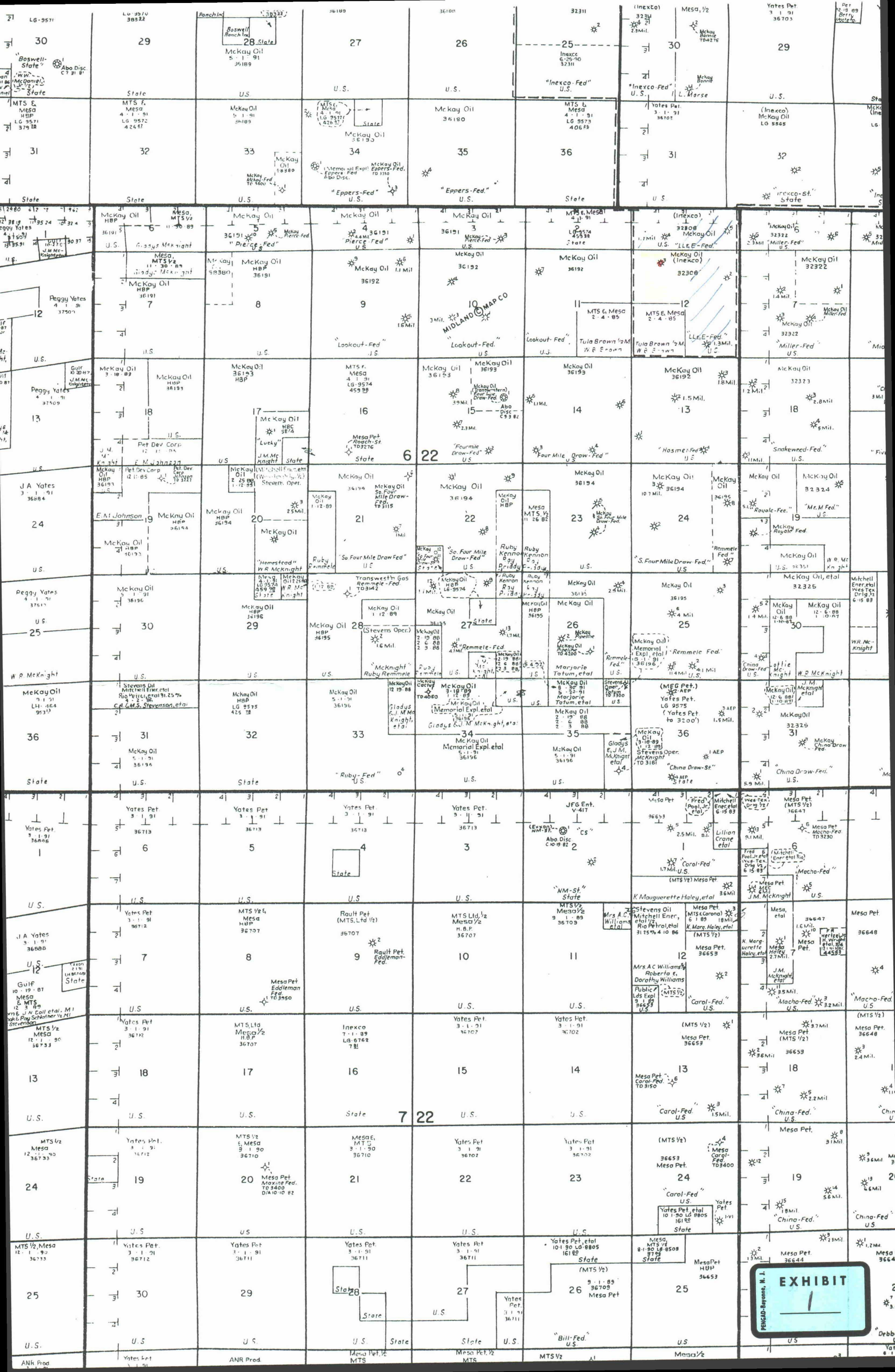


727
MIDLAND © MAP CO





INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO, }
County of CHAVES } ss.

The foregoing instrument was acknowledged before me this 21st day of July, 19 89 by Laura B. Lodwick, a widow, individually, and as Attorney-in-Fact for Laura Patricia Lodewick, John W. Lodewick and Lodewick Energy, Inc., a Texas corporation on behalf of said corporation.

My commission expires 11/18/92, 19

[Signature]
Notary Public

CORPORATION ACKNOWLEDGMENT

STATE OF NEW MEXICO }
County of _____ } ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 19____ by _____ President of _____ corporation on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____ }
County of _____ } ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 19____ by _____

My commission expires _____, 19____ Notary Public

Producers 88 Rev. (8 Year Lease) (10-87)

Oil and Gas
Lease

FROM

• TO

Dated _____, 19____
No. Acres _____
County, N. M. _____

This instrument was filed for record on the _____ day of _____, 19____ at _____ o'clock _____ M., and duly recorded in Book _____, Page _____ of the _____ records of this office.

County Clerk _____
Deputy _____
When recorded return to _____

EXHIBIT "A"
Attachment to Oil and Gas Lease
Dated July 13, 1989

Notwithstanding anything herein to the contrary, it is agreed that Lessee on or before January 13, 1990 shall commence the drilling of a well for oil and/or gas to a sufficient enough depth to test the Abo Formation at approximately 4300' upon the NE $\frac{1}{4}$ of Section 17, Township 9 South, Range 25 East, N.M.P.M., Chaves County, New Mexico. If this well is completed as a producing well, then the Lessee shall have the option but not the obligation, for a period of six (6) additional months from the date of first sales of production from said well into the pipeline, to commence the drilling of a well for oil and/or gas to a sufficient enough depth to test the Abo Formation at approximately 4300' upon the NW $\frac{1}{4}$ of Section 17, Township 9 South, Range 25 East, N.M.P.M., Chaves County, New Mexico. At the end of the primary term or any extension thereof, Lessee shall file of record a Release of Oil and Gas Lease covering any acreage herein that is not being held by a proration unit.

SIGNED FOR IDENTIFICATION this 21st day of July, 1989.

By Laura B. Lodewick
Laura B. Lodewick, Individually

By Laura B. Lodewick
Laura B. Lodewick, as Attorney-in-Fact for Laura Patricia Lodewick, John Widney Lodewick, and Lodewick Energy, Inc., a Texas corporation.

Attest
Certified this 9th day of Jan.
19 90, as a true and correct copy of
the original on file in this office

RHODA GOODLOE
Chaves County Clerk
Mona Kay Kelly
Deputy

State of New Mexico,
County of Chaves
FILED FOR RECORD
JUL 31 1989
At 9:01 AM and recorded in
book 62 page 142
Rhoda Goodloe County Clerk
Mona Kay Kelly Deputy
Rct#67505 \$9.00 Yates Petroleum Corp.
105 South Fourth St.
Artesia, NM 88210

ASSIGNMENT OF ASSETS

THE STATE OF NEW MEXICO §
 §
COUNTY OF CHAVES §

This Assignment of Assets (the "Assignment"), effective as of 7:00 a.m., local time where the Assets are located, January 1, 1989, ("Effective Date"), in Part I by and between Mesa Operating Limited Partnership, a Delaware limited partnership, with offices at One Mesa Square, Amarillo, Texas 79101 (the "Seller"), and Yates Petroleum Corporation, a New Mexico corporation, whose address is 105 South Fourth Street, Artesia, New Mexico 88210 (the "Buyer"); and in Part II by and between Buyer and Yates Drilling Company, Myco Industries, Inc., and Abo Petroleum Corporation, all New Mexico corporations (the "Yates, Myco and Abo Assignees").

W I T N E S S E T H:

PART I: For valuable consideration, the receipt and adequacy of which are hereby acknowledged, Seller hereby grants, sells, conveys, assigns and transfers to Buyer, effective as of the Effective Date, the following:

(a) All of Seller's right, title and interest in and to the interests described in Exhibit "A", which is attached hereto and incorporated by reference;

(b) All of Seller's right, title and interest in and under, or derived from, all presently existing contracts, agreements and instruments insofar as they relate to any interest described in Exhibit "A", including operating agreements, unitization agreements, communitization and pooling agreements, agreements for the sale or purchase of oil, gas, casinghead gas or CO₂, and processing agreements;

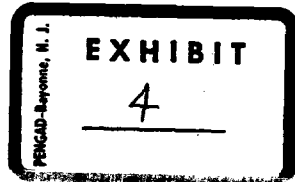
(c) All of Seller's right, title and interest in and to all real and personal property, fixtures, appurtenances, easements, licenses and permits insofar as they relate to any working interest described in Exhibit "A" to be sold to Buyer, including all wells, associated equipment, surface rights, and lease and Unit owned facilities.

All of the property and contract rights, titles and interests described above are hereinafter collectively called the "Assets".

TO HAVE AND TO HOLD the said Assets unto Buyer, its successors and assigns, forever, it being understood, however, that this Assignment is made without warranty of title, either express or implied.

There is hereby excepted and reserved unto Seller, its successors and assigns forever, all of its right, title and interest in and to oil, gas and other minerals of whatever kind or character in, on and under, or that may be produced from, all of Township 5 South, Range 24 East, and all of Township 5 South, Range 25 East, Chaves County, New Mexico, insofar and only insofar as those zones, horizons or formations occurring below a depth of 4200' from the surface, together with the right to use so much of the surface estate as is reasonably necessary to the enjoyment of the estate hereby reserved, including the non-exclusive right to use for access to the interests hereby reserved all easements, rights-of-way, licenses and privileges assigned hereby.

THIS ASSIGNMENT IS MADE AND ACCEPTED WITHOUT ANY EXPRESS OR IMPLIED WARRANTY OR REPRESENTATION AS TO THE MERCHANTABILITY OF ANY OF THE WELLS OR



EQUIPMENT OR THEIR FITNESS FOR ANY PURPOSE, AND WITHOUT ANY OTHER EXPRESS OR IMPLIED WARRANTY OR REPRESENTATION WHATSOEVER. IT IS UNDERSTOOD AND AGREED THAT BUYER SHALL HAVE INSPECTED THE PROPERTY AND PREMISES AND SHALL ACCEPT ALL OF THE SAME IN THEIR "AS IS, WHERE IS" CONDITION. IN ADDITION, SELLER SHALL MAKE NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, AS TO THE ACCURACY OR COMPLETENESS OF ANY DATA, INFORMATION OR MATERIALS HERETOFORE OR HEREAFTER FURNISHED BUYER AS TO THE QUALITY OR QUANTITY OF HYDROCARBON RESERVES (IF ANY) ATTRIBUTABLE TO THE INTERESTS OR THE ABILITY OF THE INTERESTS TO PRODUCE HYDROCARBONS. ANY AND ALL SUCH DATA, INFORMATION AND OTHER MATERIALS FURNISHED BY SELLER IS PROVIDED BUYER AS A CONVENIENCE AND ANY RELIANCE ON OR USE OF THE SAME SHALL BE AT BUYER'S SOLE RISK.

Seller also hereby grants and transfers to Buyer, its successors and assigns, the benefit of and the right to enforce the covenants and warranties, if any, which Seller is entitled to enforce with respect to the Assets against Seller's predecessors in title.

This Assignment is made and accepted subject to the terms and provisions of that certain Grant of Right to Purchase Crude Oil, Condensate and Natural Gas Liquids executed October 1, 1980, effective as of January 1, 1981 (as amended), by and between Mesa Petroleum Co., and Texaco, Inc.

PART II: For valuable consideration, the receipt and adequacy of which are hereby acknowledged, Buyer hereby grants, sells, conveys, assigns and transfers to the Yates, Myco and Abo Assignees, their successors and assigns, effective as of the Effective Date, an undivided three-sixteenths (3/16) of the entire interest in the Assets.

The provisions of PARTS I and II of this instrument shall be binding upon and shall inure to the benefit of Seller, Buyer and Yates, Myco and Abo Assignees and their respective successors and assigns.

This instrument may be executed by Buyer, Seller and Yates, Myco and Abo Assignees in any number of counterparts, each of which shall be deemed an original, but all of which shall constitute but one and the same instrument.

EXECUTED by Seller and Buyer on the dates shown below.

SELLER: MESA OPERATING LIMITED PARTNERSHIP

By: Pickens Operating Co.,
General Partner

By: G. Shell Boudreaux
G. Shell Boudreaux, Vice President
Exploration and Acquisitions

Date: October 20, 1989

BUYER: YATES PETROLEUM CORPORATION

By: Randy G. Patterson
Name: Randy G. Patterson
Title: Attorney-in-Fact
Date: October 20, 1989

YATES, MYCO AND
ABO ASSIGNEES: YATES DRILLING COMPANY
MYCO INDUSTRIES, INC.
ABO PETROLEUM CORPORATION

By: Randy G. Patterson
Name: Randy G. Patterson
Title: Attorney-in-Fact
Date: October 20, 1989

ACKNOWLEDGEMENTS

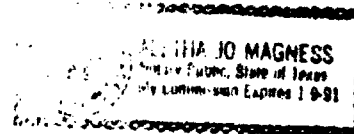
STATE OF TEXAS §
COUNTY OF POTTER §

The foregoing instrument was acknowledged before me this 20th day of October 1989, by G. Shell Boudreaux, President - Exploration and Acquisitions for Pickens Operating Co., a Texas corporation, General Partner of Mesa Operating Limited Partnership, a Delaware limited partnership, on behalf of said limited partnership.

Altha Jo Magness
Notary Public in and for the
State of Texas.

My Commission Expires:

1-9-91



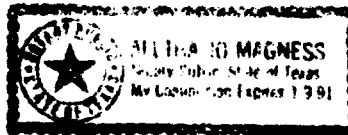
STATE OF TEXAS §
COUNTY OF POTTER §

This instrument was acknowledged before me on the 20th day of October, 1989, by Randy G. Patterson, Attorney-in-Fact for Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc., and Abo Petroleum Corporation, on behalf of said corporations.

Altha Jo Magness
Notary Public in and for the
State of Texas.

My Commission Expires:

1-9-91



ATTACHED TO AND MADE A PART OF THAT CERTAIN ASSIGNMENT DATED
THE 20TH DAY OF OCTOBER, 1989, EFFECTIVE JANUARY 1, 1989, BY
AND BETWEEN MESA OPERATING LIMITED PARTNERSHIP AND YATES
PETROLEUM CORPORATION, ET AL.

-AMBIT "A"

COUNTY: CHAVES	LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
PROSPECT: MAYSTOCK	UNITED STATES OF AMERICA	THOMAS F KEARNS			
NM-21604	NM-9310633			10/01/62	T 006 S R 027 E NMPM SEC 0031 ALL
PROSPECT: PECOS SLOPE	UNITED STATES OF AMERICA	B J BRADSHAW			
NM-23888	NM-22615			10/01/74	T 005 S R 024 E NMPM SEC 0006 ALL T 005 S R 024 E NMPM SEC 0009 S/2 T 005 S R 024 E NMPM SEC 0010 S/2 SE/4, NW/4 T 005 S R 024 E NMPM SEC 0012 S/2 NE/4, W/2 NW/4, SE/4 NW/4, SW/4, W/2 SE/4
PROSPECT: UNITED STATES OF AMERICA	UNITED STATES OF AMERICA	F J BRADSHAW			
NM-23889	NM-14962			03/01/72	T 005 S R 024 E NMPM SEC 0022 NE/4, E/2 NW/4, SW/4 NW/4, S/2 T 005 S R 024 E NMPM SEC 0023 W/2 NE/4, W/2
PROSPECT: UNITED STATES OF AMERICA	UNITED STATES OF AMERICA	B J BRADSHAW			
NM-23890	NM-20052			03/01/74	T 006 S R 025 E NMPM SEC 0022 W/2 SE/4

EXHIBIT "A" PAGE 2
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23891	UNITED STATES OF AMERICA NM-15863	F J BRADSHAW	07/01/72	T 006 S R 025 E NMPM SEC 0026 E/2
NM-23892	UNITED STATES OF AMERICA NM-14906	F J BRADSHAW	03/01/72	T 006 S R 025 E NMPM SEC 0007 LOT 1 (36.51), NE/4 SW/4 T 006 S R 025 E NMPM SEC 0005 LOTS 1 (45.74), 2 (46.07), 3 (46.41), 4 (46.73) T 006 S R 025 E NMPM SEC 0006 LOTS 1 (46.79), 2 (46.99), 3 (47.17), 4 (47.35) T 006 S R 024 E NMPM SEC 0001 LOTS 9 (51.78), 10 (50.81), 11 (49.63), 12 (48.87)
NM-23893	UNITED STATES OF AMERICA NM-14754	F J BRADSHAW	02/01/72	T 006 S R 025 E NMPM SEC 0017 N/2, NW/4 SW/4 T 006 S R 025 E NMPM SEC 0008 SW/4 SW/4, E/2 SW/4, SE/4
NM-23894	UNITED STATES OF AMERICA NM-20337	F J BRADSHAW	04/01/74	VOL 220 PAGE 565 T 006 S R 025 E NMPM SEC 0018 N/2 SE/4, NE/4 T 006 S R 025 E NMPM SEC 0031 LOTS 3, 4, E/2 SW/4, W/2 SE/4, SE/4
NM-23895	UNITED STATES OF AMERICA NM-14993	F J BRADSHAW	03/01/72	T 007 S R 025 E SEC 0004 LOTS 1, 2, 3, 4, S/2 N/2, S/2

UNITED STATES OF AMERICA
COUNTY: CHAVES
STATE: NEW MEXICO
10/15/77
F-176

EXHIBIT "A" PAGE 3
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23896 UNITED STATES OF AMERICA F. J. BRADSHAW
NM-17793

LEASE DATE
03/01/75

RECORDED

DESCRIPTION:

T 007 S
R 026 E NMPM
SEC 0029
NM/4 SW/4
T 007 S
R 026 E NMPM
SEC 0030
W/2 SE/4
T 007 S
R 026 E NMPM
SEC 0031
LOTS 1, 2, 3, NE/4 SW/4,
SE/4

01/01/75

DESCRIPTION:

T 006 S
R 023 E NMPM
SEC 0003
LOTS 1, 2, 3, 4, S/2 N/2, S/2
T 006 S
R 023 E NMPM
SEC 0004
LOTS 1, 2, 3, 4, S/2 N/2,
S/2
T 006 S
R 023 E NMPM
SEC 0005
LOTS 1, 2, 3, 4, S/2 N/2,
S/2
T 006 S
R 023 E NMPM
SEC 0006
ALL

02/01/75

DESCRIPTION:

T 008 S
R 025 E NMPM
SEC 0001
LOTS 2, 3, 4, SW/4 NE/4,
S/2 NW/4, SE/4

10/01/73

DESCRIPTION:

T 008 S
R 025 E NMPM
SEC 0001
LOT 1, SE/4 NE/4
T 008 S
R 025 E NMPM
SEC 0006
LOT 4

NM-23899 UNITED STATES OF AMERICA F. J. BRADSHAW
NM-14756
NM-23900 UNITED STATES OF AMERICA F. J. BRADSHAW
NM-A19216

CERTIFICATION

Any photostatic copies of documents on this file may not be admitted into evidence in the absence of the original documents. This document is hereby certified to be a true and correct copy of the original document on file.

BOOK 67 AGE 659

EXHIBIT MAP PAGE 4
COUNTY CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23960 0 (CONT'D)

LESSOR

LEASE DATE

RECORDED

NM-23901 UNITED STATES OF AMERICA F J BRADSHAW

09/01/71
DESCRIPTION:

T 009 S
R 025 E NMPM
SEC 0011
E/2 E/2, SW/4 SE/4
T 009 S
R 025 E NMPM
SEC 0014
E/2 E/2
T 009 S
R 025 E NMPM
SEC 0015
SW/4 NW/4
T 009 S
R 025 E NMPM
SEC 0026
N/4 NW/4
T 009 S
R 025 E NMPM
SEC 0027
N/2 NW/4
T 009 S
R 025 E NMPM
SEC 0028
N/2 NE/4

NM-23902 UNITED STATES OF AMERICA F J BRADSHAW
NM-23902

09/01/71
DESCRIPTION:

T 009 S
R 022 E NMPM
SEC 0023
ALL
T 009 S
R 022 E NMPM
SEC 0024
N/2, SW/4, SE/4
T 009 S
R 022 E NMPM
SEC 0026
ALL
T 009 S
R 022 E NMPM
SEC 0025
ALL

NM-23910 STATE OF NEW MEXICO
LC-6975-2

PUBLIC LANDS EXPLORATION INC 09/01/79
DESCRIPTION:

T 007 S
R 02 E
SEC 0009
ALL

CERTIFICATION

All information on this map is derived from the maps and other documents on file in the office of the Surveyor General of the State of New Mexico. The Surveyor General is not responsible for the accuracy of the information on this map. The Surveyor General is not responsible for the accuracy of the information on this map. The Surveyor General is not responsible for the accuracy of the information on this map.

Surveyor General

EXHIBIT MAP PAGE 5
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR

NM-23910 0 (CONT'D)

LESSEE

LEASE DATE

RECORDED

DESCRIPTION:

T 007 S
R 023 E
SEC 0010
ALL

NM-23911

STATE OF NEW MEXICO
LG-6679-2

PUBLIC LANDS EXPLORATION INC

06/01/79

DESCRIPTION:

T 007 S
R 023 E
SEC 0021
ALL
T 007 S
R 023 E
SEC 0022
ALL

NM-23915

STATE OF NEW MEXICO
LG-6693-2

PUBLIC LANDS EXPLORATION INC

06/01/79

DESCRIPTION:

T 009 S
R 023 E
SEC 0005
LOTS 1 (39.91), 2 (39.91),
3 (39.91), 4 (40.00), 5/2 N/2,
3/2
T 009 S
R 023 E
SEC 0006
ALL

NM-23925

UNITED STATES OF AMERICA
NM-32167

GEN CLCDE

02/01/78

DESCRIPTION:

T 006 S
R 026 E N/4
SEC 0006
LOTS 1, 2, 3, 4
T 006 S
R 026 E N/4
SEC 0006
LOTS 1, 2, 4
T 006 S
R 026 E N/4
SEC 0005
LOTS 1, 2, 3, 4

NM-23926

UNITED STATES OF AMERICA
NM-32167

GEN CLCDE

05/01/77

DESCRIPTION:

T 009 S
R 025 E
SEC 0006
LOTS 1, 2, 3, 4, 5/2 N/2,
T 009 S
R 025 E
SEC 0005
SW/4, N/2 SE/4

EXHIBIT "A" PAGE 6
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23926 0 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

T 009 S
R 025 E
SEC 0006
LOTS 1, 2, 6, 7, 5/2 NE/4,
E/2 SW/4, SE/4
T 009 S
R 025 E
SEC 0007
NE/4
T 009 S
R 025 E
SEC 0008
S/2 NW/4

NM-23928

UNITED STATES OF AMERICA
NM-20932

ORLAND K URRUM

05/01/74

DESCRIPTION:

T 008 S
R 024 E
SEC 0012
W/2
T 008 S
R 024 E NMPM
SEC 0001
LOTS 1, 2, 3, 4, 5/2 N/2

NM-23929

UNITED STATES OF AMERICA
NM-27970

SAM T BRACKEN

06/01/76

DESCRIPTION:

T 007 S
R 025 E NMPM
SEC 0005
LOTS 1, 2, 5/2 NE/4, SE/4
T 007 S
R 025 E NMPM
SEC 0008
E/2
T 007 S
R 025 E NMPM
SEC 0017
NE/4, W/2 NW/4
T 007 S
R 025 E NMPM
SEC 00
E/2
T 007 S
R 025 E NMPM
SEC 0020
W/2, S/2 SE/4

NM-23930

UNITED STATES OF AMERICA
NM-33266

DONNA MAE LIVERMORE

07/01/76

DESCRIPTION:

T 005 S
R 024 E NMPM
SEC 0015
W/2
T 005 S
R 024 E NMPM
SEC 0017
W/2

CERTIFICATION

Notarizing Public Bureau of Chaves Co. NM, 100 N. 2nd St., Lordsburg, NM 88000
I, Notary Public, do hereby certify that the foregoing is a true and correct copy of the original as recorded in the
Records of this County, Chaves County, New Mexico.

Notary Public, Chaves County, New Mexico
10/15/1976

EXHIBIT "A" PAGE 7
COUNTY: CHAVES
STATE: NEW MEXICO

67 682

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23933	UNITED STATES OF AMERICA NM-30627	VINCENT J LANDIS	08/01/77 DESCRIPTION:	T 006 S R 026 E ANMPN SEC 0020 N/2 SW/4, SE/4 SW/4
NM-23936	UNITED STATES OF AMERICA NM-36410	VICKIE J LANDIS	05/01/79 DESCRIPTION:	T 006 S R 025 E ANMPN SEC 0008 N/2, NW/4 SW/4,
NM-23937	UNITED STATES OF AMERICA NM-29416	BARBARA B EYRE	02/01/77 DESCRIPTION:	T 008 S R 025 E SEC 0008 ALL
NM-23938	UNITED STATES OF AMERICA NM-33943	J D GUFFEY	09/01/76 DESCRIPTION:	VOL 175 PAGE 181 T 009 S R 024 E SEC 0012 LOTS 1(42-11), 2(42-09), 3(43-41), 4(42-63), 5/2 SW/4 T 009 S R 024 E SEC 0013 LOTS 1(42-21), 2(41-39), 3(41-31), 4(42-14), W/2, SE/4 T 009 S R 024 E SEC 0014 SE/4 NE/4, W/2 N/2, E/2 SE/4 T 009 S R 024 E SEC 0015 ALL T 009 S R 024 E SEC 0022 W/2 N/2 T 009 S R 024 E SEC 0023 E/2 NE/4, W/2 NW/4 T 009 S R 024 E SEC 0024 W/2 N/2

EXHIBIT MAP PAGE 8
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR

MM-23945 UNITED STATES OF AMERICA
MM-31098

LESSEE
ANNE POMRE

LEASE DATE
09/01/77

RECORDED
VOL 226 PAGE 815

T 006 S
R 026 E NMPH
SEC 0024
ALL
T 006 S
R 026 E NMPH
SEC 0025
E/2 NE/4, NW/4 NE/4, W/2,
S/2 SE/4

MM-23948 UNITED STATES OF AMERICA
MM-36707

ABEL SUAZO

09/01/79
DESCRIPTION:

T 007 S
R 022 E NMPH
SEC 0008
ALL
T 007 S
R 022 E NMPH
SEC 0009
ALL
T 007 S
R 022 E NMPH
SEC 0010
ALL
T 007 S
R 022 E NMPH
SEC 0017
ALL

MM-23956 UNITED STATES OF AMERICA
MM-36651

JOE S SCHUTZ

09/01/79
DESCRIPTION:

T 008 S
R 022 E
SEC 0024
ALL
T 00 S
R 022 E
SEC 0025
ALL

MM-23957 UNITED STATES OF AMERICA
MM-36652

JOE SCHUTZ

09/01/79
DESCRIPTION:

T 008 S
R 022 E
SEC 0001
LOTS 1, 2, 3, 4, S/2 N/2
T 008 S
R 022 E
SEC 0012
ALL
T 008 S
R 022 E
SEC 0013
ALL

CERTIFICATION

ALL photostatic copies of documents on this file are of certified accuracy
in the possession of this agency as noted in the Statement of Document Certification on
the back of this agency. These documents are hereby acknowledged as a primary source in
the possession of this agency.

James S. Williams 10/15/77 J-175

EXHIBIT "A" PAGE 9
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23956 UNITED STATES OF AMERICA
NM-36653

LESSEE
JOE B SCHUTZ

LEASE DATE
09/01/79

RECORDED

DESCRIPTION:

T 007 S
R 022 E
SEC 0001
LOTS 2, 3, 4, SW/4 NE/4,
S/2 NW/4, N/2 S/2
T 007 S
R 022 E
SEC 0012
S/2 NE/4, SW/4 SE/4
T 007 S
R 022 E
SEC 0013
ALL
T 007 S
R 022 E
SEC 0024
N/2 N/2 S/2, SW/4 SW/4,
SE/4 SE/4
T 007 S
R 022 E
SEC 0025
E/2, S/2 NW/4, SW/4

09/01/79
DESCRIPTION:

T 008 S
R 023 E NMPM
SEC 0001
W/2 SW/4, SE/4 SW/4,
E/2 W/2
T 008 S
R 023 E NMPM
SEC 0006
LOTS 1, 2, 3, 4, 5, 6, 7,
S/2 NE/4, SE/4 NW/4, E/2 SW/4,
SE/4
T 008 S
R 023 E NMPM
SEC 0007
LOTS 1, 2, 3, 4, E/2, E/2 W/2
T 008 S
R 023 E NMPM
SEC 0010
LOTS 1, 2, 3, 4, E/2, E/2 W/2

WOL 200 PAGE 438

09/01/79
DESCRIPTION:

T 007 S
R 023 E
SEC 0017
S/2 NE/4, SE/4, W/2
T 007 S
R 023 E
SEC 0018
ALL

NM-23962 UNITED STATES OF AMERICA JOE B SCHUTZ
NM-36648

NM-23961 UNITED STATES OF AMERICA JOE B SCHUTZ
NM-36643

EXHIBIT MAP PAGE 10
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23962 0 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

NM-23963 UNITED STATES OF AMERICA JOE B SCHUTZ
NM-36644

09/01/79
DESCRIPTION:

T 007 S
R 023 E
SEC 0019
ALL
T 007 S
R 023 E
SEC 0020
N/2, SW/4, N/2 SE/4, SE/4 SE/4

NM-23964 UNITED STATES OF AMERICA JOE B SCHUTZ
NM-36699

03/01/80
DESCRIPTION:

T 007 S
R 023 E NMPM
SEC 0023
E/2 NE/4
T 007 S
R 023 E NMPM
SEC 0024
N/2 NW/4
LOTS 1, 2, 3, 4, E/2, E/2 W/2

NM-23965 UNITED STATES OF AMERICA JOE B SCHUTZ
NM-36647

09/01/79
DESCRIPTION:

T 007 S
R 023 E NMPM
SEC 0005
LOTS 1, 2, 3, 4, S/2 N/2, S/2
T 007 S
R 023 E NMPM
SEC 0006
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SE/4 NW/4, NE/4 SW/4, SE/4
T 007 S
R 023 E NMPM
SEC 0007
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SW/4 NE/4, SE/4 SW/4, SE/4
T 007 S
R 023 E NMPM
SEC 0008
W/2

EXHIBIT "A" PAGE 11
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER LESSOR
 NM-23965 0 (CONT'D)

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NM-23967

UNITED STATES OF AMERICA
 NM-36646

JOE B SCHULTZ

09/01/77

DESCRIPTION:

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 T 007 S
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 R 023 E NMPM
 SEC 0014
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T 009 S
 R 023 E NMPM
 SEC 0019
 LOTS 3, 4, E/2 SW/4, SE/4
 T 009 S
 R 023 E NMPM
 SEC 0025
 S/2 NW/4, NW/4 SW/4
 T 009 S
 R 023 E NMPM
 SEC 0029
 E/2 NE/4, SW/4 NW/4, S/2
 T 009 S
 R 023 E NMPM
 SEC 0030
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 T 009 S
 R 023 E NMPM
 SEC 0031
 ALL
 T 009 S
 R 023 E NMPM
 SEC 0033
 NW/4, NW/4 SW/4

NM-23974

CLARENCE E WINKLE ET UX

PUBLIC LANDS EXPLORATION INC

04/05/77
 DESCRIPTION:

VDL 180 PAGE 551
 T 008 S
 R 026 E
 SEC 0022
 W/2
 T 008 S
 R 026 E
 SEC 0004
 W/2 NE/4, SE/4 NE/4, NE/4 NW/4
 T 008 S
 R 026 E
 SEC 0006
 W/2 NE/4, NW/4 SE/4
 W/2 SW/4, E/2 NW/4, SW/4 NW/4

NM-23974

ALBERT GRANT BRITTON ET UX

F ANDREW GROOMS

04/17/81
 DESCRIPTION:

VDL 205 PAGE 1014
 T 008 S
 R 026 E
 SEC 0004
 NE/4 NW/4, N/2 NE/4, SE/4 NE/4

EXHIBIT "A" PAGE 12
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23974	5 CORINNE J GRIFFIN	F ANDREW GROOMS	05/26/81 DESCRIPTION:	VOL 207 PAGE 651 T 008 S R 026 E NMPM SEC 0003 W/2
NM-23974	6 RICHARD FRANKLIN HALTER ET AL	F ANDREW GROOMS	05/15/81 DESCRIPTION:	VOL 207 PAGE 906 T 008 S R 026 E NMPM SEC 0003 W/2 T 008 S R 026 E NMPM SEC 0004 NE/4 NW/4, N/2 NE/4, SE/4 NE/4
NM-23974	8 JAMES QUENTIN MARSHALL ET UX	F ANDREW GROOMS	05/15/81 DESCRIPTION:	VOL 207 PAGE 41 T 008 S R 026 E NMPM SEC 0003 W/2 T 008 S R 026 E NMPM SEC 0004 NE/4 NW/4, N/2 NE/4, SE/4 NE/4
NM-23974	10 MARSHALL AND WINSTON INC	F ANDREW GROOMS	05/20/81 DESCRIPTION:	VOL 207 PAGE 222 T 008 S R 026 E NMPM SEC 0003 W/2 T 008 S R 026 E NMPM SEC 0004 NE/4 NW/4, N/2 NE/4, SE/4 NE/4
NM-23974	12 SAMUEL H MARSHALL TRUST	F ANDREW GROOMS	05/20/81 DESCRIPTION:	VOL 207 PAGE 969 T 008 S R 026 E NMPM SEC 0003 W/2 T 008 S R 026 E NMPM SEC 0004 NE/4 NW/4, N/2 NE/4, SE/4 NE/4
NM-23974	14 BONNIE H MORRISON	F ANDREW GROOMS	05/20/81 DESCRIPTION:	VOL 207 PAGE 649 T 008 S R 026 E NMPM SEC 0003 W/2 T 008 S R 026 E NMPM SEC 0004 NE/4 NW/4, N/2 NE/4, SE/4 NE/4

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Deed of Conveyance

10/15/81 8-175

EXHIBIT MAP PAGE 13
COUNTY: CHAVEZ
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSOR	LEASE DATE	RECORDED
NM-23974 16	CLARENCE E HINKLE ET UX	PUBLIC LANDS EXPLORATION, INC.	04/05/79 DESCRIPTION:	VOL 100 PAGE 549 T 008 S R 026 E SEC 0003 M/2
NM-23974 17	THE R R HINKLE COMPANY	F ANDREW GROOMS	08/31/81 DESCRIPTION:	VOL 212 PAGE 154 T 008 S R 026 E NMPH SEC 0003 M/2 T 008 S R 026 E NMPH SEC 0004 E/2 NE/4, NW/4 NE/4, NE/4 NW/4
NM-23974 19	MCQUIDDY COMMUNICATIONS AND ENERGY INC	F ANDREW GROOMS	04/31/91 DESCRIPTION:	VOL 211 PAGE 505 T 008 S R 026 E NMPH SEC 0003 M/2 T 008 S R 026 E NMPH SEC 0004 E/2 NE/4, NW/4 NE/4, NE/4 NW/4
NM-23975	CLARENCE E HINKLE ET UX	PUBLIC LANDS EXPLORATION INC	04/05/79 DESCRIPTION:	VOL 100 PAGE 553 T 009 S R 024 E SEC 0011 M/2, M/2 E/2 T 009 S R 024 E SEC 0014 E/2 M/2, M/2 E/2
NM-23976	ROYALTY INVESTMENT COMPANY	PUBLIC LANDS EXPLORATION, INC.	04/05/79 DESCRIPTION:	VOL 100 PAGE 569 T 006 S R 024 E SEC 0023 S/2 S/2 T 006 S R 024 E SEC 0024 SE/4 NE/4, E/2 SE/4, SW/4 SE/4, S/2 SW/4 T 006 S R 024 E SEC 0025 NE/4 NE/4, NW/4, NE/4 SW/4 T 006 S R 024 E SEC 0026 N/2 NE/4, N/2 NW/4

EXHIBIT "A" PAGE 14
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23976 1 H G BEDFORD ET AL

LESSEE
PUBLIC LANDS EXPLORATION, INC.

LEASE DATE
04/14/79
DESCRIPTION:

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VOL 180 PAGE 599
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R 024 E
SEC 0023
S/2 S/2
T 006 S
R 024 E
SEC 0024
S/2 S/2, SE/4 NE/4, NE/4 SE/4
T 006 S
R 024 E
SEC 0025
NE/4 NE/4, NW/4, NE/4 SW/4
T 006 S
R 024 E
SEC 0026
N/2 N/2

NM-23976 2 LUDIE BEDFORD

PUBLIC LANDS EXPLORATION, INC.

04/14/79
DESCRIPTION:

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VOL 180 PAGE 591
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SEC 0023
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T 006 S
R 024 E
SEC 0024
S/2 S/2, SE/4 NE/4, NE/4 SE/4
T 006 S
R 024 E
SEC 0025
NE/4 NE/4, NW/4, NE/4 SW/4
T 006 S
R 024 E
SEC 0026
N/2 N/2

NM-23977 H G BEDFORD ET AL

PUBLIC LANDS EXPLORATION, INC.

04/14/79
DESCRIPTION:

RECORDED
VOL 180 PAGE 597
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SEC 0017
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T 006 S
R 024 F
SEC 0018
LOTS 7, 8, 11, 12
T 006 S
R 024 E
SEC 0019
LOTS 1, 2, 6, 7, N/2 SE/4,
NE/4
T 006 S
R 024 E
SEC 0030
E/2 E/2

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All microphotographic images of documents on this film strip are of authorized documents in the possession of this agency as noted in the Statement of Documents. Certification on (P) at this agency. These documents are hereby acknowledged as a necessary condition in

EXHIBIT MAP PAGE 15
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23977 0 (CONT'D)

LESSOR

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DESCRIPTION:

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NM-23977 2 LUDIE BEDFORD

PUBLIC LANDS EXPLORATION, INC.

04/14/79
DESCRIPTION:

VOL 180 PAGE 593

T 006 S
R 023 E
SEC 0012
S/2 SW/4, NW/4 SW/4
SW/4 NW/4, SE/4 SE/4
006 S
R 023 E
SEC 0013

R 023 E NMPH
SEC 0013
N/2 N/2
T 006 S
R 024 E NMPH
SEC 0017
SW/4 NW/4, N/2 SW/4, SE/4 SW/4

T 006 S
R 024 E NMPH
SEC 0016
LOTS 7, 8, 11, 12
T 006 S
R 024 E NMPH
SEC 0019
LOTS 1, 2, 6, 7, N/2 SE/4, NE/4
R 024 E NMPH
SEC 0030
E/2 E/2

NM-23977 7 M G BEDFORD

MESA PETROLEUM CO

10/14/85
DESCRIPTION:

VOL 290 PAGE 436

T 006 S
R 024 E
SEC 0020
M/2 SW/4
T 006 S
R 024 E
SEC 0029
NW/4

NM-23977 8 M G BEDFORD ET UX

MESA PETROLEUM CO

10/14/85
DESCRIPTION:

VOL 290 PAGE 434
T 006 S
R 024 E
SEC 0020
M/2 SW/4
T 006 S
R 024 E
SEC 0029
NW/4

EXHIBIT MAP PAGE 16
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23977	9 LUDIE BEDFORD	MESA PETROLEUM CO	10/14/85 DESCRIPTION:	VOL 290 PAGE 438 T 006 S R 024 E SEC 0020 M/2 SW/4 T 006 S R 024 E SEC 0029 NM/4
NM-23977	10 VERA N BEDFORD PER REP	MESA PETROLEUM CO	10/14/85 DESCRIPTION:	VOL 291 PAGE 1 T 006 S R 024 E SEC 0020 M/2 SW/4 T 006 S R 024 E SEC 0029 NM/4
NM-23977	11 MARGARET BEDFORD	MESA PETROLEUM CO	10/14/85 DESCRIPTION:	VOL 290 PAGE 432 T 006 S R 024 E SEC 0020 M/2 SW/4 T 006 S R 024 E SEC 0029 NM/4
NM-23977	12 RUTH FREE	MESA PETROLEUM CO	10/14/85 DESCRIPTION:	VOL 291 PAGE 5 T 006 S R 024 E SEC 0020 M/2 SW/4 T 006 S R 024 E SEC 0029 NM/4
NM-23978	H G BEDFORD ET AL	PUBLIC LANDS EXPLORATION INC	04/14/79 DESCRIPTION:	VOL 180 PAGE 595 T 006 S R 025 E SEC 0019 LOTS 2, 3, 4 T 006 S R 025 E SEC 0030 LOT 1, E/2 SW/4, SE/4 T 006 S R 025 E SEC 0020 S/2 T 006 S R 025 E SEC 0029 S/2

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Original Documents 10/15/87

EXHIBIT MAP PAGE 17
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR

MM-23978 0 (CONT'D)

LESSEE

LEASE DATE

DESCRIPTION:

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MM-23978 7 ROYALTY INVESTMENT CO.

PUBLIC LANDS EXPLORATION, INC. 04/05/79

DESCRIPTION:

VOL 180 PAGE 563

T 006 S

R 025 E

SEC 0031

NE/4, NE/4 SE/4

SEC 0019

SW/4 NW/4, W/2 SW/4

T 006 S

R 025 E

SEC 0030

NW/4 NW/4, E/2 SW/4, SW/4 SE/4

T 006 S

R 025 E

SEC 0029

S/2

T 006 S

R 025 E

SEC 0031

NE/4, NE/4 SE/4

SEC 0029

S/2

T 006 S

R 025 E

SEC 0030

LOT 1, E/2 SW/4, SW/4 SE/4

T 006 S

R 025 E

SEC 0029

S/2

T 006 S

R 025 E

SEC 0030

LOT 1, E/2 SW/4, SW/4 SE/4

MM-23978 8 ROYALTY INVESTMENT CO.

PUBLIC LANDS EXPLORATION, INC. 04/05/79

DESCRIPTION:

VOL 180 PAGE 563

T 006 S

R 025 E

SEC 0019

SW/4 NW/4, W/2 SW/4

T 006 S

R 025 E

SEC 0030

NW/4 NW/4, E/2 SW/4, SW/4 SE/4

T 006 S

R 025 E

SEC 0029

S/2

T 006 S

R 025 E

SEC 0031

NE/4, NE/4 SE/4

SEC 0029

S/2

T 006 S

R 025 E

SEC 0030

LOT 1, E/2 SW/4, SW/4 SE/4

MM-23978 13 LUDIE BEDFORD

PUBLIC LANDS EXPLORATION, INC. 04/14/79

DESCRIPTION:

VOL 180 PAGE 569

T 006 S

R 025 E

SEC 0019

LOTS 2 & 3, 4

T 006 S

R 025 E

SEC 0020

S/2

T 006 S

R 025 E

SEC 0030

LOT 1, E/2 SW/4, SW/4 SE/4

EXHIBIT "A" PAGE 18
COUNTY: CHAVES
STATE: NEW MEXICO

BOOK 67

PAGE 673
LEASE NUMBER LESSOR

MM-23978 13 (CONT'D)

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DESCRIPTION:

T 006 S
R 025 E
SEC 0021
NE/4, NE/4 SE/4

03/06/80
DESCRIPTION:

VOL 190 PAGE 569
T 006 S
R 025 E
SEC 0020
S/2

03/06/80
DESCRIPTION:

VOL 190 PAGE 964
T 006 S
R 025 E
SEC 0020
S/2

03/06/80
DESCRIPTION:

VOL 190 PAGE 909
T 006 S
R 025 E
SEC 0020
S/2

03/06/80
DESCRIPTION:

VOL 190 PAGE 911
T 006 S
R 025 E
SEC 0020
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VOL 190 PAGE 907
T 006 S
R 025 E
SEC 0020
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DESCRIPTION:

VOL 190 PAGE 571
T 006 S
R 025 E
SEC 0020
S/2

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DESCRIPTION:

VOL 190 PAGE 573
T 006 S
R 025 E
SEC 0020
S/2

03/06/80
DESCRIPTION:

VOL 190 PAGE 575
T 006 S
R 025 E
SEC 0020
S/2

MM-23978 20 MAE BELL BOONE

A D SOLSBERY

MM-23978 21 BRUCE SIMP

A D SOLSBERY

MM-23978 22 DOROTHY WILLIAMS

A D SOLSBERY

MM-23978 23 ELDA MULLENIX

A D SOLSBERY

MM-23978 24 FLORENE MOORE

A D SOLSBERY

MM-23978 25 MERLE MILL

A D SOLSBERY

MM-23978 26 MARLIN L COLLIER

A D SOLSBERY

MM-23978 27 W JAMES COLLIER

A D SOLSBERY

EXHIBIT "A" PAGE 19
COUNTY: CHAVES
STATE: NEW MEXICO

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BOOK 67 PAGE 674

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23978 28	WANDA PHILLIPS	A D SOLSBERY	03/06/90 DESCRIPTION: VOL 190 PAGE 577 T 006 S R 025 E SEC 0020 S/2	VOL 190 PAGE 579 T 006 S R 025 E SEC 0020 S/2
NM-23978 29	DANNIE BOWMAN	A D SOLSBERY	03/06/90 DESCRIPTION: VOL 190 PAGE 581 T 006 S R 025 E SEC 0020 S/2	VOL 197 PAGE 518 T 006 S R 025 E SEC 0020 S/2
NM-23978 30	HAROLD C FOWLER	A D SOLSBERY	03/06/90 DESCRIPTION: VOL 190 PAGE 581 T 006 S R 025 E SEC 0020 S/2	VOL 197 PAGE 518 T 006 S R 025 E SEC 0020 S/2
NM-23978 31	RONALD SIMER	A D SOLSBERY	03/06/90 DESCRIPTION: VOL 197 PAGE 518 T 006 S R 025 E SEC 0020 S/2	VOL 197 PAGE 518 T 006 S R 025 E SEC 0020 S/2
NM-23979	JOHN N BENEDICT	PUBLIC LANDS EXPLORATION INC	04/24/79 DESCRIPTION: VOL 180 PAGE 610 T 005 S R 025 E NMPM SEC 0001 W/2 T 005 S R 025 E NMPM SEC 0002 E/2 SE/4, SW/4 SE/4 T 005 S R 025 E NMPM SEC 0004 S/2 SE/4, S/2 NW/4, SE/4 SW/4, N/2 SW/4 T 005 S R 025 E NMPM SEC 0005 S/2 NE/4 T 005 S R 025 E NMPM SEC 0009 NE/4 NE/4 T 005 S R 025 E NMPM SEC 0010 W/2 NW/4, SE/4 NW/4, NE/4 SW/4, N/2 SE/4, T 005 S R 025 E NMPM SEC 0011 W/2 SW/4, NE/4, N/2 SE/4, SE/4 SE/4	

EXHIBIT "A" PAGE 20
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23979 0 (CONT'D)

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NM-23979 5 THOMAS L BENEDICT

PUBLIC LANDS EXPLORATION INC

04/24/79
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T 005 S	
R 024 E NM/4	
SEC 0001	
SW/4 SW/4	
T 005 S	
R 024 E NM/4	
SEC 0002	
SE/4 SE/4	
T 005 S	
R 024 E NM/4	
SEC 0011	
N/2 NE/4, S/2 NW/4, SW/4 NE/4,	
NE/4 NW/4	
T 005 S	
R 025 E	
SEC 0001	
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T 005 S	
R 025 E	
SEC 0002	
E/2 SE/4, SW/4 SE/4	
T 005 S	
R 025 E	
SEC 0004	
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N/2 SW/4	
T 005 S	
R 025 E	
SEC 0005	
S/2 NE/4	
T 005 S	
R 025 E	
SEC 0009	
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T 005 S	
R 025 E	
SEC 0010	
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NE/4 SW/4, N/2 SE/4	
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R 025 E	
SEC 0011	
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SE/4 SE/4	
T 005 S	
R 025 E	
SEC 0012	
N/2, SW/4, SW/4 SE/4, N/2 SE/4	
T 005 S	
R 024 E	
SEC 0001	
SW/4 SW/4	

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MM-23979 5 (CONT'D)

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MM-23979 10 LAURA R LODEWICK ET AL

CARL A SCHELLING

DESCRIPTION:

VOL 200 PAGE 356

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SM/4 SM/4
SM/4 SM/4

REC-0003
R 024 E NMPM

3E/4 3E/4
T 005 S

SEC 0011

N/Z NL/V SW/4 NH/4

JM/V NL/V E/E NM/V

002533

S/2 NM/4, N/2 SM/4, SE/4 SM/4,

500 1

SEC 0005

505 T

SEC 0008

5051

SEC 0009

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7 5

SEC 0010 NM/A E/J NM/A NE/A SW/A

W/2 SE/4
T 005 S

REC 0011

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I 0055

SEC 0013

W-3055

SEC 0023

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EXHIBIT "A" PAGE 22
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23979 10 (CONT'D)

NM-23979 10 ARTHUR W SPIEGEL ET UX

CARL A SCHELLINGER

LESSEE

LEASE DATE
DESCRIPTION:
12/15/80
DESCRIPTION:

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T 005 S
R 025 E
SEC 0024
NE/4 NW/4
T 005 S
R 025 E
SEC 0026
NE/4 E/2 NW/4, NW/4 SE/4
VOL 200 PAGE 358
T 005 S
R 024 E NMPM
SEC 0001
SW/4 SW/4
T 005 S
R 024 E NMPM
SEC 0002
SE/4 SE/4
T 005 S
R 024 E NMPM
SEC 0011
NW/4 NW/4, SW/4 NE/4, E/2 NW/4,
SW/4 NW/4
T 005 S
R 025 E NMPM
SEC 0004
S/2 NW/4, N/2 SW/4, SE/4 SW/4,
S/2 SE/4
T 005 S
R 025 E NMPM
SEC 0005
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T 005 S
R 025 E NMPM
SEC 0008
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T 005 S
R 025 E NMPM
SEC 0010
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NW/4 SE/4
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R 025 E NMPM
SEC 0011
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R 025 E NMPM
SEC 0013
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T 005 S
R 025 E NMPM
SEC 0023
S/2 SE/4, SE/4 SW/4

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04/15/2007 10/15/2007 175

EXHIBIT "A" PAGE 23
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23979 10 (CONT'D)

LESSEE

NM-23979 26 RICHARD W DANNAN ET UX

CARL A SCHELLINGER

LEASE DATE
DESCRIPTION:
12/15/80

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VOL 200 PAGE 353
T 005 S
R 025 E NMPM
SEC 0024
NE/4 NW/4
T 005 S
R 025 E NMPM
SEC 0026
NE/4, E/2 NW/4, NW/4 SE/4
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R 024 E NMPM
SEC 0002
SE/4 SE/4
T 005 S
R 024 E NMPM
SEC 0011
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SW/4 NW/4
T 005 S
R 025 E NMPM
SEC 0004
S/2 NW/4, N/2 SW/4, SE/4 SW/4,
S/2 SE/4
T 005 S
R 025 E NMPM
SEC 0005
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R 025 E NMPM
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T 005 S
R 025 E NMPM
SEC 0009
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SEC 0010
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N/2 SE/4
T 005 S
R 025 E NMPM
SEC 0011
N/2 SW/4
T 005 S
R 025 E NMPM
SEC 0013
N/2 NW/4, E/2 SW/4
T 005 S
R 025 E NMPM
SEC 0023
S/2 SE/4, SE/4 SW/4

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of the transaction of the involved document file.

Shirley S. Anderson

10/15/80

EXHIBIT MAP PAGE 24
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER LESSOR
 NM-23979 26 (CONT'D)

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LEASE DATE
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NM-23980 MOODROW M HANCOCK ET UX

PUBLIC LANDS EXPLORATION INC

05/04/79
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VOL 180 PAGE 617

T 005 S
 R 025 E NMPH
 SEC 0024
 NE/4 NW/4
 T 005 S
 R 025 E NMPH
 SEC 0026
 NE/4, E/2 NW/4, NW/4 SE/4

T 005 S
 R 025 E NMPH
 SEC 0021
 S/2 NW/4, NW/4 SW/4, SW/4 NE/4
 T 005 S
 R 025 E NMPH
 SEC 0023
 W/2 NE/4, E/2 NW/4
 T 005 S
 R 025 E NMPH
 SEC 0034
 NW/4 SE/4, N/2 SW/4
 T 005 S
 R 025 E NMPH
 SEC 0035
 NW/4 NW/4
 T 005 S
 R 025 E NMPH
 SEC 0026
 W/2 SW/4, SW/4 NW/4
 T 005 S
 R 025 E NMPH
 SEC 0033
 NW/4 NE/4, S/2 NE/4,
 SE/4 NW/4, NE/4 SE/4

NM-23980 MADLINE BURGE

PUBLIC LANDS EXPLORATION INC

05/05/79
 DESCRIPTION:

VOL 182 PAGE 502

T 005 S
 R 025 E NMPH
 SEC 0034
 NW/4 SE/4, N/2 SW/4
 T 005 S
 R 025 E NMPH
 SEC 0033
 NW/4 NE/4, S/2 NE/4,
 NE/4 SE/4, SE/4 NW/4

NM-23980 E N BENEDICT ET UX

PUBLIC LANDS EXPLORATION INC

05/04/79
 DESCRIPTION:

VOL 180 PAGE 615

T 005 S
 R 025 E
 SEC 0014
 E/2 NW/4, W/2 NE/4, SE/4 NE/4,
 N/2 SE/4, NE/4 SW/4

CERTIFICATION

All accompanying pages of documents on this file are of authorized documents
 in the possession of the agency as noted in the Statement of Document Certification on
 the accompanying pages. The documents are provided as a necessary operation to

EXHIBIT "A" PAGE 25
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23980 9 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

T 005 S
R 025 E
SEC 0021
S/2 NW/4, NW/4 SW/4, SW/4 NE/4
T 005 S
R 025 S
SEC 0023
N/2 NE/4, E/2 NW/4
T 005 S
R 025 E
SEC 0026
N/2 SW/4, SW/4 NW/4
T 005 S
R 025 E
SEC 0034
NW/4 SE/4, N/2 SW/4
T 005 S
R 025 E
SEC 0035
NW/4 NW/4
T 005 S
R 025 E
SEC 0033
NW/4 NE/4, S/2 NE/4,
NE/4 SE/4, SE/4 NW/4

06/08/79
DESCRIPTION:

VOL 181 PAGE 346
T 005 S
R 024 E
SEC 0017
S/2

06/11/79
DESCRIPTION:

VOL 182 PAGE 461
T 005 S
R 024 E NMPM
SEC 0017
S/2

05/17/79
DESCRIPTION:

VOL 181 PAGE 334
T 006 S
R 025 E NMPM
SEC 0030
N/2 NE/4, NE/4 NW/4
T 006 S
R 025 E NMPM
SEC 0019
SE/4, N/4 SW/4

06/01/79
DESCRIPTION:

VOL 181 PAGE 340
T 007 S
R 022 E NMPM
SEC 0001
S/2 S/2
T 007 S
R 022 E NMPM
SEC 0012
N/2 NE/4

NM-23987

K MARGUERITE HALEY ET AL

CARL A SCHELLINGER

NM-23985

FRED MCDERMOTT ET UX

CARL A SCHELLINGER

NM-23983

2 VELMA B CARRINGTON ET VIR

CARL A SCHELLINGER

NM-23983

SHELBY M BELL ET UX

CARL A SCHELLINGER

EXHIBIT "A" PAGE 26
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23987 0 (CONT'D)

NM-23988 CHASE KENT COMER ET AL

LESSOR

LEASE DATE

RECORDED
T 007 S
R 023 E NAPH
SEC 0007
LOTS 1, 2

NM-23989 TRUST DEPARTMENT FIRST
NATIONAL BANK, ROSWELL

PUBLIC LANDS EXPLORATION, INC. 04/10/79

DESCRIPTION:

VOL 180 PAGE 577
T 010 S
R 024 E NAPH
BERRENDO IRRIGATED FARMS
ALL OF BLOCKS 2, 3 & 4

NM-23989 4 TRUST DEPT FNB ROSWELL

PUBLIC LANDS EXPLORATION, INC. 04/10/79

DESCRIPTION:

VOL 180 PAGE 575
T 010 S
R 024 E

NM-23989 8 DORA L MCKNIGHT ET AL

PUBLIC LANDS EXPLORATION, INC. 04/27/79

DESCRIPTION:

VOL 180 PAGE 613
T 010 S
R 024 E

ALL OF BLOCK 1-4;
BERRENDO IRRIGATED FARMS
ALL OF BLOCK 1-4;
LOTS 1, 2, 3, 6-13 BLK 9;
LOTS 1-8, 10, 11, 17-19 BLK 10;
LOTS 1-9, SUBDIV B, C, D LOT 10
SUBDIV A, B, C, D LOT 15, LOTS 12
16, 17, SUBDIV C, D LOT 14 OF
BLK 11; BLK 12; LOT 1, A 29.32
AC LOT 2, LOT 15, 16, BLK 14
T 010 S
R 024 E
SEC
LOTS 9, 9, BLK 15, EXCEPT THAT
PORTION OF LOT 8 LYING BETWEEN
CSOME SEDILLO DITCH & BERRENDO
RIVER; LOTS 1-6, 11, 12, 14
BLK 16; LOT 5 BLK 19, BERRENDO
IRRIGATED FARMS SUBDIVISION

CERTIFICATION

All photographs, maps of documents on this file are of authorized documents
in the possession of this agency as noted in the Statement of Documents Certification on
the reverse of this page. These documents are hereby acknowledged as a necessary part of
the preparation of the final document file.

John A. L. Landon

10/18/79 J-175

EXHIBIT MAP PAGE 27
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
MM-23989 13 ELIZABETH A MALONE ET AL

LESSEE
PUBLIC LANDS EXPLORATION, INC.

LEASE DATE
04/16/79
DESCRIPTION:

MM-23989 10 ROWENA C TURNBULL

RALPH H HARP

05/15/79
DESCRIPTION:

MM-23989 24 ALLEN FARMS INC

MTS LIMITED PARTNERSHIP

03/03/82
DESCRIPTION:

MM-23989 26 J M BENEFIELD

MTS LIMITED PARTNERSHIP

03/02/82

RECORDED

VOL 180 PAGE 603

T 010 S
R 024 E NMPM

DERRENDO IRRIGATED FARMS
ALL BLOCK 1 WEST OF ATESF ROW
ALL BLOCKS 2, 3, 4, LOTS 1-3
6-13 BLK 9, LOTS 1-8, 10, 11
17-19 BLK 10, LOTS 1-9, SUB B
C&D LOT 10, LOT 12, SUB C&D
LOT 14, SUB A-D LOT 15, ALL
LOT 16 BLK 11; ALL BLK 12 WEST
OF ATESF ROW

VOL 180 PAGE 822

T 010 S
R 024 E NMPM

ALL OF BLKS 1-5, ALL BLK 6
EXCEPT N 467' OF W 467';
ALL BLK 7; LOTS 1-6, 8 OF
BLK 8; LOTS 1-3, 6-17, BLK 9;
LOTS 1-8, 10, 11, 17-19 BLK 10;
LOTS 1-9, SUBDIV B-D OF LOT 10
LOT 12, 16, 17, 15, SUBDIV C&D OF
LOT 14 BLK 11; ALL BLK 12; LOT
1, N 29.32 AC LOT 2, LOTS 15 &
18, BLK 14
T 010 S
R 024 E NMPM

LOT 8 EXCEPT PART LYING
BETWEEN COSME SEDILLY DITCH &
BERRENDO RIVER & LOT 9 IN BLK
15; LOTS 1-7, 10-14, 16, 17;
E/2 LOT 22, LOT 9 & 19 EXCEPT
E/20 ACS; LOT 8 EXCEPT SE 10
ACS ALL IN BLK 18; SUBDIV A &
B OF LOT 21, BLK 18; LOTS 1, 8,
36, 5, 13-20, 29-35 BLK 19.

VOL 221 PAGE 834

T 010 S
R 024 E

ALL 10 ACRE TRACT, BEING A PART
OF LOT 17, BLOCK 5, LOT 13,
BLOCK 4; LOT 1, BLOCK 8, LOT 4
BLOCK 9, ALL IN DERRENDO IRRIG-
ATED FARMS, MORE FULLY DES-
CRIBED IN LEASE

VOL 221 PAGE 928

CERTIFICATION

At the County Clerk's Office of Chaves County, New Mexico, on this 11th day of September, 1979, the following documents were filed for record and certification as to their contents and as to the identity of the parties thereto:

11-175

EXHIBIT 94A P. 62 24
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-23989 26 (CONT'D)

BOOK 67 PAGE 683

LESSOR

LEASE DATE

RECORDED

DESCRIPTION:

T 010 S
R 024 E

A 10 ACRE TRACT OUT OF A
PART OF LOT 17, BLK 5;
LOT 13, BLK 4; LOT 1, BLK 8;
LOT 4, BLK 9; ALL IN BERENDO
IRRIGATED FARMS; MORE FULLY
DESCRIBED IN LEASE

NM-23989 20 FIRST NATIONAL BANK OF
JEFFERSON

MIS LIMITED PARTNERSHIP

03/02/62

DESCRIPTION:

T 010 S
R 024 E

A 10 ACRE TRACT OUT OF PART
OF LOT 17, BLK 5; LOT 13,
BLK 4; LOT 1, BLK 8; LOT 4,
BLK 9; ALL IN BERENDO IRRIGATED
FARMS; MORE FULLY DESCRIBED
IN LEASE

NM-23989 30 THE STATE HIGHWAY DEPARTMENT
OF NEW MEXICO

MIS LIMITED PARTNERSHIP

03/05/62

DESCRIPTION:

T 010 S
R 024 E NMPN

PART OF LOT 17, BLK 5, BEING
A PART OF TRACTS 4-1-B, 4-1-A,
AND 4-6, MORE FULLY DESCRIBED
IN LEASE; PARTS OF LOTS 15 &
17, BEING PART OF TRACTS 5-3,
5-3-A & 6-A-1-A; MORE FULLY
DESCRIBED IN LEASE

NM-23989 31 FIRST NATIONAL BANK OF
ROSWELL - TRUST DEPT.

PUBLIC LANDS EXPLORATION, INC. 04/10/79

DESCRIPTION:

T 010 S
R 024 E

ALL OF BLOCK 5, 6, 7, ALL N/2
BLOCK 8 SAVE & EXCEPT LOT 7
LOCATED IN BERENDO IRRIGATED
FARMS; AS MORE FULLY DESCRIBED
IN LEASE

NM-23989 31 STANLEY H MATHEWS, INC.

PUBLIC LANDS EXPLORATION, INC. 04/11/75

DESCRIPTION:

VOL 180 PAGE 581
T 010 S
R 024 E NMPN

ALL BLOCK 5, 6, 7 & LOTS 1-6,
BLOCK 8, ALL IN BERENDO
IRRIGATED FARMS SUBDIVISION
LESS AND EXCEPT 16 SEPARATE
TRACTS, AS MORE FULLY DESCRIBED
IN LEASE

CERTIFICATION

ALL accompanying pages of documents on this file are of authorized documents
in the possession of this agency as noted in the Department of Records, Certification on
the documents of the State of New Mexico. These documents are hereby acknowledged as a necessary part of the
operation of the State of New Mexico.

10/15/79 8-175

EXHIBIT 244 PAGE 29
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23996	UNITED STATES OF AMERICA NM-28304	ALBERT C. ALBITUS	10/01/76	
			DESCRIPTION:	T 007 S R 025 E NMPM SEC 0001 LOTS 1, 2, 3, 4 T 007 S R 025 E NMPM SEC 0013 S/2 NE/4
NM-23997	MAYNE B FINLEY ET AL	CARL A SCHELLINGER	04/18/77	
			DESCRIPTION:	VOL 165 PAGE 907 T 007 S R 025 E NMPM SEC 0011 E/2 E/2
NM-23998	CLAUDE A MEADOWS ET UX	CARL A SCHELLINGER	03/26/77	
			DESCRIPTION:	VOL 164 PAGE 890 T 007 S R 025 E NMPM SEC 0013 N/2 N/2
NM-23999	J P WILLIAMS ET UX	CARL A SCHELLINGER	03/26/77	
			DESCRIPTION:	VOL 164 PAGE 892 T 007 S R 025 E NMPM SEC 0013 N/2 N/2
NM-23999	HAZEL R YOUNGGLADD ET VIR	CARL A SCHELLINGER	11/05/76	
			DESCRIPTION:	VOL 162 PAGE 206 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 N/2
NM-23999	J GLADYS M PAYNE	CARL A SCHELLINGER	11/05/76	
			DESCRIPTION:	VOL 162 PAGE 204 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 N/2
NM-23999	VERA M MCINNES	CARL A SCHELLINGER	11/05/76	
			DESCRIPTION:	VOL 162 PAGE 202 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 N/2

CERTIFICATION

On this day of January 1977, I, the undersigned, being a duly qualified and sworn officer of the County of Chaves, State of New Mexico, do hereby certify that the foregoing is a true and correct copy of the original record as the same appears in the public records of the County of Chaves, State of New Mexico.

19/18/87/77 1-175

EXHIBIT "A" PAGE 30
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-23999 9	GUY F CRANDALL ET UX	CARL A SCHELLINGER	11/05/76 DESCRIPTION:	VOL 162 PAGE 196 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 W/2
NM-23999 12	FERN M KELLY	CARL A SCHELLINGER	11/05/76 DESCRIPTION:	VOL 162 PAGE 200 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 W/2
NM-23999 15	RICHARD L CRANDALL ET UX	CARL A SCHELLINGER	11/05/76 DESCRIPTION:	VOL 162 PAGE 198 T 007 S R 025 E NMPM SEC 0001 SW/4 T 007 S R 025 E NMPM SEC 0012 W/2
NM-24000	UNITED STATES OF AMERICA NM-33964	CM STEPHEN M QUERO	09/01/74 DESCRIPTION:	T 009 S R 024 E NMPM SEC 0023 S/2 T 009 S R 024 E NMPM SEC 0024 S/2 N/2, S/2
NM-24003	FLOY COTTINGHAM	CARL A SCHELLINGER	10/31/79 DESCRIPTION:	VOL 186 PAGE 953 T 004 S R 026 E NMPM SEC 0025 S/2 NW/4, N/2 SW/4
NM-24004	BOBBY JOE JENNINGS ET AL	CARL A SCHELLINGER	06/11/79 DESCRIPTION:	VOL 182 PAGE 463 T 006 S R 025 E NMPM SEC 0031 LOTS 19, 20, 3, E/2 NW/4, NE/4 SW/4 T 009 S R 025 E NMPM SEC 0002 S/2 SE/4 SW/4

CERTIFICATION

All photostatic copies of documents on this file are of authorized documents in the possession of this agency as noted in the Statement of Documents. Certification on this document is made by the undersigned on the basis of the information furnished to the undersigned by the provider of the information.

Special Agent

10/15/77 8-175

EXHIBIT "A" PAGE 31
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER LESSOR
 NM-24004 0 (CONT'D)

LESSEE

LEASE DATE
 DESCRIPTION:

RECORDED

NM-24005	3	VELMA LOVETT	CARL A SCHELLINGER	10/22/79	DESCRIPTION:	T 009 S R 025 E NMPM SEC 0006 LOTS 3, 4, 5, SE/4 NW/4 T 009 S R 025 E NMPM SEC 0010 N/2 NE/4 SE/4 T 009 S R 025 E NMPM SEC 0014 S/2 SW/4 SE/4 T 009 S R 025 E NMPM SEC 0022 N/2 SW/4 SE/4
NM-24005	4	ARTIE MAE MOREY	CARL A SCHELLINGER	10/22/79	DESCRIPTION:	VOL 185 PAGE 69 T 005 S R 023 E NMPM SEC 0021 S/2
NM-24005	5	VERA VIRGINIA MAIKINS	CARL A SCHELLINGER	11/19/79	DESCRIPTION:	VOL 187 PAGE 35 T 005 S R 023 E NMPM SEC 0021 S/2
NM-24005	7	GRADY TUCKER ET UX	CARL A SCHELLINGER	03/19/80	DESCRIPTION:	VOL 190 PAGE 762 T 005 S R 023 E NMPM SEC 0021 S/2
NM-24005	8	MILDRED MILLS ET VIR	CARL A SCHELLINGER	03/25/80	DESCRIPTION:	VOL 191 PAGE 656 T 005 S R 023 E NMPM SEC 0021 S/2
NM-24005	9	RICHARD C TUCKER ET UX	CARL A SCHELLINGER	03/20/80	DESCRIPTION:	VOL 191 PAGE 656 T 005 S R 023 E NMPM SEC 0021 S/2

BOOK

EXHIBIT "A" PAGE 32
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSOR	LEASE DATE	RECORDED
NM-24005 10	ELVA BOWMAN	CARL A SCHELLINGER	03/25/60 DESCRIPTION:	VOL 193 PAGE 28 T 005 S R 023 E NMPM SEC 0021 S/2
NM-24008	STATE OF NEW MEXICO LC-7417-2	ANDY L NILSON	01/01/60 DESCRIPTION:	VOL 190 PAGE 209 T 007 S R 022 E SEC 0036 ALL
NM-24009	STATE OF NEW MEXICO LC-7418-3	ANDY L NILSON	01/01/60 DESCRIPTION:	VOL 190 PAGE 120 T 006 S R 022 E SEC 0002 LOTS 1(39.86), 2(39.88), 3(39.92), 4(39.94), 5/2 N/2, S/2
NM-24010	FRED B CORN & SONS INC	CARL A SCHELLINGER	11/26/79 DESCRIPTION:	VOL 197 PAGE 391 T 007 S R 021 E NMPM SEC 0027 SW/4, M/2 SE/4 T 007 S R 021 E NMPM SEC 0028 E/2 SE/4 T 006 S R 022 E NMPM SEC 0031 NE/4 T 009 S R 022 E NMPM SEC 0008 E/2
NM-24011	CHARLES H ROSS ET UX	CARL A SCHELLINGER	12/03/79 DESCRIPTION:	VOL 187 PAGE 450 T 007 S R 021 E NMPM SEC 0011 NE/4 SE/4 T 007 S R 021 E NMPM SEC 0012 SW/4, S/2 SE/4, NW/4 SE/4
NM-24012	RUDY C KENNEN	CARL A SCHELLINGER	11/26/79 DESCRIPTION:	VOL 187 PAGE 446 T 006 S R 022 E NMPM SEC 0022 SE/4 NE/4, E/2 SE/4

CERTIFICATION

As a representative of the State of New Mexico, I hereby certify that the above is a true and correct copy of the original record as the same appears in the records of the State of New Mexico, and that the same is a true and correct copy of the original record as the same appears in the records of the State of New Mexico.

Official Signature

10/18/87 8-175

EXHIBIT "A" PAGE 33
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24012 0 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

T 006 S
R 022 E NMPM
SEC 0023
SW/4 NW/4, W/2 SW/4
T 006 S
R 022 E NMPM
SEC 0026
NW/4 NW/4
T 006 S
R 022 E NMPM
SEC 0027
NE/4 NE/4

NM-24013 WILLIE VERA MONTGOMERY CARL A SCHELLINGER

11/30/79
DESCRIPTION:

VOL 187 PAGE 393
T 006 S
R 022 E NMPM
SEC 0006
LOTS 1, 2, S/2 SE/4,
SE/4 SW/4
T 006 S
R 022 E NMPM
SEC 0007
N/2 NE/4, NE/4 NW/4

NM-24016 MELBA SNOW THOMPSON ET VIR CARL A SCHELLINGER

12/18/79
DESCRIPTION:

VOL 187 PAGE 1024
T 006 S
R 023 E NMPM
SEC 0010
S/2

NM-24017 MARTHA E ABBOTT CARL A SCHELLINGER

12/07/79
DESCRIPTION:

VOL 187 PAGE 1020
T 010 S
R 023 E NMPM
SEC 0007
LOTS 3, 4, E/2 SW/4
T 010 S
R 023 E NMPM
SEC 0018
LOTS 1, 2, E/2 NW/4

NM-24018 NATTIE M GRIFFITH CARL A SCHELLINGER

12/19/79
DESCRIPTION:

VOL 187 PAGE 1022
T 006 S
R 023 E NMPM
SEC 0012
E/2 NW/4, SW/4 NE/4, N/2 SE/4,
SW/4 SE/4, NE/4 SW/4,
NW/4 NW/4, EXCEPT THAT PART
OF NW/4 NW/4 LYING WEST OF
U.S. HIGHWAY 285

NM-24019 UNITED STATES OF AMERICA HOWELL SPEAR

03/01/80
DESCRIPTION:

T 007 S
R 022 E NMPM
SEC 0033
ALL

EXHIBIT "A" PAGE 34
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24019 0 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

BOOK 67 PAGE 689

NM-24021

UNITED STATES OF AMERICA
NM-36733

MOORELL SPEAR

12/01/60

DESCRIPTION:

VOL 201 PAGE 990

NM-24024

UNITED STATES OF AMERICA
NM-40030

LOUIS C WALKER

05/01/79

DESCRIPTION:

T 005 S
R 025 E NMPM
SEC 0008
E/2 W/2
SE/4
T 005 S
R 025 E NMPM
SEC 0017
W/2

NM-24025

UNITED STATES OF AMERICA
NM-40029

DENNIS W LAWRENCE

08/01/78

DESCRIPTION:

T 005 S
R 025 E NMPM
SEC 0004
LOT 2, S/2 NE/4, NE/4 SE/4
T 005 S
R 025 E NMPM
SEC 0015
SE/4 NW/4, E/2 SW/4, SE/4,
SW/4 SW/4
T 005 S
R 025 E NMPM
SEC 0022
ALL

EXHIBIT "A" PAGE 35
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24025 0 (CUNT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED

NM-24026 TULA S BROWN

CARL A SCHELLINGER

02/04/80
DESCRIPTION:

VOL 190 PAGE 527

T 006 S
R 022 E NMPH
SEC 0011
SE/4
T 006 S
R 022 E NMPH
SEC 0012
SW/4

NM-24027 JAMES P EMART ET AL

CARL A SCHELLINGER

02/25/80
DESCRIPTION:

VOL 190 PAGE 760
T 004 S
R 024 E
SEC 0014
W/2 NW/4
T 004 S
R 024 E
SEC 0020
NW/4 SE/4
T 004 S
R 024 E
SEC 0029
NE/4 NW/4, NE/4 SE/4
T 005 S
R 024 E
SEC 0005
LOTS 3, 4, S/2 NW/4
T 005 S
R 024 E
SEC 0009
S/2 NE/4

NM-24028 UNITED STATES OF AMERICA

OLIN GURNHAM

02/01/80
DESCRIPTION:

T 008 S
R 025 E NMPH
SEC 0012
S/2 NW/4, W/2 SW/4

CERTIFICATION

ALL documents on file are of authorized documents in the possession of this agency as noted in the Statement of Documents Certification on file at this agency. These documents are routinely a microfilm as a necessary procedure in the preservation of the original documents file.

John L. Stinson

10/15/87 8-175

EXHIBIT "A" PAGE 36
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24028 0 (CONT'D)

LESSEE

LEASE DATE

RECORDED

67

BOOK

NM-24029

MYRTLE J SCOTT

CARL A SCHELLINGER

03/25/60
DESCRIPTION:

VOL 191 PAGE 660
T 007 S
R 021 E
SEC 0029
S/2

NM-24036

P C KLINGSNITH ET UX

CARL A SCHELLINGER

06/03/60
DESCRIPTION:

VOL 194 PAGE 185
T 010 S
R 024 E
SEC 0024
S/2 NM/4

NM-24037

STATE OF NEW MEXICO
LG-8503-2

JOE R SCHULTZ

08/01/60
DESCRIPTION:

VOL 201 PAGE 186
T 007 S
R 022 E
SEC 0025
N/2 NM/4

NM-24038

CLAUDE O WILLARD ET UX

CARL A SCHELLINGER

07/26/60
DESCRIPTION:

VOL 195 PAGE 170
T 003 S
R 020 E NM/4
SEC 0013
S/2 NM/4, SW/4 NE/4

NM-24039

AFTON E BAILEY ET UX

CARL A SCHELLINGER

07/22/60
DESCRIPTION:

VOL 195 PAGE 95
T 006 S
R 024 E NM/4
SEC 0025
S/2 SE/4

NM-24039

1 LELA MAURINE CANNEDY

CARL A SCHELLINGER

07/22/60
DESCRIPTION:

VOL 195 PAGE 97
T 008 S
R 024 E NM/4
SEC 0025
S/2 SE/4

NM-24060

GEORGIA-PACIFIC CORPORATION

EXCHANGE OIL & GAS CORPORATION

10/01/79
DESCRIPTION:

VOL 185 PAGE 95
T 008 S
R 026 E NM/4
SEC 0020
S/2 S/2
T 008 S
R 026 E NM/4
SEC 0029
ALL
T 008 S
R 026 E NM/4
SEC 0030
SE/4, E/2 SW/4, SW/4 SW/4,
NE/4

CERTIFICATION

All photographs, legends of documents on this file are of authorized documents
in the possession of this agency as used in the Statement of Documents. Certification on
this document is hereby acknowledged as a necessary procedure in
the filing of this document. These documents are hereby acknowledged as a necessary procedure in

EXHIBIT MAP PAGE 37
COUNTY: CHAVES
STATE: NEW MEXICO

67 PAGE 692

LEASE NUMBER LESSOR
NM-24054 I L MORSE ET UX

LESSEE
CARL A SCHELLINGER

LEASE UNIT
11/20/80
DESCRIPTION:

RECORDED
VOL 199 PAGE 745
T 005 S
R 022 E NMPM
SEC 0030
E/2

NM-24072

CLOUSE THOMAS STEPHENS ET UX

F ANDREW GROOMS

12/03/80
DESCRIPTION:

VOL 199 PAGE 740
T 007 S
R 026 E NMPM
SEC 0008
SE/4 NW/4
T 007 S
R 026 E NMPM
SEC 0017
NE/4 NW/4

NM-24073

LAKE J FRAZIER ET UX

F ANDREW GROOMS

12/19/80
DESCRIPTION:

VOL 200 PAGE 82
T 007 S
R 026 E NMPM
SEC 0005
SM/4 NW/4
T 007 S
R 026 E NMPM
SEC 0017
W/2 NW/4

NM-24073

I JOHN P CUSACK ET UX

F ANDREW GROOMS

12/19/80
DESCRIPTION:

VOL 200 PAGE 80
T 007 S
R 026 E NMPM
SEC 0005
SM/4 NW/4
T 007 S
R 026 E NMPM
SEC 0008
NE/4 NW/4 SW/4 NW/4
T 007 S
R 026 E NMPM
SEC 0017
W/2 NW/4

NM-24073

2 WILLIAM J SCHNEIDER ET UX

F ANDREW GROOMS

12/19/80
DESCRIPTION:

VOL 200 PAGE 331
T 007 S
R 026 E NMPM
SEC 0005
SM/4 NW/4
T 007 S
R 026 E NMPM
SEC 0008
NE/4 NW/4 SW/4 NW/4
SM/4 NW/4

CERTIFICATION

All microphotographic images of documents on this film are of authorized documents
in the possession of the agency as noted in the Statement of Documents. Certification on
this film is not required. These documents are routinely microfilmed as a necessary part of the
operation of the land office.

10/18/80

10/18/80

10/18/80

BOOK

EXHIBIT "A" PAGE 38
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER LESSOR

NM-24073 2 (CONT'D)

LESSOR

LEASE DATE

RECORDED

DESCRIPTION:

T 007 S
 R 026 E NMPM
 SEC 0017
 W/2 NW/4

12/17/40
 DESCRIPTION:

VOL 199 PAGE 460
 T 007 S
 R 026 E NMPM
 SEC 0005
 SW/4 NW/4
 T 007 S
 R 026 E NMPM
 SEC 0008
 NE/4 NW/4, SW/4 NW/4,
 NW/4 SW/4
 T 007 S
 R 026 E NMPM
 SEC 0017
 W/2 NW/4

12/31/60
 DESCRIPTION:

VOL 200 PAGE 84
 T 007 S
 R 026 E NMPM
 SEC 0008
 NE/4 NW/4, SW/4 NW/4,
 NW/4 SW/4
 T 007 S
 R 026 E NMPM
 SEC 0017
 W/2 NW/4

12/14/60
 DESCRIPTION:

VOL 199 PAGE 742
 T 007 S
 R 026 E NMPM
 SEC 0008
 NE/4 NW/4, SW/4 NW/4,
 NW/4 SW/4
 T 007 S
 R 026 E NMPM
 SEC 0017
 W/2 NW/4

12/19/40
 DESCRIPTION:

VOL 199 PAGE 734
 T 007 S
 R 026 E NMPM
 SEC 0008
 NE/4 NW/4, SW/4 NW/4,
 NW/4 SW/4
 T 007 S
 R 026 E NMPM
 SEC 0017
 W/2 NW/4

NM-24073 6 RICHARD C BEAN ET UX

F ANDREW CROOKS

NM-24073 5 GLENN C STIFF ET UX

F ANDREW CROOKS

NM-24073 4 KENNETH M MOORE ET UX

F ANDREW CROOKS

EXHIBIT 7A PAGE 39
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24073 7 ANITA FIELD

LESSEE
F ANDREW GROOMS

LEASE DATE
12/23/80
DESCRIPTION:

RECORDED

VOL 199 PAGE 458
T 007 S
R 026 E NM/4
SEC 0008
NM/4 NM/4, SW/4 NM/4,
NM/4 SW/4
T 007 S
R 026 E NM/4
SEC 0017
NM/4 NM/4

NM-24073 8 LOUIS H PRAGER ET UX

F ANDREW GROOMS

01/03/81
DESCRIPTION:

VOL 199 PAGE 797
T 007 S
R 026 E NM/4
SEC 0008
NM/4 NM/4, SW/4 NM/4,
NM/4 SW/4
T 007 S
R 026 E NM/4
SEC 0017
NM/4 NM/4

NM-24073 9 AUELIN STOKES SCHAUER

F ANDREW GROOMS

01/05/81
DESCRIPTION:

VOL 200 PAGE 86
T 007 S
R 026 E NM/4
SEC 0008
NM/4 NM/4, SW/4 NM/4,
NM/4 SW/4
T 007 S
R 026 E NM/4
SEC 0017
NM/4 NM/4

NM-24073 10 C L WHITE ET UX

F ANDREW GROOMS

11/05/80
DESCRIPTION:

VOL 197 PAGE 773
T 007 S
R 026 E NM/4
SEC 0008
NM/4 SW/4, SW/4 NM/4,
NM/4 NM/4
T 007 S
R 026 E NM/4
SEC 0017
NM/4 NM/4

NM-24073 11 CARRIE LEE MAGNER

F ANDREW GROOMS

12/17/80
DESCRIPTION:

VOL 200 PAGE 907
T 007 S
R 026 E NM/4
SEC 0005
SW/4 NM/4

NM-24073 12 ISABEL J SMITH

F ANDREW GROOMS

01/14/81
DESCRIPTION:

VOL 201 PAGE 247
T 007 S
R 026 E
SEC 0005
SW/4 NM/4

635

EXHIBIT 1A PAGE 40
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24073 12 (CONT'D)

BOOK 67 PAGE 40

LESSOR

LEASE DATE

RECORDED

DESCRIPTION:

T 007 S
R 026 E
SEC 0004
NE/4 NW/4, SW/4 NW/4,
NW/4 SW/4
T 007 S
R 026 E
SEC 0017
W/2 NW/4

NM-24073 13 ELMER E EDGINGTON ET UX

MIS LIMITED PARTNERSHIP

07/14/92
DESCRIPTION:

UOL 229 PAGE 332
T 007 S
R 026 E NMPH
SEC 0006
THAT PART OF THE NE/4 NW/4,
LYING EAST OF THE PECOS RIVER

NM-24074 LAURA O LODWICK ET AL

F ANDREW GROOMS

11/06/00
DESCRIPTION:

UOL 197 PAGE 771
T 007 S
R 026 E NMPH
SEC 0019
E/2 SE/4, SE/4 NE/4
T 007 S
R 026 E NMPH
SEC 0020
W/2 SW/4, NE/4 SW/4, S/2 NW/4,
ALL THAT PART OF S/2 NE/4,
SW/4 SE/4, SE/4 SW/4, LYING
WEST OF CENTER LINE OF PECOS
RIVER; ALL THAT PART OF S/2
NE/4, SW/4 SE/4, LYING EAST
OF CENTER LINE OF PECOS RIVER
T 007 S
R 026 E NMPH
SEC 0029
N/2 NE/4, SW/4 NE/4, SE/4 NW/4
E/2 SW/4, SW/4 SW/4, LYING
WEST OF CENTER LINE OF PECOS
RIVER; N/2 NE/4, SW/4 NE/4,
E/2 SW/4, SW/4 SW/4, LYING
EAST OF CENTER LINE OF PECOS
RIVER
T 007 S
R 026 E NMPH
SEC 0030
S/2 SE/4, LYING WEST OF CENTER
LINE OF PECOS RIVER
UOL 198 PAGE 47

CERTIFICATION

As a Photographic Image of documents on file in any one of authorized agencies
in the possession of this agency as noted in the Abstract of Documents Certification and
in the abstract, these documents are hereby certified as a true and correct reproduction in
all respects of the original documents.

John A. Stinson 10/18/97 J-175
Date of Certification

EXHIBIT "A" PAGE 41
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24074 3 (CONT'D)

LESSOR

LESSOR

LEASE DATE

RECORDED

NM-24074 6 ROBERT L NOBLE TUST

ANDREW GREEN

10/07/00

DESCRIPTION:

T 007 S
R 026 E NMPH
SEC 0020
M/2 SW/4 NE/4 SW/4 S/2 NW/4;
ALL THAT PART OF S/2 NE/4
SW/4 SE/4 SE/4 SW/4 LYING
WEST OF CENTER LINE OF PECOS
RIVER; ALL THAT PART OF
S/2 NE/4 SW/4 SE/4 LYING EAST
OF CENTER LINE OF PECOS RIVER
T 007 S
R 026 E NMPH
SEC 0024
M/2 NE/4 SW/4 NE/4 SE/4 NW/4
E/2 SW/4 SW/4 SW/4 LYING WEST
OF CENTER LINE OF PECOS RIVER;
M/2 NE/4 SW/4 NE/4 E/2 SW/4
SW/4 SW/4 LYING EAST OF CENTER
LINE OF PECOS RIVER
T 007 S
R 026 E NMPH
SEC 0030
S/2 SE/4 LYING WEST OF CENTER
LINE OF PECOS RIVER
T 007 S
R 026 E NMPH
SEC 0031
NE/4 S/2 NW/4 LYING WEST OF
CENTER LINE OF PECOS RIVER;
ALL THAT PART OF NE/4 LYING
EAST OF CENTER LINE OF PECOS
RIVER
T 007 S
R 026 E NMPH
SEC 0019
F/2 SE/4 SE/4 NE/4
VOL 196 PAGE 113
T 007 S
R 026 E NMPH
SEC 0020
S/2 NE/4 SW/4 SE/4
SE/4 SW/4 LYING WEST OF
CENTER LINE OF PECOS RIVER;
S/2 NE/4 SW/4 SE/4 LYING EAST
OF CENTER LINE OF PECOS RIVER
T 007 S
R 026 E NMPH
SEC 0029
M/2 NE/4 SW/4 NE/4 SE/4 NW/4
E/2 SW/4 SW/4 LYING WEST
OF CENTER LINE OF PECOS RIVER;
M/2 NE/4 SW/4 NE/4 E/2 SW/4
SW/4 SW/4 LYING EAST OF CENTER
LINE OF PECOS RIVER

EXHIBIT "A" PAGE 42
COUNTY: CHAVES
STATE: N.M. MEXICO

LEASE NUMBER LESSOR
NM-24074 6 (CONT'D)

LESSEE

LEASE DATE

RECORDED

DESCRIPTION:

T 007 S
R 026 E NMPM
SEC 0030
S/2 SE/4 LYING WEST OF CENTER
LINE OF PECOS RIVER
T 007 S
R 026 E NMPM
SEC 0031
NE/4 E/2 NW/4 LYING WEST OF
CENTER LINE OF PECOS RIVER;
NE/4 LYING EAST OF CENTER LINE
OF PECOS RIVER

DESCRIPTION:

VOL 201 PAGE 100
T 007 S
R 026 E NMPM
SEC 0020
S/2 NE/4 SW/4 SE/4 OF CENTER
LINE OF PECOS RIVER; S/2 NE/4
SW/4 SE/4 LYING EAST OF CENTER
LINE OF PECOS RIVER
T 007 S
R 026 E NMPM
SEC 0029
N/2 NE/4 SW/4 NE/4 SW/4
SE/4 NW/4 E/2 SW/4
LYING WEST OF CENTER LINE OF
PECOS RIVER; N/2 NE/4
SW/4 E/2 SE/4 SW/4
LYING EAST OF CENTER LINE OF
PECOS RIVER.
T 007 S
R 026 E NMPM
SEC 0030
S/2 SE/4 LYING WEST OF CENTER
LINE OF PECOS RIVER
T 007 S
R 026 E NMPM
SEC 0031
NE/4 E/2 NW/4 LYING WEST OF
CENTER LINE OF PECOS RIVER;
NE/4 LYING EAST OF CENTER LINE
OF PECOS RIVER.

NM-24074 8 GEORGE H BARNETT ET AL

F ANDREW GROOMS

DESCRIPTION:

VOL 219 PAGE 042
T 007 S
R 026 E NMPM
SEC 0020
S/2 NW/4 N/2 SW/4 SW/4
T 007 S
R 026 E NMPM
SEC 0019
SE/4 NE/4 E/2 SE/4

CERTIFICATION

AS MICROPHOTODUPLICATIONS of documents or other records are of authorized documents
of the State of New Mexico, the State of New Mexico is hereby certified that the
above described documents are true and correct copies of the original documents on

EXHIBIT MAP PAGE 43
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-24075	CALVIN RAYMOND	F ANDREW GROOMS	10/17/80 DESCRIPTION:	VOL 197 PAGE 98 T 007 S R 026 E NMPM SEC 0008 SE/4 SW/4
NM-24076	ELMER E EDGINGTON ET UX	F ANDREW GROOMS	10/28/80 DESCRIPTION:	VOL 197 PAGE 769 T 007 S R 026 E NMPM SEC 0010 NM/4 NE/4, N/2 NW/4
NM-24077	MARY RUTH MCCROBY	F ANDREW GROOMS	11/14/80 DESCRIPTION:	VOL 198 PAGE 431 T 007 S R 026 E NMPM SEC 0005 SE/4 NW/4
NM-24077	I M T REED	F ANDREW GROOMS	11/14/80 DESCRIPTION:	VOL 198 PAGE 425 T 007 S R 026 E NMPM SEC 0005 SE/4 NW/4
NM-24078	STATE OF NEW MEXICO LC-9568-2	JOE B SCHUTZ	04/01/81 DESCRIPTION:	VOL 207 PAGE 742 T 009 S R 026 E SEC 0036 ALL
NM-24079	STATE OF NEW MEXICO LC-9568-2	JOE B SCHUTZ	04/01/81 DESCRIPTION:	VOL 207 PAGE 745 T 005 S R 021 E SEC 0002 LOTS 1(39.92), 2(39.97), 3(40.02), 4(40.07), 5/2 N/2, S/2 T 005 S R 021 E SEC 0016 ALL
NM-24080	STATE OF NEW MEXICO LC-9568-2	JOE B SCHUTZ	04/01/81 DESCRIPTION:	VOL 207 PAGE 748 T 005 S R 021 E SEC 0019 LOTS 2(38.97), 3(39.04), 4(39.12), 5/2 NE/4, SE/4 NW/4, E/2 SW/4, SE/4 T 005 S R 021 E SEC 0020 E/2 NE/4, S/2

Don't Shuman
10/15/80
175

ALL photostatic copies of documents on this page are of authorized documents
to the extent of this agency as noted in the Statement of Documents Certification on
the last page. These documents are provided as a necessary operation in
the operation of the land records system.

CERTIFICATION

EXHIBIT "A" PAGE 44
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-24081	STATE OF NEW MEXICO LG-9570-2	JOE B SCHUTZ	04/01/81	VOL 207 PAGE 751
			DESCRIPTION:	T 005 S R 021 E SEC 0021 NW/4 NE/4, S/2 NE/4, NW/4, W/2 SW/4, SE/4 T 005 S R 021 E SEC 0028 SW/4 NE/4 T 005 S R 021 E SEC 0029 ALL
NM-24082	STATE OF NEW MEXICO LG-9571-2	JOE B SCHUTZ	04/01/81	VOL 207 PAGE 754
			DESCRIPTION:	T 005 S R 021 E SEC 0030 LOTS 1(39.26), 2(39.38), 3(39.50), NE/4, E/2 W/2, SE/4 T 005 S R 021 E SEC 0031 LOTS 1(39.75), 2(39.82), 3(39.89), 4(39.97), NE/4, E/2 W/2, SE/4
NM-24083	STATE OF NEW MEXICO LG-9572-2	JOE B SCHUTZ	04/01/81	VOL 207 PAGE 757
			DESCRIPTION:	T 005 S R 021 E SEC 0032 ALL T 005 S R 021 E SEC 0034 NW/4 NE/4
NM-24084	STATE OF NEW MEXICO LG-9573-2	JOE B SCHUTZ	04/01/81	VOL 207 PAGE 760
			DESCRIPTION:	T 005 S R 021 E SEC 0036 ALL
NM-24085	STATE OF NEW MEXICO LG-9574-2	JOE B SCHUTZ	04/01/81	VOL 207 PAGE 763
			DESCRIPTION:	T 006 S R 022 E SEC 0002 LOTS 1(26.00), 2(26.21), 3(26.42), 4(26.63), S/2 S/2

CERTIFICATION

By electronic means, the sign of documents on this file along with the original documents in the possession of this agency is noted in the Statement of Documents Certification on file at this agency. These documents are hereby acknowledged as a necessary operation in the execution of the land grant document file.

10/15/87 10:175

EXHIBIT "A" PAGE 45
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER LESSOR
 NM-24065 0 (CONT'D)

LESSEE:

LEASE DATE

RECORDED

DESCRIPTION:

1 006 S
 R 022 E
 SEC 0027
 SW/4 NE/4
 T 006 S
 R 022 E
 SEC 0029
 NW/4 NE/4
 T 006 S
 R 022 E
 SEC 0016
 ALL
 T 006 S
 R 022 E
 SEC 0017
 SE/4 SE/4
 T 006 S
 R 022 E
 SEC 0022
 SW/4 SW/4

NM-24104

JOE C KRAMZ ET UX

F ANDREW GROOMS

02/06/81
 DESCRIPTION:

VOL 201 PAGE 1021
 T 007 S
 R 026 E
 SEC 0005
 NW/4 NW/4

NM-24105

THE BLA CO COMPANY

F ANTHONY GROOMS

02/17/81
 DESCRIPTION:

VOL 201 PAGE 1019
 T 007 S
 R 025 E N4PM
 SEC 0012
 E/2

NM-24120

UNITED STATES OF AMERICA
 NM-16324

JOAN CHURNEY

08/01/72

DESCRIPTION:

VOL 211 PAGE 970
 T 007 S
 R 026 E
 SEC 0017
 SE/4 NW/4, SW/4
 T 007 S
 R 026 E
 SEC 0029
 N/2 NW/4, SW/4 NW/4
 T 007 S
 R 026 E
 SEC 0030
 LOTS 1-4, NE/4, E/2 W/2

NM-24126

UNITED STATES OF AMERICA
 NM-19825

ORLAND K UNRUH

01/01/74

DESCRIPTION:

VOL 146 PAGE 402
 T 005 S
 R 024 E N4PM
 SEC 0011
 S/2
 T 005 S
 R 024 E N4PM
 SEC 0014
 E/2

CERTIFICATION

All statements made in this filing are of authorized documents
 in the possession of this agency as noted in the Statement of Accuracy on
 the front of this agency. These documents are routinely recorded as a necessary operation in
 the performance of the land title document file.

Dated this 10/15/87

10/15/87 4-175

LEASE NUMBER LESSOR

NM-24129 UNITED STATES OF AMERICA

LESSOR KEITH UNRUH

LEASE DATE

12/01/72

RECORDED

VOL 140 PAGE 1053

DESCRIPTION:

T 005 S
R 024 E NMPH
SEC 0030
NE/4

NM-24130

CESSERT PROPERTIES INC

THOMAS M WAGGE

08/14/81
DESCRIPTION:

VOL 216 PAGE 5
T 004 S
R 025 E NMPH
SEC 0026
E/2 NE/4 NE/4
T 009 S
R 025 E NMPH
SEC 0002
E/2 NW/4
T 009 S
R 025 E NMPH
SEC 0011
N/2 NW/4 SE/4

NM-24132

UNITED STATES OF AMERICA

JAMES G TENNANT

08/01/81

DESCRIPTION:

VOL 227 PAGE 306
T 010 S
R 023 E NMPH
SEC 0015
NW/4 NE/4
T 010 S
R 023 E NMPH
SEC 0021
NW/4 NW/4
T 011 S
R 023 E NMPH
SEC 0005
NW/4 SW/4
T 010 S
R 023 E NMPH
SEC 0008
SW/4 NW/4

NM-24140

GLADYS M PAYNE ET AL

WM. D. BARNHILL

10/09/80
DESCRIPTION:

VOL 196 PAGE 880
T 007 S
R 026 E NMPH
SEC 0006
NE/4, S/2 NW/4

NM-24141

TENNECO OIL COMPANY

MIS LIMITED PARTNERSHIP

04/31/82
DESCRIPTION:

VOL 240 PAGE 317
T 007 S
R 026 E
SEC 0005
NE/4 NW/4 FROM BASE OF THE
SAN ANDRES FORMATION TO A
DEPTH OF 4300' SUBSURFACE AS
FOUND IN THE NEAL COR #1 WELL
LOCATED 1650' PML & 1980' PML
OF SAID SECTION

CERTIFICATION

As a representative of the Bureau of Land Management, I hereby certify that the foregoing is a true and correct copy of the original record as the same appears in the records of the Bureau of Land Management, and that the same has been compared with the original record and found to be correct.

10/12/82

10/12/82 8-175

EXHIBIT "A" PAGE 47
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-24142	UNITED STATES OF AMERICA NM-16763	JOHN M BEARD	10/01/72	T 005 S R 025 E SEC 0004 NW/4 SE/4
NM-24143	WILLIAM D MCKNIGHT ET AL	FRED POOL JR.	06/15/40	VOL 196 PAGE 507 T 007 S R 023 E NMPM SEC 0007 E/2 NW/4 T 007 S R 023 E NMPM SEC 0006 LOTS 6, 7, SE/4 SW/4 T 007 S R 022 E NMPM SEC 0001 LOT 1, SE/4 NE/4
NM-24150	GEORGE B READMAN ET UX	CARL A SCHELLINGER	04/08/80	VOL 192 PAGE 350 T 004 S R 025 E NMPM SEC 0023 E/2 SE/4
NM-24161	UNITED STATES OF AMERICA NM-36710-A	HOWELL SPEAR	03/01/80	T 007 S R 022 E SEC 0020 ALL
NM-24164	RUTH H CORN ET AL	FRED POOL JR	10/19/79	VOL 187 PAGE 434 T 006 S R 024 E SEC 0025 SW/4 NE/4
NM-24168	RICHARD A BLACKMAR ET AL	MIS LIMITED PARTNERSHIP	06/28/85	VOL 284 PAGE 4 T 006 S R 023 E SEC 0012 SW/4 NW/4, W/2 SW/4, SE/4 SW/4 T 006 S R 023 E SEC 0013 N/2 W/2
NM-24168	CARL A SCHELLINGER ET UX	MIS LIMITED PARTNERSHIP	06/28/85	VOL 284 PAGE 10 T 006 S R 023 E NMPM SEC 0012 SW/4 NW/4, W/2 SW/4, SE/4 SW/4

CERTIFICATION

All correspondence, including all documents on this file, and any other information received by the agency, shall be made available to the State of New Mexico, Department of Public Safety, Bureau of Motor Vehicle Registration, for its use in the administration of the Motor Vehicle Laws.

10/15/87 8-175

LEASE NUMBER	LESSOR
MM-24168 1 (CONT'D)	

7550

LEASE DATE

RECORDED

MM-24169 RICHARD A BLACKMAN ET AL

MTS LIMIT ' PARTNERSHIP

06/24/45
DESCRIPTION:

VDL 284 PAGE 6
T 006 5

MM-24169 1 CARL A SCHELLINGER ET UX

MTS LIMITED PARTNERSHIP

06/28/85
DESCRIPTION:

VOL 284 PAGE 8
T 006 5

MM-24170 E TRUMAN PIERCE

MLSA PETROLEUM CO

11/11/85
DESCRIPTION:

UOL 290 PAGE 443
T 006 5

MM-24170 1 BETTY JEAN MOATS

MEGA PETROLEUM CO

11/11/65
DESCRIPTION:

VOL 290 PAGE 441
T 006 5

PROSPECT: RAILROAD MOUNTAIN
STATE OF NEW MEXICO
NM-09125
LC-7984-1

FINANCIAL PRODUCTION CORPORATION 03/01/60

DESCRIPTION:

STATE
FILE LG-7984-1
T 008 S
R 027 E
SEC 0023
S/2 NW/4, S/2

CERTIFICATION

All telephonic calls to the T&E office are of national security interest. The T&E office is the primary point of contact for the protection of this agency as well as the National Security Council on the part of this agency. These concerns are routinely handled as a security matter by the T&E office.

Admission 10/12/57 p-176

EXHIBIT "A" PAGE 49
 COUNTY: CHAVES
 STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
MM-09126	STATE OF NEW MEXICO LG-7985-1	PIONEER PRODUCTION CORPORATION	03/01/80	STATE FILE LG-7985-1 T 008 S R 027 E SEC 0024 SE/4
MM-09127	STATE OF NEW MEXICO LG-7986-1	PIONEER PRODUCTION CORPORATION	03/01/80	STATE FILE LG-7986-1 T 008 S R 027 E SEC 0026 NE/4, S/2
MM-09128	STATE OF NEW MEXICO LG-7988-1	PIONEER PRODUCTION CORPORATION	03/01/80	STATE FILE LG-7988-1 T 008 S R 027 E SEC 0036 NW/4 NE/4, SE/4 NE/4, NW/4, SE/4, NW/4, SE/4, SE/4
MM-09129	STATE OF NEW MEXICO LG-7990-1	PIONEER PRODUCTION CORPORATION	03/01/80	STATE FILE LG-7990-1 T 009 S R 027 E SEC 0013 N/2 N/2 T 009 S R 027 E SEC 0014 N/2 N/2
MM-09130	STATE OF NEW MEXICO LG-7991-1	PIONEER PRODUCTION CORPORATION	03/01/80	STATE FILE LG-7991-1 T 009 S R 027 E SEC 0015 ALL
PROSPECT: WEST PECUS SLOPE MM-24194 E TRUMAN PIERCE ET UX		CARL A SCHELLINGER	06/13/80 DESCRIPTION:	VOL 195 PAGE 27 T 005 S R 019 E SEC 0001 SW/4 NW/4, W/2 SW/4, SE/4 SW/4 T 005 S R 019 E N/2 SEC 0012 N/2 N/2 T 005 S R 020 E N/2 SEC 0003 LOT 4

CERTIFICATION

All documents, in the form of documents, and the same, are intended to be used in the production of this report as shown in the State of New Mexico. Certification on

EXHIBIT "A" PAGE 50
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-24196 0 (CONT'D)

LESSEE

LEASE DATE

RECORDED

NM-24196 1 TOM DUNLAP ET UX

CARL A SCHELLINGER

10/20/80
DESCRIPTION:

VOL 199 PAGE 608
T 002 S
R 019 E NMPM
SEC 0001
LOTS 1, 2, S/2 NE/4, SE/4
T 002 S
R 019 E NMPM
SEC 0012
E/2
T 002 S
R 019 E NMPM
SEC 0026
S/2
T 002 S
R 019 E NMPM
SEC 0035
W/2
T 003 S
R 019 E NMPM
SEC 0003
LOT 4
T 003 S
R 020 E NMPM
SEC 0003
LOTS 1, 2, S/2 NE/4, SE/4

NM-24197 CLAUDE U WILLARD ET UX

CARL A SCHELLINGER

07/26/80
DESCRIPTION:

VOL 195 PAGE 170
T 003 S
R 020 E NMPM
SEC 0014
S/2 NE/4, N/2 SE/4, SE/4 NW/4

NM-24247 STATE OF NEW MEXICO
LM-0070-1

JOE B SCHUTZ

07/01/81
DESCRIPTION:

VOL 216 PAGE 237
T 004 S
R 020 E
SEC 0010
ALL

CERTIFICATION

As a Microfilm, it is a copy of documents on this film strip are of authorized documents
in the possession of this agency as noted in the Statement of Documents Certification on
the 1st page of this document. These documents are hereby acknowledged as a necessary condition to
the execution of the document described on this page.

EXHIBIT "A" PAGE 51
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR

NM-24247 0 (CONT'D)

LESSOR

LEASE DATE

RECORDED

NM-24248

STATE OF NEW MEXICO
LM-0072-1

JOL. H. SCHUTZ

07/01/61

DESCRIPTION:

T 004 S
R 020 E
S/C 0011
ALL
VOL 218 PAGE 240

NM-24290

STATE OF NEW MEXICO
LM-0065-2

CORNELL OIL COMPANY

07/01/61

DESCRIPTION:

T 004 S
R 020 E
SEC 0002
LOTS 1(40.41), 2(40.35),
3(40.29), 4(40.23), 5/2 N/2,
S/2
T 004 S
R 020 E
SEC 0003
LOTS 1(40.27), 2(40.42),
3(40.57), 4(40.72), 5/2 N/2,
S/2
VOL 212 PAGE 505

NM-24291

STATE OF NEW MEXICO
LM-0067-2

CORNELL OIL COMPANY

07/01/61

DESCRIPTION:

T 004 S
R 020 E
SEC 0006
LOTS 1(40.79), 2(40.59),
3(40.39), 4(40.19), 5(19.08),
6(19.19), 7(40.00), 8(40.00),
9(40.00), 10(40.00),
11(19.25), 12(19.31),
13(40.00), 14(40.00),
S/2 NE/4, SE/4

CERTIFICATION

This is a true and correct copy of the original document as the same appears in the records of the County Clerk of Chaves County, New Mexico, and is hereby certified to be a true and correct copy of the original document as the same appears in the records of the County Clerk of Chaves County, New Mexico.

10/15/61 8-175

Together with all of the right, title and interest of Mesa Operating Limited Partnership in any oil and gas leasehold interests covering lands that are located within the following areas in Chaves, De Baca, Guadalupe and Lincoln Counties, New Mexico, to-wit:

T4N to T6N inclusive, R21E to R26E inclusive;
T1N to T3N inclusive, R18E to R26E inclusive;
T1S to T11S inclusive, R18E to R27E inclusive.

excepting the interests of Mesa Operating Limited Partnership below 4200' from the surface in T5S, R24 and 25E, Chaves County, New Mexico.

[Handwritten signature]
G. H.

CERTIFICATION
The undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the original document on file in the office of the County Clerk of Chaves County, New Mexico, and that the same is a true and correct copy of the original document on file in the office of the County Clerk of De Baca County, New Mexico, and that the same is a true and correct copy of the original document on file in the office of the County Clerk of Guadalupe County, New Mexico, and that the same is a true and correct copy of the original document on file in the office of the County Clerk of Lincoln County, New Mexico.
10/18/07
J. H. 1-175

PAGE 1

EXHIBIT 'A'

ATTACHED TO AND MADE A PART OF THAT CERTAIN ASSIGNMENT DATED THE 20TH DAY OF OCTOBER, 1989, EFFECTIVE JANUARY 1, 1989 BY AND BETWEEN MESA OPERATING LIMITED PARTNERSHIP AND YATES PETROLEUM CORPORATION, ET AL.

COUNTY: CHAVES	STATE: NEW MEXICO	LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
PROSPECT: RIGHTS OF WAY	UNITED STATES OF AMERICA	NM-50014	NM-53877	MESA PETROLEUM CO.	11/29/82	DESCRIPTION: T 007 S R 023 E NPM SEC 0029 125 MILE RIGHT-OF-WAY ROAD FOR DEBIL FEDERAL RD LOCATED IN THE NE/4 SE/4
NM-50014	1	UNITED STATES OF AMERICA	NM-53864	MESA PETROLEUM CO.	12/10/82	DESCRIPTION: T 007 S R 022 E NPM SEC 0013 NE/4 NE/4 T 007 S R 023 E NPM SEC 0007 LOT 41 SE/4 SW/4 T 007 S R 023 E NPM SEC 0014 LOTS 1,2, NW/4 NE/4, NE/4 NW/4
NM-50014	2	UNITED STATES OF AMERICA	NM-55503	MESA PETROLEUM CO.	12/29/82	DESCRIPTION: T 007 S R 025 E NPM SEC 0019 246 MILE RIGHT-OF-WAY ROAD TO CANYON FEDERAL RD WELL LOCATED IN THE SE/4 NE/4, NE/4 SE/4
NM-50014	3	UNITED STATES OF AMERICA	NM-55545	MESA PETROLEUM CO.	03/21/81	DESCRIPTION: T 005 S R 025 E NPM SEC 0008 344 OF A MILE RIGHT-OF-WAY ROAD TO R1 CROLEY FED COM IN S/2 NW/4, NE/4 SW/4
NM-50014	4	UNITED STATES OF AMERICA	NM-55542	MESA PETROLEUM CO.	03/21/83	DESCRIPTION: T 007 S R 023 E NPM SEC 0009 250 OF A MILE RIGHT-OF-WAY ROAD TO R1 CROLEY FED COM IN S/2 NW/4, NE/4 SW/4

VERIFICATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. THIS DOCUMENT IS RELEASED TO THE PUBLIC BY THE NATIONAL ARCHIVES AND RECORDS ADMINISTRATION. FOR INFORMATION OF THE PUBLIC, THIS DOCUMENT IS BEING RELEASED IN FULL. IF YOU HAVE ANY INFORMATION THAT THIS DOCUMENT CONTAINS INFORMATION THAT IS NOT TO BE RELEASED, PLEASE CONTACT THE NATIONAL ARCHIVES AND RECORDS ADMINISTRATION AT (301) 837-1000.

EXHIBIT "A" PAGE 2
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-50014 & (CONT'D)

LESSOR

LEASE DATE

RECORDED

T 007 S
R 023 E NMPM
SEC 0007
250 OF A MILE PIPELINE R-O-W
TO MACHO FED #13 LOCATED
IN SW/4 NE/4

NM-50014 5 UNITED STATES OF AMERICA
NM-55562 MESA PETROLEUM CO.

04/15/83
DESCRIPTION:

T 007 S
R 023 E NMPM
SEC 0020
063 MILE ROW FOR CHINA
FEDERAL #11 LOCATED IN
NW/4 NE/4

NM-50014 6 UNITED STATES OF AMERICA
NM-55593 MESA PETROLEUM CO.

05/02/83
DESCRIPTION:

T 007 S
R 023 E NMPM
SEC 0019
250 OF A MILE RIGHT OF WAY
TO CHINA FED #12 WELL
LOCATED IN LOT 1

NM-50014 7 UNITED STATES OF AMERICA
NM-55605 MESA PETROLEUM CO.

05/10/83
DESCRIPTION:

T 007 S
R 026 E NMPM
SEC 0029
279 OF A MILE RIGHT-OF-WAY
ROAD TO DIAMOND #1 WELL
LOCATED IN SW/4 NW/4

NM-50014 8 UNITED STATES OF AMERICA
NM-55594 MESA PETROLEUM CO.

05/20/83
DESCRIPTION:

T 005 S
R 025 E NMPM
SEC 0004
205 MILE RIGHT-OF-WAY ROAD
TO THE LUDWICK FED COM #4
LOCATED IN SW/4 NE/4

NM-50014 9 UNITED STATES OF AMERICA
NM-55621 MESA PETROLEUM CO.

05/20/83
DESCRIPTION:

T 007 S
R 026 E NMPM
SEC 0029
509 OF A MILE RIGHT OF WAY
ROAD TO RUDOV CCM #1 IN TR
S/2 SE/4

EXHIBIT MAP PAGE 3
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSOR	LEASE DATE	RECORDED
NM-50014 10	UNITED STATES OF AMERICA NM-55607	MESA PETROLEUM CO.	05/25/73	
DESCRIPTION:				
T 005 S R 025 E SEC 0022 SW/4 NE/4, NW/4 NW/4, W/2 SE/4				
NM-50014 11	UNITED STATES OF AMERICA NM-55613	MESA PETROLEUM CO.	06/04/73	
DESCRIPTION:				
T 007 S R 023 E NMPM SEC 0021 R-0-M IN NW/4 SW/4 T 007 S R 023 E NMPM SEC 0030 R-0-M IN S/2 NE/4				
NM-50014 12	UNITED STATES OF AMERICA NM-55665	MESA PETROLEUM CO.	07/27/73	
DESCRIPTION:				
T 007 S R 022 E NMPM- SEC 0001 R-0-M IN SW/4 NE/4 T 007 S R 023 E NMPM SEC 0006 R-0-M IN LOT 5				
NM-50014 13	UNITED STATES OF AMERICA NM-55667	MESA PETROLEUM CO.	09/08/73	
DESCRIPTION:				
T 006 S R 026 E NMPM SEC 0025 R-0-M ACROSS NW/4 NE/4, E/2 NE/4, SE/4 SE/4 T 006 S R 027 E NMPM SEC 0030 R-0-M ACROSS SW/4 SW/4 T 007 S R 027 E NMPM SEC 0006 R-0-M ACROSS W/2 NW/4				
NM-50014 14	UNITED STATES OF AMERICA NM-55668	MESA PETROLEUM CO.	09/08/73	
DESCRIPTION:				
T 009 S R 024 E NMPM SEC 0012 E/2 SW/4, N/2 SE/4 T 009 S R 024 E NMPM SEC 0013 W/2 W/2, SW/4 SW/4				

CERTIFICATION

All photographs, maps or documents on this file are of authentic documents as the possession of this agency is noted in the Statement of Documents Certification on file at this agency. These documents are hereby acknowledged as a necessary operation in the execution of the landowner's document file.

Donald S. Anderson

10/26/77 J-175

EXHIBIT "A" PAGE 4
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-50014 14 (CONT'D)

LESSOR

LEASE DATE
DESCRIPTION:

RECORDED

T 009 S
R 024 E NMPM
SEC 0024
N/2 NW/4, SW/4 NW/4, W/2 SW/4
T 009 S
R 024 E NMPM
SEC 0025
NW/4 NW/4
T 009 S
R 025 E NMPM
SEC 0005
NE/4 SW/4, S/2 SW/4, NW/4 SE/4
T 009 S
R 025 E NMPM
SEC 0007
LITS 2 3, NE/4 NE/4,
W/2 NE/4, SE/4 NW/4

NM-50014 15 UNITED STATES OF AMERICA
NM-55707

MESA PETROLEUM CO.

10/19/03
DESCRIPTION:

T 007 S
R 022 E NMPM
SEC 0001
PIPELINE RIGHT-OF-WAY FOR
CAROL FEDERAL #5 LOCATED IN
SW/4 NE/4

NM-50014 16 UNITED STATES OF AMERICA
NM-55708

MESA PETROLEUM CO.

10/19/03
DESCRIPTION:

T 007 S
R 023 E NMPM
SEC 0010
PIPELINE RIGHT-OF-WAY FOR
DEBBIE FEDERAL #2 LOCATED IN
S/2 NE/4

NM-50014 17 UNITED STATES OF AMERICA
NM-55759

MESA PETROLEUM CO.

12/21/03
DESCRIPTION:

T 007 S
P 023 E NMPM
SEC 0029
PIPELINE RIGHT-OF-WAY FOR
DEBBIE FED #7 LOCATED IN
N/2 SW/4
T 007 S
R 023 E NMPM
SEC 0030
PIPELINE RIGHT-OF-WAY FOR
DEBBIE FEDERAL #7 LOCATED IN
SE/4 NE/4, NE/4 SE/4

CERTIFICATION

All information appearing in this report was obtained from the files and records of the Bureau of Land Management, U.S. Department of the Interior, and the records of the State of New Mexico. The information is not to be used for any purpose other than the one for which it was prepared. The Bureau of Land Management, U.S. Department of the Interior, and the State of New Mexico are not responsible for any errors or omissions in this report.

10/18/03 1-195

EXHIBIT MAP PAGE 5
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-50028	UNITED STATES OF AMERICA NM-53055	MESA PETROLEUM CO	10/29/82	
DESCRIPTION:				
T 007 S				
R 023 E				
SEC 0007				
*095 RIGHT-OF-WAY ROAD TO				
HALEY COW #1 LOCATED IN				
THE SW/4 NE/4				
NM-50084	JAMES P EMART	MESA PETROLEUM CO	12/04/80	
DESCRIPTION:				
T 005 S				
R 024 E				
SEC 0012				
RDM TO CAMACK FEDERAL #3				
T 005 S				
R 024 E				
SEC 0013				
RDM TO CAMACK FEDERAL #3				
NM-50085	BROWNSON CORN	MESA PETROLEUM CO	12/01/80	
DESCRIPTION:				
T 005 S				
R 024 E				
SEC 0015				
RDM TO #1 HIGGINS FEDERAL				
NM-50086	RUTH CORN INC	MESA PETROLEUM CO	02/04/81	
DESCRIPTION:				
T 005 S				
R 024 E				
SEC 0009				
RDM TO CAMACK FEDERAL #1				
T 005 S				
R 024 E				
SEC 0010				
RDM TO CAMACK FEDERAL #1				
T 005 S				
R 024 E				
SEC 0015				
RDM TO CAMACK FEDERAL #1				
NM-50087	RUTH CORN INC	MESA PETROLEUM CO	02/06/81	
DESCRIPTION:				
T 006 S				
R 025 E				
SEC 0017				
RDM TO #1 FOREMAN FEDERAL				
T 006 S				
R 025 E				
SEC 0008				
RDM TO #1 FOREMAN FEDERAL				
NM-50088	BROWNSON M CORN TRUST	MESA PETROLEUM CO	02/04/81	
DESCRIPTION:				
T 007 S				
R 023 E				
SEC 0010				
RDM TO #1 POUND TOP STAFF				

THE INFORMATION ON THIS MAP IS BASED ON THE INFORMATION OF THE CHAVES COUNTY, NEW MEXICO, AND IS NOT A GUARANTEE OF THE ACCURACY OF THE INFORMATION. THE INFORMATION IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE INFORMATION IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED.

EXHIBIT MA# PAGE 6
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR
MM-50089	JEAN J McDERMOTT ET AL

LESSEE

MESA PETROLEUM CO

LEASE DATE
01/26/81
DESCRIPTION:

RECORDED

T 009 S
R 024 E
SEC 0015
ROW ACROSS NE/4 NE/4 FOR
RESA #1 MELENA FEDERAL

AM-50090 E N BENEDICT

MESA PETROLEUM CO

02/26/81
DESCRIPTION:

T 005 S
R 025 C
SEC 0018
ROM TO RI CONF R

MM-50092 JAMES P EMMART

MEESA PETROLEUM CO

03/17/81
DESCRIPTION:

1 005 5
R 024 E
SEC 0008
ROW ACROSS SECTION

MM-5009J RICHARD H CORN ET AL

MISSA PETROLEUM CO

03/07/81
DESCRIPTION:

1 009 5
R 024 E
SEC 0029
ROM ACROSS SECTION

MM-50094 JICA CORN

MESSA PETROLEUM CO

02/12/31
DESCRIPTICN:

1 009 2
R 023 E
SEC 0005
RDM ACROSS SECTION

MM-50095 JDE KRANZ

MESA PETROLEUM CO

03/24/81
DESCRIPTICN:

```
T 007 S
R 025 E
SEC 0012
ROW ACROSS SECTION
T 007 S
R 025 E
SEC 0001
ROW ACROSS SECTION
```

MM-50096 SHELRY M BELL ET AL

MESA PETROLEUM CO

03/23/41
DESCRIPTICN

1 005 S
R 024 E
SEC 0017
ROM ACROSS SECTION

MM-50097 JAMES P EMMART

RTSA PETROLEUM CO

05/22/41
DESCRIPTION:

1 005 2
R 024 E
SEC 0011
RDM ACROSS SECTION

CERTIFICATION

EXHIBIT "A" PAGE 7
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-50098	E N BENEDICT	MESA PETROLEUM CO	05/22/81 DESCRIPTION: T 005 S R 025 E SEC 0017 ROW ACROSS SECTION	
NM-50099	BEAT F MARLEY ET UX	MESA PETROLEUM CO	07/10/81 DESCRIPTION: T 009 S R 023 E SEC 0008 ROW ACROSS SECTION	
NM-50100	E N BENEDICT	MESA PETROLEUM CO	07/14/81 DESCRIPTION: T 005 S R 025 E SEC 0013 ROW ACROSS SECTION	
NM-50102	CURN BROS INC	MESA PETROLEUM CO	05/21/81 DESCRIPTION: T 006 S R 026 E SEC 0007 ROW FOR SPRINGS-FEDERAL #1 ACROSS M/2	
NM-50104	TOM COOPER ET UX	MESA PETROLEUM CO	07/30/81 DESCRIPTION: T 007 S R 025 E SEC 0012 ROW ACROSS SECTION	
NM-50105	TOM COOPER ET UX	MESA PETROLEUM CO	07/30/81 DESCRIPTION: T 007 S R 025 E SEC 0014 ROW ACROSS SECTION	
NM-50106	BRONSON M CORN TRUSTEE	MESA PETROLEUM CO	07/31/81 DESCRIPTION: T 007 S R 023 E SEC 0005 ROW FOR MACHO FEDERAL #1 & #2 ACROSS E/2	
NM-50107	BRONSON CORN TRUSTEE	MESA PETROLEUM CO	08/04/81 DESCRIPTION: T 007 S R 023 E SEC 0014 ROW FOR MACHO FEDERAL #6 ACROSS NW/4	

CERTIFICATION

All photographs, images or documents on this file are of authorized documents
as the representative of the agency as stated in the Statement of Documents Certification on
the left margin. These documents are hereby acknowledged as a necessary provision in
the execution of the landowner document file.

10/15/81 8-175

EXHIBIT "A" PAGE 8
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR
NM-50107 0 (CONT'D)

LESSEE

LEASE DATE
DESCRIPTION:

RECORDED
T 007 S
R 023 E
SEC 0011
ROW FOR MACHU FEDERAL #8
ACROSS SW/4

NM-50108 CORN DROS INC MESA PETROLEUM CO

05/21/81
DESCRIPTION:

T 006 S
R 025 E
SEC 0002
ROW ACROSS ALL SECTION
T 006 S
R 025 E
SEC 0011
ROW ACROSS E/2
T 006 S
R 025 E
SEC 0012
ROW LOCATED IN NE/4, SW/4,
S/2 NW/4
T 006 S
R 026 E
SEC 0007
ROW ACROSS N/2

NM-50109 BRONSON M CORN TRUSTEE U.T.D. MESA PETROLEUM CO
DATED 9-28-72

04/14/81
DESCRIPTION:

T 007 S
R 023 E
SEC 0017
ROW ACROSS SECTION

NM-50110 BRONSON M CORN TRUSTEE U.T.D. MESA PETROLEUM CO
DATED 9-28-72

08/14/81
DESCRIPTION:

T 007 S
R 023 E
SEC 0017
ROW ACROSS N/2, SW/4
T 007 S
R 023 E
SEC 0018
ROW ACROSS S/2 NE/4, SE/4

NM-50111 BRONSON M CORN TRUSTEE U.T.D. MESA PETROLEUM CO
DATED 9-28-72

08/14/81
DESCRIPTION:

T 007 S
R 023 E
SEC 0008
ROW ACROSS E/2

NM-50112 BRONSON M CORN TRUSTEE U.T.D. MESA PETROLEUM CO
DATED 9-28-72

08/14/81
DESCRIPTION:

T 007 S
R 023 E
SEC 0005
ROW ACROSS SECTION

CERTIFICATION

On the foregoing pages of documents on this the day of September 1981, I, the undersigned, being a duly qualified and sworn official of the County of Chaves, State of New Mexico, have personally examined the foregoing documents and certify that they are true and correct copies of the original documents on file in the office of the County Clerk, Chaves County, New Mexico.

1981/9/15

19/15/81 8-175

EXHIBIT "A" PAGE 9
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER LESSOR

BROMSON M CORN TRUSTEE U.T.O.
DATED 4-20-72LESSOR
MESA PETROLEUM COLEASE DATE
08/14/81
DESCRIPTION:

RECORDED

T 007 S
R 023 E
SEC 0008
RDM ACROSS E/2
T 007 S
R 023 E
SEC 0017
RDM ACROSS N/2
T 007 S
R 023 E
SEC 0018
RDM ACROSS S/2 NE/4

NM-50114

DAVID T MCCREA

MESA PETROLEUM CO

08/19/81
DESCRIPTION:T 009 S
R 026 E
SEC 0006
RDM ACROSS SECTION
T 009 S
R 025 E
SEC 0007
RDM ACROSS SECTION

NM-50115

HUBERT F ATKINS

MESA PETROLEUM CO

08/18/81
DESCRIPTION:T 009 S
R 025 E
SEC 0011
RDM ACROSS NW/4 SE/4

NM-50116

TOM COOPER ET UX

MESA PETROLEUM CO

08/17/81
DESCRIPTION:T 007 S
R 025 E
SEC 0013
RDM ACROSS SECTION

NM-50118

JAMES P EMART

MESA PETROLEUM CO

10/15/81
DESCRIPTION:T 005 S
R 024 E
SEC 0012
RDM ACROSS SECTION

NM-50120

E N BENEDICT

MESA PETROLEUM CO

10/15/81
DESCRIPTION:T 005 S
R 025 E
SEC 0018
RDM ACROSS SECTION

NM-50121

E N BENEDICT

MESA PETROLEUM CO

10/01/81
DESCRIPTION:T 005 S
R 025 E
SEC 0021
RDM ACROSS S/2 N/2, SE/4 SW/4
T 005 S
R 025 E
SEC 0022
RDM ACROSS S/2 SW/4

CERTIFICATION

I, the undersigned, being of legal age and of sound mind, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the records of the County of Chaves, State of New Mexico, and that the same have been duly recorded in the public records of said County and State.

10/15/81 175

EXHIBIT "A" PAGE 10
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-50122	SPOOL CATTLE COMPANY	MESA PETROLEUM CO	11/04/81 DESCRIPTION:	T 008 S R 025 E SEC 0006 RDM ACROSS NW/4 T 008 S R 024 E SEC 0001 RDM ACROSS NE/4
NM-50123	SPOOL CATTLE COMPANY	MESA PETROLEUM CO	11/04/81 DESCRIPTION:	T 009 S R 025 E SEC 0008 RDM ACROSS SE/4
NM-50124	SPOOL CATTLE COMPANY	MESA PETROLEUM CO	11/04/81 DESCRIPTION:	T 007 S R 025 E SEC 0009 RDM ACROSS NE/4, SE/4
NM-50125	SPOOL CATTLE COMPANY	MESA PETROLEUM CO	11/04/81 DESCRIPTION:	T 007 S R 025 E SEC 0020 RDM ACROSS NW/4
NM-50126	E N BENEDICT	MESA PETROLEUM CO	11/18/81 DESCRIPTION:	T 005 S R 025 E SEC 0033 RDM ACROSS SECTION
NM-50127	TOM COOPER ET UX	MESA PETROLEUM CO	11/20/81 DESCRIPTION:	T 007 S R 025 E SEC 0012 RDM ACROSS NE/4
NM-50128	TOM COOPER ET UX	MESA PETROLEUM CO	11/20/81 DESCRIPTION:	T 007 S R 025 E SEC 0012 RDM ACROSS SECTION
NM-50129	E N BENEDICT	MESA PETROLEUM CO	11/05/81 DESCRIPTION:	T 005 S R 025 E SEC 0017 RDM ACROSS SECTION
NM-50130	E N BENEDICT	MESA PETROLEUM CO	11/12/81 DESCRIPTION:	T 005 S R 025 E SEC 0017 RDM ACROSS SECTION

CERTIFICATION

All accompanying images of documents on this file are of authorized documents
as the same are recorded in the State of New Mexico. Certification on
this is given. These documents are hereby acknowledged as a necessary condition to
the recording of the same.

10/15/81

10/15/81

EXHIBIT "A" PAGE 11
COUNTY: CHAVES
STATE: NEW MEXICO

LEASE NUMBER	LESSOR	LESSEE	LEASE DATE	RECORDED
NM-50131	E N BENEDICT	MESA PETROLEUM CO	12/17/81 DESCRIPTION:	T 005 S W 025 E SEC 0017 R/W ACROSS SECTION
NM-50132	THOMAS S COOPER	MESA PETROLEUM	06/17/91 DESCRIPTION:	T 007 S R 026 E SEC 0005 R/W ACROSS SECTION
NM-50133	M MILLER CORN	MESA PETROLEUM CO	08/24/93 DESCRIPTION:	T 007 S W 022 E SEC 0001 R/W ACROSS SECTION
NM-50134	BRUNSON M CORN TRUST	MESA PETROLEUM CO	09/27/83 DESCRIPTION:	T 007 S W 023 E SEC 0030 PIPELINE R/W ACROSS SECTION
NM-50135	BRUNSON M CORN	MESA PETROLEUM CO	11/16/83 DESCRIPTION:	T 006 S R 025 E SEC 0030 R/W ACROSS SECTION

Attest

Certified this 9th day of Jan
19 90, as a true and correct copy of
the original on file in this office

RHODA GOODLOE

(Chaves County Clerk

Deputy

State of New Mexico, } ss
County of Chaves }

FILED FOR RECORD

OCT 25 1989

At 9:15 o'clock A M and recorded in
book 67 page 118
Rhoda Goodloe County Clerk
Deputy

ANTHONY, TEXAS

All documents, papers or documents on this file are of authorized documents
in the possession of this agency as noted in the Statement of Documents Certification on
the back of this agency. These documents are not to be distributed as a necessary operation in
the possession of the individual document file.

CERTIFICATE

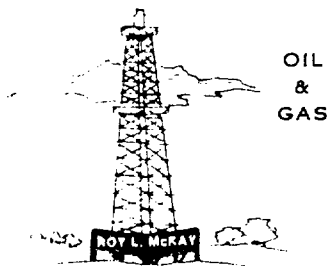
10/25/89 175

McKay Oil Corporation

ROY L. MCKAY, PRESIDENT

MAILING ADDRESS: P.O. BOX 2014 ROSWELL, N.M. 88202 • TELEPHONE 505 / 623 - 4735

STREET ADDRESS: ONE MCKAY PLACE ROSWELL, N.M. 88201 • FAX NO. 505 / 624 - 2202



December 18, 1989

Yates Petroleum Corporation
207 S. Fourth Street
Artesia, New Mexico 88210

Attention: Randy Patterson

RE: Notice of Hearing
Unorthodox location
Rule 104, Well Spacing (F) Unorthodox Locations
Directional Drilling
Rule 111, Directional Drilling

Dear Randy:

This letter is to serve as official notice that it is the intent of McKay Oil Corporation (Applicant) to reenter two wells located in Chaves County, New Mexico, for the purpose of directional drilling in the Abo formation. The directional drilling will be in two directions from the present wellbore for a length of approximately 300 feet. These two wells, which are described below, are offsets to Yates Petroleum Corporation leases:

Well Name: McKay Harvey Federal #1
Surface Location: 660 FEL & 660 FSL
Section 17-9S-25E
Chaves County, NM

Deviation Points 960 FEL & 660 FSL
660 FSL & 960 FEL

Well Name: L. L. & E. Federal #3
Surface Location: 660 FNL & 1485 FWL
Section 12-6S-22E
Chaves County, NM

Deviation Points 660 FNL & 1184 FWL
729 FNL & 1776 FWL



Page 2 of 2
Yates Petroleum
December 18, 1989

As required under Rule "N" of the Rules and Regulations of the State of New Mexico, Energy and Minerals Department, Oil Conservation Division, notice must be given to offset operators. Therefore, please be advised that the hearing is to be held in Santa Fe at the Oil Conservation Division Conference Room on January 10, 1990 at 8:30 A.M. before an OCD Examiner. A number and style of this case will be assigned at a later date and will be forwarded to you upon receipt.

Since the directional drilling will not be any closer to the outside Section line than is allowed under normal OCD rules and regulations, it is requested that Yates Petroleum Corporation consent to the directional drilling and waive its rights to appearance in said hearing. Should this meet with your approval, please sign in the space provided below and return to the above address.

Thank you for your cooperation and assistance.

Very truly yours,

MCKAY OIL CORPORATION

Jim Schultz
James L. Schultz
V.P. Land & Legal

JLS/ml
certified mail - P-583-~~126~~-782

AGREED to this _____ day
of December, 1989.

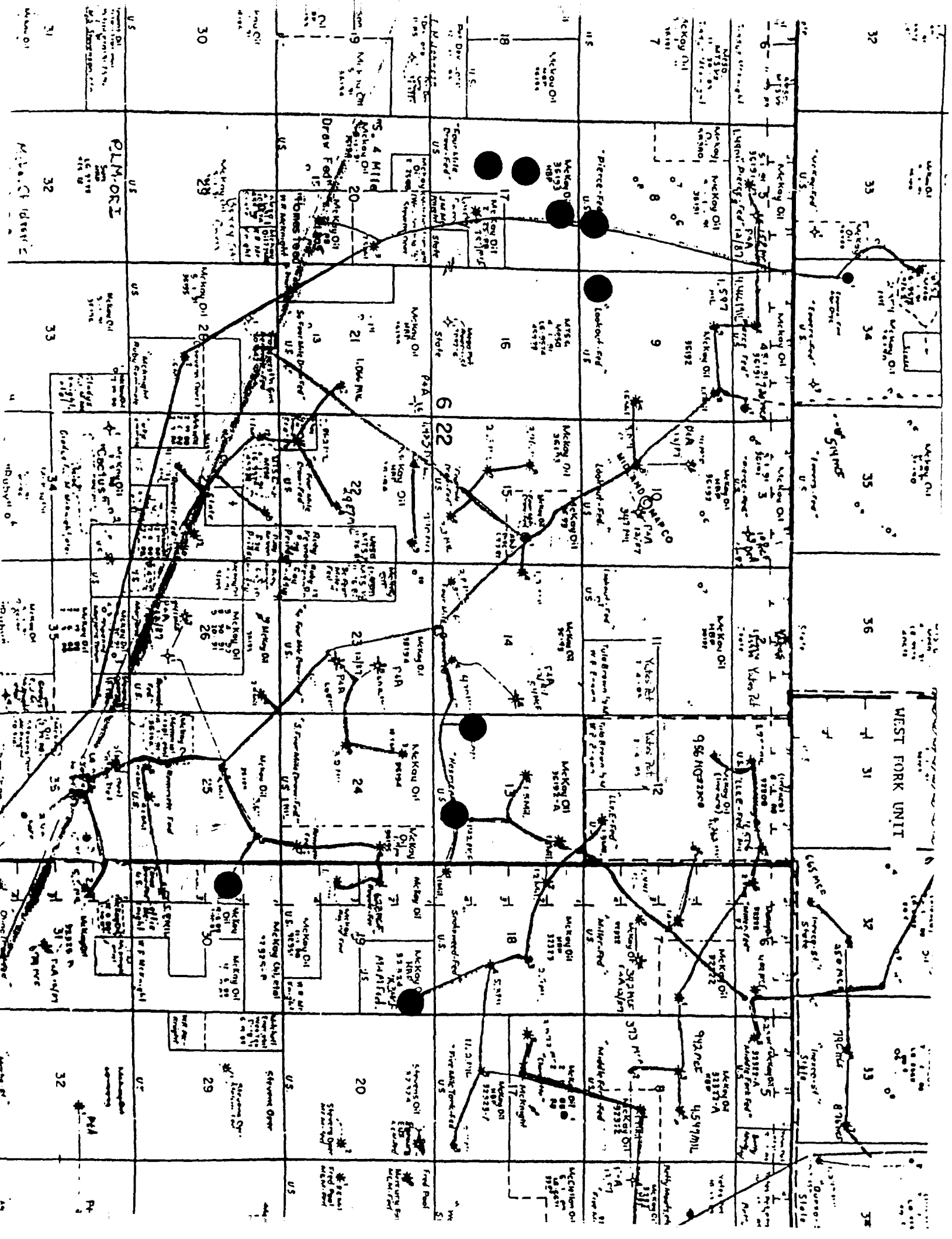
YATES PETROLEUM CORPORATION

BY: _____

PS Form 3811, July 1983

SENDER: Complete items 1, 2, 3 and 4.	
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. <u>The return receipt fee will provide you the name of the person delivered to and the date of delivery.</u> For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.	
1. ☒ Show to whom, date and address of delivery.	
2. ☐ Restricted Delivery.	
3. Article Addressed to: <i>Yates Petroleum Corp. 207 S. Fourth Street Artesia, NM 88210</i>	
4. Type of Service: ☐ Registered ☒ Certified ☐ Express Mail	Article Number: <i>P-583-126-782</i>
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee <i>Cy Cowie</i>	
6. Signature - Agent <i>X</i>	
7. Date of Delivery <i>12/19/89</i>	
8. Addressee's Address (ONLY if requested and fee paid)	

DOMESTIC RETURN RECEIPT



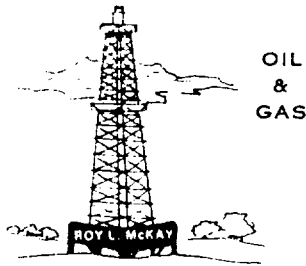


McKay Oil Corporation

ROY L. MCKAY, PRESIDENT

MAILING ADDRESS: P.O. BOX 2014 ROSWELL, N.M. 88202 • TELEPHONE 505/623-4735

STREET ADDRESS: ONE MCKAY PLACE ROSWELL, N.M. 88201 • FAX NO. 505/624-2202



Certified

January 2, 1990

Yates Petroleum Corporation
207 South Fourth Street
Artesia, New Mexico 88210

Attention: Mr. Randy Patterson

Dear Mr. Patterson:

Enclosed please find Docket Number 1-90 of January 10, 1990 for Case Number 9851.

If you should have any questions, please call me at the above number.

Very truly yours,

MCKAY OIL CORPORATION

James L. Schultz
James L. Schultz
V.P. Land & Legal

JLS/ml

Enclosure. - p-583-126-789



LEASES

PRODUCTION

PS Form 3811, Dec. 1980	
● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
(CONSULT POSTMASTER FOR FEES)	
1. The following service is requested (check one). ☒ Show to whom and date delivered <i>90c</i> ☐ Show to whom, date, and address of delivery.. <i>—c</i>	
2. ☐ RESTRICTED DELIVERY <i>—c</i> (The restricted delivery fee is charged in addition to the return receipt fee.)	
TOTAL \$ _____	
3. ARTICLE ADDRESSED TO: <i>Yates Petroleum Corporation 207 S. Fourth Str. Artesia, New Mex. 88210</i>	
4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☒ CERTIFIED ☐ COD ☐ EXPRESS MAIL	ARTICLE NUMBER <i>p-583126789</i>
(Always obtain signature of addressee or agent)	
I have received the article described above. SIGNATURE ☐ Addressee ☐ Authorized agent <i>[Signature]</i>	
5. DATE OF DELIVERY <i>1-3-90</i>	POSTMARK
6. ADDRESSEE'S ADDRESS (Only if requested) <i>[Signature]</i>	
7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS

Exets Nos. 3-90 and 4-90 are tentatively set for January 24, 1990 and February 7, 1990. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 10, 1990
8:15 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

The following cases will be heard before David R. Catanach, Examiner, or Michael E. Stogner, Alternate Examiner:

- ALLOWABLE:**
- (1) Consideration of the allowable production of gas for February 1990, from fourteen prorated gas pools in Lea, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for February, 1990, from four prorated gas pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 9841: (Continued from December 13, 1989, Examiner Hearing.)

Application of Tahoe Energy Inc. for four non-standard gas proration units, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the following four non-standard gas spacing and proration units for Jalmat Gas Pool production in Sections 3 and 4, Township 25 South, Range 37 East:

1. 160.23 acres comprising Lot 2, SW/4 NE/4, and W/2 SE/4 of Section 3;
2. 160.25 acres comprising Lot 3, SE/4 NW/4, and E/2 SW/4 of Section 3;
3. 160.29 acres comprising Lot 4, SW/4 NW/4, and W/2 SW/4 of Section 3;
4. 120.29 acres comprising Lot 1, SE/4 NE/4, and NE/4 SE/4 of Section 4.

Said area is located approximately 4 miles northeast by north of Jal, New Mexico.

CASE 8874: (Reopened)

In the matter of Case 8874 being reopened pursuant to the provisions of Division Order Nos. R-639-C-1 which Order reclassified the Crosby-Devonian Gas Pool in Lea County, New Mexico. Operators in the subject pool should be prepared to appear and show cause why the Crosby-Devonian Associated Pool should not be reclassified as a gas pool to be governed by the rules set forth by Division Orders No. R-639, as amended, and R-8170, as amended.

CASE 9851: Application of McKay Oil Corporation for horizontal drilling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to reenter two wells for the purpose of drilling two horizontal drainholes from each well in the Abo formation. The McKay-Harvey Federal Well No. 1 located 660 feet from the South and East lines (Unit P) of Section 17, Township 9 South, Range 25 East, is proposed to have one drainhole terminating at a point 660 feet from the South line, 960 feet from the East line, and another drainhole terminating 960 feet from the South line, 660 feet from the East line of said Section in the South Pecos Slope-Abo Gas Pool. The L. L. & E. Federal Well No. 3 located 660 feet from the North line and 1485 feet from the West line (Unit C) of Section 12, Township 6 South, Range 22 East, is proposed to have one drainhole terminating 729 feet from the North line, 1776 feet from the West line and another drainhole terminating 660 feet from the North line, 1184 feet from the West line (Unit D) of said Section in the West Pecos Slope-Abo Gas Pool. The McKay-Harvey Federal Well No. 1 is located approximately 8 miles northeast of Roswell and the L. L. & E. Federal Well No. 3 is located approximately 25 miles north-northwest of Roswell.

CASE 9819: (Continued from November 29, 1989, Examiner Hearing.)

Application of Blackwood & Nichols Co., Ltd. for compulsory pooling and an unorthodox gas well location, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Fruitland formation underlying Lots 7 and 8, the S/2 NW/4, and the SW/4 of Section 4, Township 30 North, Range 7 West, in both San Juan and Rio Arriba Counties, forming a 319.38-acre gas spacing and proration unit for any and all formations and/or pools within said vertical extent developed on 320-acre spacing, which presently includes the Basin-Fruitland Coal Gas Pool, to be dedicated to its Northeast Blanco Unit Well No. 424, to be drilled at an unorthodox coal gas well location 2075 feet from the North line and 1330 feet from the West line (Unit F) of said Section 4. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is approximately 3.5 miles north-northeast of the Navajo Reservoir Dam.

CASE 9820: (Continued from November 29, 1989, Examiner Hearing.)

Application of Blackwood & Nichols Co., Ltd. for compulsory pooling and a non-standard gas proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Fruitland formation underlying the E/2 equivalent of Irregular Section 13, Township 30 North, Range 8 West, for any and all formations and/or pools within said vertical extent of this tract developed on 320-acre spacing (which presently includes but is not necessarily limited to the Basin-Fruitland Coal Gas Pool). Said unit is to be dedicated to its Northeast Blanco Unit Well No. 469, to be drilled at a previously approved (NSL-2685) unorthodox coal gas well location 1315 feet from the North line and 645 feet from the East line (Unit H) of said Section 13. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is approximately 1 miles northwest of the Navajo Reservoir Dam.

CASE 9078: (Continued from December 27, 1989, Examiner Hearing.)

In the matter of Case 9078 being reopened pursuant to the provisions of Division Order Nos. R-8450 and R-8450-A, both concerning the Southwest Osudo-Wolfcamp Gas Pool in Lea County, New Mexico. BTA Oil Producers may appear and present evidence as to the exact nature of the reservoir and more particularly, as to the proper rate of withdrawal from the Southwest Osudo-Wolfcamp Gas Pool if it is indeed determined to be a retrograde gas condensate reservoir.

CASE 9846: (Continued from December 27, 1989, Examiner Hearing.)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Canyon formation underlying the SE/4 of Section 35, Township 19 South, Range 24 East, forming a standard 160-acre spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent, which includes but is not limited to the Undesignated Dagger Draw-Wolfcamp Gas Pool and Undesignated North Dagger Draw-Upper Pennsylvanian Pool, and the SE/4 SE/4 of said Section 35 forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent, which includes but is not necessarily limited to the Undesignated Canyon-Wolfcamp Pool. Said unit is to be dedicated to a well to be drilled at a standard location 660 feet from the South and East lines (Unit P) of said Section 35. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operation costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 7.5 miles west by north of Seven Rivers, New Mexico.

CASE 9813: (Continued from December 27, 1989, Examiner Hearing.)

Application of Meridian Oil Inc., on behalf of El Paso Natural Gas Company, for an unorthodox coal gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox coal gas well location for its San Juan 30-6 Unit Well No. 482 to be drilled 835 feet from the South line and 2440 feet from the West line (Unit N) of Section 31, Township 30 North, Range 6 West, Basin-Fruitland Coal Gas Pool, the W/2 of said Section 31 to form a standard 320-acre gas spacing and proration unit for said pool. Said unit is located approximately 6.25 miles east-southeast of the Navajo Reservoir Dam.

CASE 9850: (Continued from December 27, 1989, Examiner Hearing.)

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order extending a certain existing pool in Rio Arriba County and San Juan Counties, New Mexico.

- (a) EXTEND the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Sections 2 through 11: All
Sections 14 through 23: All

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Sections 1 and 2: All
Sections 11 through 14: All
Section 15: S/2
Section 20: S/2
Sections 22 through 24: All

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM

Section 20: E/2
Section 21: All
Section 28 and 29: All
Sections 32 through 35: All

DOCKET: COMMISSION HEARING - THURSDAY - JANUARY 18, 1990
9:00 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

Docket 2-90

CASE 9764: (De Novo)

Application of Meridian Oil, Inc. for a highly-deviated directional drilling pilot project, unorthodox gas well location and an exception to Rule 2(b) of the Special Rules Governing the Blanco-Mesaverde Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to initiate a highly-deviated directional drilling pilot project in the equivalent E/2 (Lots 1, 2, 7, 8, 9, 10, 15, and 16) of Section 14, Township 30 North, Range 8 West, forming a 284.20-acre gas spacing and proration unit in the Blanco-Mesaverde Pool, by commencing its Hail "E" Well No. 2R at an unorthodox surface location 435 feet from the North line and 1555 feet from the East line of said Section 14, then drilling to a true vertical depth of approximately 3421 feet then commencing a medium radius curve in a southerly direction to encounter the top of the Blanco-Mesaverde Pool at a true vertical depth of approximately 4142 feet at which point the wellbore will be drilled to the base of the Blanco-Mesaverde Pool at a true vertical depth of approximately 5415 feet to a terminus at a standard bottomhole location in the SE/4 of said Section 14 being no closer than 790 feet from the outer boundary of the southern half of the subject proration unit. Applicant further seeks an exception to Rule 2(b) of the Special Rules and Regulations for the Blanco-Mesaverde Pool as promulgated by Division Order No. R-8170, as amended, allowing a third well to be drilled and produced on an existing proration unit in which are dedicated the Hail "E" Wells Nos. 2 and 2A located in Units A and P, respectively, of said Section 14. Said unit is located approximately 20 miles east of Aztec, New Mexico. Upon application of Meridian Oil, Inc., this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 9765: (De Novo)

Application of Meridian Oil, Inc. for a highly-deviated directional drilling pilot project, unorthodox gas well location and an exception to Rule 2(b) of the Special Rules Governing the Blanco-Mesaverde Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to initiate a highly-deviated directional drilling pilot project in the equivalent W/2 (Lots 3 and 4, the S/2 NW/4, and the SW/4) of Section 4, Township 30 North, Range 9 West, forming a 322.70-acre gas spacing and proration unit in the Blanco-Mesaverde Pool, by commencing its Riddle Well No. 1R at an unorthodox surface location 250 feet from the North line and 830 feet from the West line of said Section 4, then drilling to a true vertical depth of approximately 3830 feet then commencing a medium radius curve in a southerly direction to encounter the top of the Blanco-Mesaverde Pool at about 4550 feet at which point the wellbore will be drilled to the base of the Blanco-Mesaverde Pool at a true vertical depth of approximately 5750 feet to a terminus at a standard bottomhole location in the SW/4 of said Section 4 being no closer than 790 feet from the outer boundary of the southern half of the subject proration unit. Applicant further seeks an exception to Rule 2(b) of the Special Rules and Regulations for the Blanco-Mesaverde Pool as promulgated by Division Order No. R-8170, as amended, allowing a third well to be drilled and produced on an existing proration unit in which are dedicated the Riddle Well Nos. 1 and 1A located in Units D and L, respectively, of said Section 4. Said unit is located approximately 11 miles east of Aztec, New Mexico. Upon application of Meridian Oil, Inc., this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 9802: (De Novo)

Application of Marathon Oil Company for an unorthodox gas well location and simultaneous dedication, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox gas well location 330 feet from the South line and 1650 feet from the West line (Unit H) of Section 9, Township 21 South, Range 23 East, Indian Basin-Upper Pennsylvanian Gas Pool, all of said Section 9, forming a standard 640-acre gas spacing and proration unit for said pool, to be simultaneously dedicated to said well and to the existing North Indian Basin Unit Well No. 5 located at a standard gas well location 1815 feet from the South line and 1752.3 feet from the East line (Unit H) of said Section 9. The subject spacing unit is located approximately 2.5 miles northwest of the applicant's Indian Basin Gas Plant. Upon application of Marathon Oil Company, this case will be heard De Novo pursuant to the provisions of Rule 1220.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

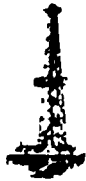
1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-32308	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR McKay Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Post Office Box 2014, Roswell, New Mexico 88201		8. FARM OR LEASE NAME L L & E Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1485' FWL & 660' FNL At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 3-23-88		16. DATE T.D. REACHED 3-29-88	
17. DATE COMPL. (Ready to prod.) 4-29-88		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 4177'	
20. TOTAL DEPTH, MD & TVD 3375'		21. PLUG, BACK T.D., MD & TVD 3113'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2962' - 2980' Abo		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Cyberlook; DLL/MSFL; GR; PRL; CNL/LDL; CBL		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"	24#	921	12 1/4"
4 1/2"	9.5#	3154'	7 7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2962' - 2980'		DEPTH INTERVAL (MD)	
2 JSPF 37 holes - 0.35"		2962' - 2980'	
		AMOUNT AND KIND OF MATERIAL USED	
		Acidized w/2000 gal 7 1/2% Abo	
		Acid, 16500 gals 40# Linear	
		gel, 27750# 20/40 sd.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 5-5-88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 4-20-88	HOURS TESTED 4 hrs.	CHOKE SIZE 16/64	PROD'N. FOR TEST PERIOD →
OIL—BBL. 420	GAS—MCF. 246	WATER—BBL. 0	GAS-OIL RATIO 0.58
FLOW. TUBING PRESS. 808-416	CASING PRESSURE 888-495	CALCULATED 24-HOUR RATE →	OIL—BBL. 0
GAS—MCF. 986		WATER—BBL. 0	
OIL GRAVITY-API (COR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED	
35. LIST OF ATTACHMENTS C-122; 2 copies of logs listed above: Deviation Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			

EXHIBIT

7

SIGNED Theresa Rodriguez TITLE Production Analyst DATE 5-17-88

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



GRANDE DRILLING CORPORATION

J.P. White Building
P.O. Box 2487
Roswell, New Mexico 88201
(505) 623-9537



April 1, 1988

McKay Oil Corporation
P.O. Box 2014
Roswell, NM 88201

Re: L.L. & E. Federal #3
NW/4, Section 12, T6S, R22E
Chaves County, New Mexico

Spud - 3/23/88

DEVIATION SURVEY

1/4 [°]	@	586'
1/4 [°]	@	936'
1/2 [°]	@	1477'
1/2 [°]	@	1970'
1/2 [°]	@	2583'
1/2 [°]	@	3013'
3/4 [°]	@	3375'

TD - 3375'

Released - 3/31/88

Sincerely,

J.C. Johnson
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was.
acknowledged before me this
1st day of April, 1988,
by the person known to me to
be J.C. Johnson.

My Commission Expires: 3/31/89

Notary Public

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED APR 19 1988

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-20-88	
Company MCKAY OIL CORPORATION		Connection Air	
Pool West Pecos Slope Abo		Formation Abo Sand	
Completion Date 4-20-88		Total Depth 3375;	
Plug Back TD 3100'		Elevation 4177 GL	
Farm or Lease Name L L & E Federal		Well No. #3	
Ceq. Size 4-1/2"	Wt. 10.5#	d 4.090	Set At 3153'
Perforations: From 2839	To 2861		Unit 12
Thq. Size 2-3/8"	Wt. 4.7	d 1.995	Set At 2763'
Perforations: From --	To --		Sec. 6S
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At --	
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2850	
Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2	
State N.M.		County Chaves	
L 2850	H 2850	G _g 0.622	% CO ₂ 0.00
% N ₂ 4.969	% H ₂ S 0.00	Prover 2.00	Meter Run --
Taps --			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff, hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							940		942		SI 72 HRS.
1.	2.00	.250		147	--	60	808		888	60	60 MIN.
2.	2.00	.375		71	--	60	742		838	60	60 MIN.
3.	2.00	.375		158	--	60	635		700	60	60 MIN.
4.	2.00	.500		113	--	60	416		495	60	60 MIN.
5.											

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	1.087	--	160.2	1.000	1.268	1.013	224
2.	2.378	--	84.2	1.000	1.268	1.007	256
3.	2.378	--	171.2	1.000	1.268	1.014	523
4.	4.279	--	126.2	1.000	1.268	1.010	693
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	0	Mcf/bbl.
1.	.24	520	1.48	.974	A.P.I. Gravity of Liquid Hydrocarbons	--	Deq.
2.	.13	520	1.48	.986	Specific Gravity Separator Gas	0.622	XXXXXX
3.	.26	520	1.48	.972	Specific Gravity Flowing Fluid	XXXXX	
4.	.19	520	1.48	.980	Critical Pressure	662	P.S.I.A.
5.					Critical Temperature	351	R

P _c	955.2	P _c ²	912.4		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.8558$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.8511$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		901.2	812.2	100.2		
2		851.2	724.5	187.9		
3		713.2	508.7	403.7		
4		508.2	258.3	654.1		
5						

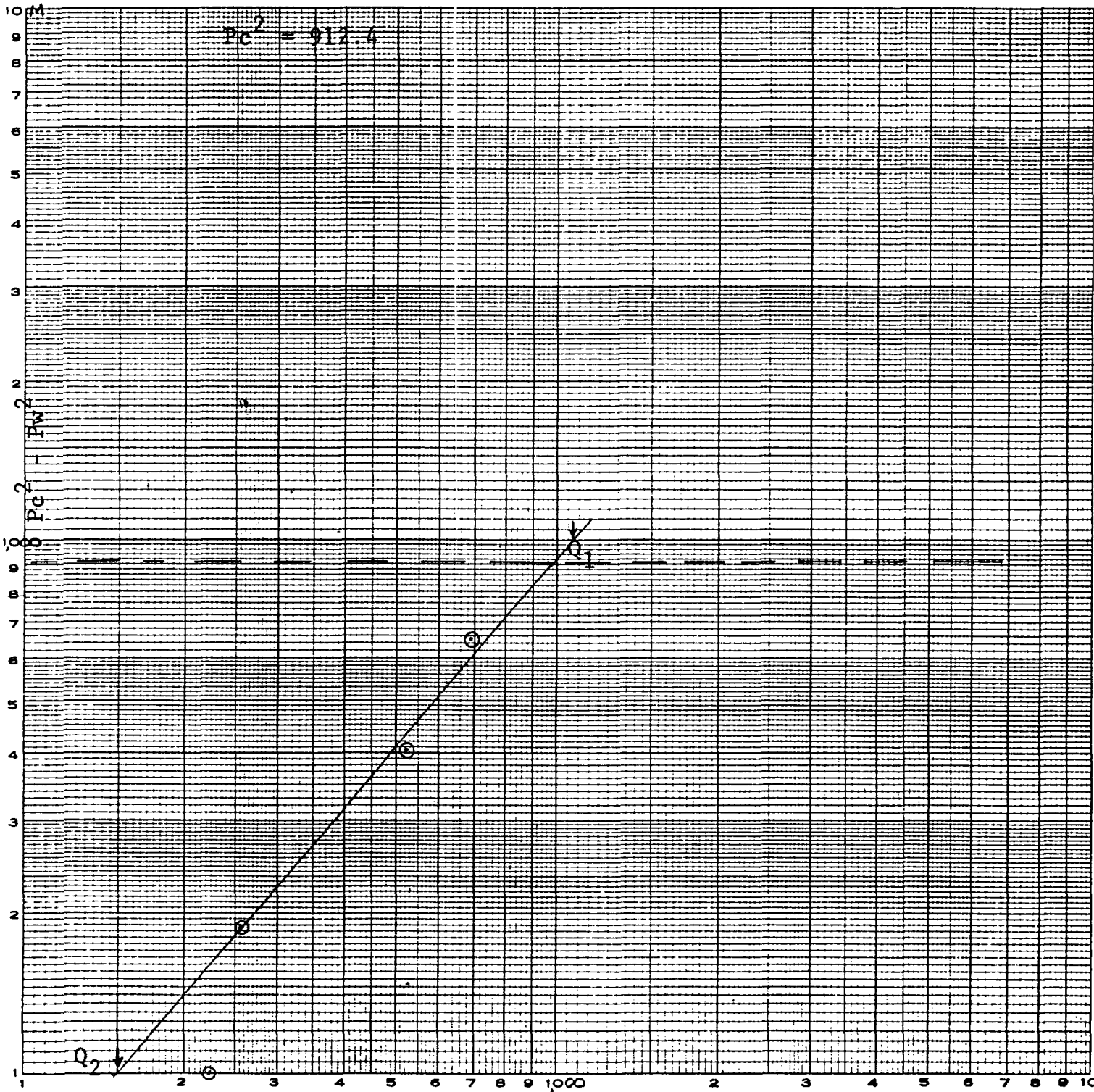
$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 985.9$$

Absolute Open Flow 986		Mcf @ 15.025		Angle of Slope @ 49.53		Slope, n 0.853	
Remarks: Well produced estimated 3 bbls. water during test.							
Approved By Division		Conducted By: D. Kelton		Calculated By: C. Sanders		Checked By: P. Stewart	

MCKAY OIL CORPORATION
 L L & E Federal #3
 Sec. 12, T6S, R22E
 4-20-88

DIETZEN CORPORATION
 MADE IN U.S.A.

NO. 340-L22 DIETZEN GRAPH PAPER
 LOGARITHMIC
 2 CYCLES X 2 CYCLES



$$\begin{aligned}
 Q_1 &= 1070; \log = 3.02938 \\
 Q_2 &= 150; \log = 2.17609 \\
 &\quad \underline{0.85329} \\
 n &= 0.853
 \end{aligned}$$

AOF = 986

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ - DRY ☐ - Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER ☐ Other ☐

2. NAME OF OPERATOR
McKay Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 2014, Roswell, NM 88202-2014

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

At surface 660' FSL & 660' FEL (SESE)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

USA NM-19829

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McKay-Harvey Fed.

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 17, T.9S, R.25

12. COUNTY OR PARISH

Chaves

13. STATE

N.M.

15. DATE SPUNDED 1-25-84 16. DATE T.D. REACHED 2-14-84 17. DATE COMPL. (Ready to prod.) 3-21-84 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3574' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5172' 21. PLUG, BACK T.D., MD & TVD 4117' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Yes 24. ROTARY TOOLS Yes 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3748-3759' & 3959-3961' Abo 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. Density-Neutron, DDL-MSFL, Laserlog, CBL, Perf Record 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32#	718'	12 1/4"	400 sx & 750 sx	
4-1/2"	10.5#	4149'	7-7/8"	400 sx	Circ 15 SX

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					12-3/8"	3718'	

31. PERFORATION RECORD (Interval, size and number)

3748-3759' (12 0.38" jets)
3959-3961' (3 0.38" jets)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3748-3759' & 3959-3961'	2000 gal HCL, 30,000 gal 30# X-linked gel, 29,000# 20/40 sd, 16,700# 10/20

33.* PRODUCTION

DATE FIRST PRODUCTION --- PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 3/21/84 HOURS TESTED 4 CHOKE SIZE 64/64 PROD'N. FOR TEST PERIOD --- OIL—BBL. 1425 GAS—MCF. 8555 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 808-973 CASING PRESSURE --- CALCULATED 24-HOUR RATE --- OIL—BBL. 8555 GAS—MCF. 8555 WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-In, WOPL

35. LIST OF ATTACHMENTS

C-122, Logs as listed above (2 copies)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available

SIGNED Laurance Schmitt TITLE Production Analyst

DATE 4/20/84

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

EXHIBIT

48

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers', geologists', sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as referenced. (Where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 23 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s). If any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval, to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement" Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test 4POINT ☒ Initial ☐ Annual ☐ Special					Test Date 3-21-84	
Company MCKAY OIL COMPANY				Connection TO AIR		
Pool PECOS SLOPE				Formation ABO		Unit ...
Completion Date 3-12-84		Total Depth 5172.		Plug Back L. 4117.		Elevation 0
Farm or Lease Name MCKAY HARVEY FEDERAL						Well No. #1
Case Size 4.500	Wt. 10.5	d 4.052	Set At 4117.	Perforations: From 3784. To 3961.		Unit Sec. Twp. Rge. 17 9S 25E
Tap Size 2.375	Wt. 4.7	d 1.995	Set At 3718.	Perforations: From 0 To 0		
Type Well - Single - Blindhead - G.G. or G.O. Multiple SINGLE				Packer Set At 0		County CHAVES
Producing thru TUBING		Reservoir Temp. °F 104 3855.		Mean Annual Temp. °F 60.0		State NEW MEXICO
L 3855.	H 3855.	Cg 0.661	% CO ₂ 0.05	% N ₂ 5.87	% H ₂ O 0	Prover 2.0
Motor Run 0						Taps FLANGE

FLOW DATA						TUBING DATA		B.H.P. DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		CHOKE
51									1102.		216.0
1.	2.00 X 0.125			973.	0.	68.	0.	0.	1092.	64/64	1.0
2.	2.00 X 0.188			955.	0.	68.	0.	0.	1074.	64/64	1.0
3.	2.00 X 0.250			923.	0.	70.	0.	0.	1046.	64/64	1.0
4.	2.00 X 0.313			808.	0.	71.	0.	0.	1008.	64/64	1.0
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Compres. Factor, Fpv	Rate of Flow Q, Mcfd
1	0.26	0.	986.2	0.9924	1.2300	1.0877	346.
2	0.61	0.	968.2	0.9924	1.2300	1.0861	779.
3	1.08	0.	936.2	0.9905	1.2300	1.0819	1338.
4	1.67	0.	821.2	0.9896	1.2300	1.0713	1786.
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1	1.50	528.	1.46	0.845	0.	
2	1.47	528.	1.46	0.848	0.	
3	1.42	530.	1.47	0.854	0.661	XXXXXXX
4	1.25	531.	1.47	0.871	XXXXX	0.661
5						

P _r 1005.4 P _r ² 1011.		$(1) \frac{P_c^2}{P_b^2 - P_w^2} = 10.3163$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6.3937$	
NO	P _r ²	P _w	P _w ²	P _r ² - P _w ²	
1	1221.	996.	993.	18.	
2	1182.	981.	961.	49.	
3	1122.	956.	913.	98.	
4	1043.	922.	850.	161.	
5					

$AOI = 0 \left[\frac{P_c^2}{P_b^2 - P_w^2} \right]^n = 8554.7$		Absolute Open Flow <u>8555.</u> Mcfd @ 15.025		Angle of Slope <u>51.5</u>		Slope, n <u>0.795</u>	
Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.							
Approved By Commission:		Conducted By: RICHARD TOWNLEY		Calculated By: BENNETT & CATHEY		Checked By:	

COMPENSATED DENSITY
COMPENSATED NEUTRON
LOG
MAY 09

EXHIBIT

10

PENGAD-Beyonne, M. J.

03600

* 3614

ABO

A

03700

P-wave peak

03800

EXHIBIT 10

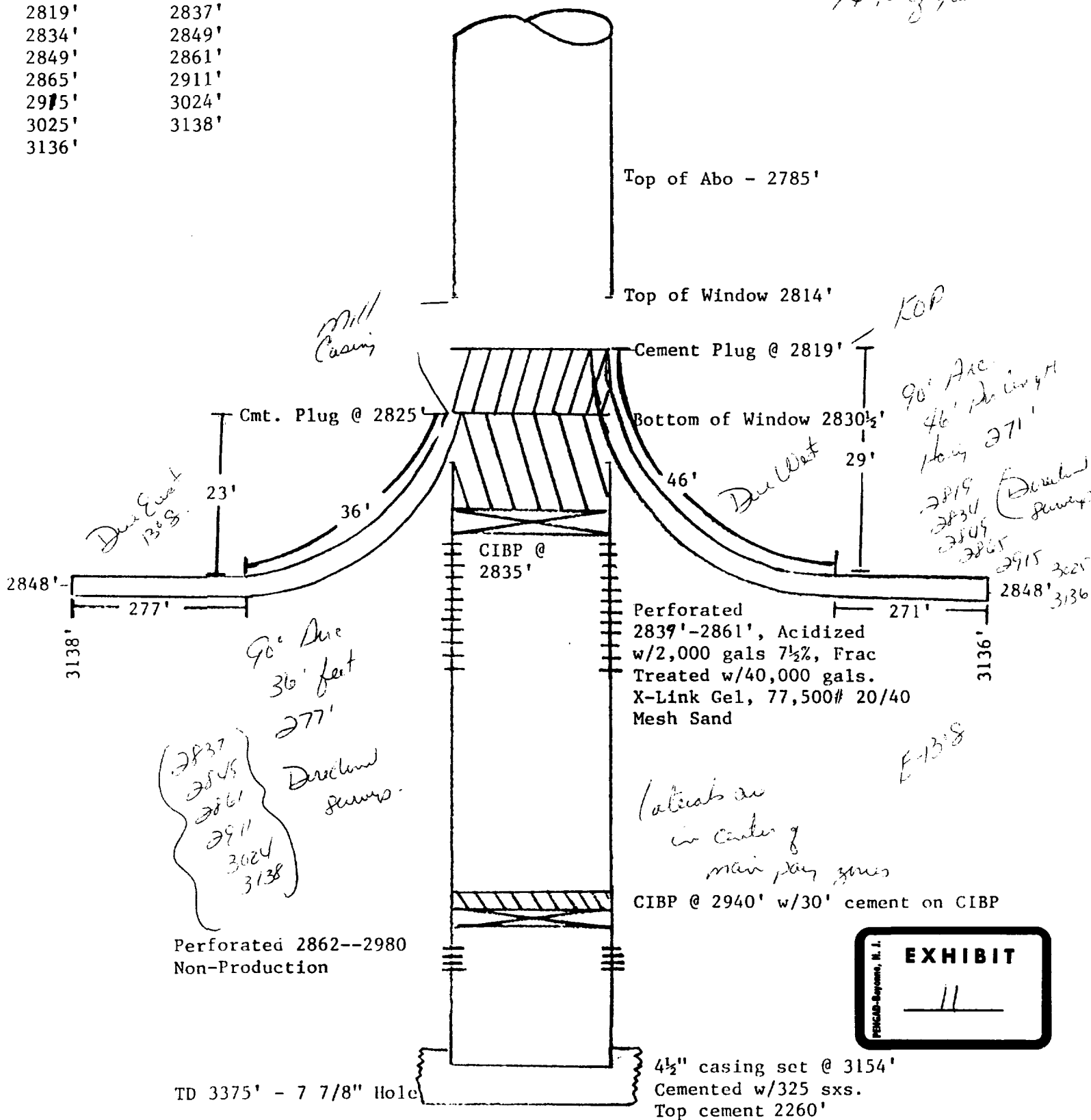
Directional surveys will be ran:

Present time
receive only
14% of 900

Arc #1 Arc #2

CASE # _____
EXHIBIT # _____

2819'	2837'
2834'	2849'
2849'	2861'
2865'	2911'
2915'	3024'
3025'	3138'
3136'	



McKay Oil Corporation
 McKay Harvey Federal #1
 SE/4 Sec. 17, T-9-S, R-25-E
 Chaves County, New Mexico
 Pecos Slope Abo

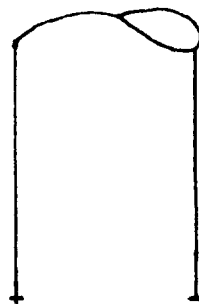
CAOF: 8554, BHP: 1102#
 SITP Test: 7-89, 24 hrs, 206#

Directional surveys will be ran:

11-89 Production - 1850 MCF
 11-89 Cumulative Prod. - 149,632 MCF
 Estimated Gross Reserves = 297,632 MCF
 Gross Reserves Volumetric 501,467 MCF

recom. 60%

Arc #1	Arc #2	CASE #
3729'	3745'	_____
3742'	3755'	EXHIBIT #
3755'	3765'	_____
3768'	3815'	
3818'	3930'	
3930'	4046'	
4043'		



Top of Abo- 3632'

Bottom of Abo- 4283'

Top of Window 3724'

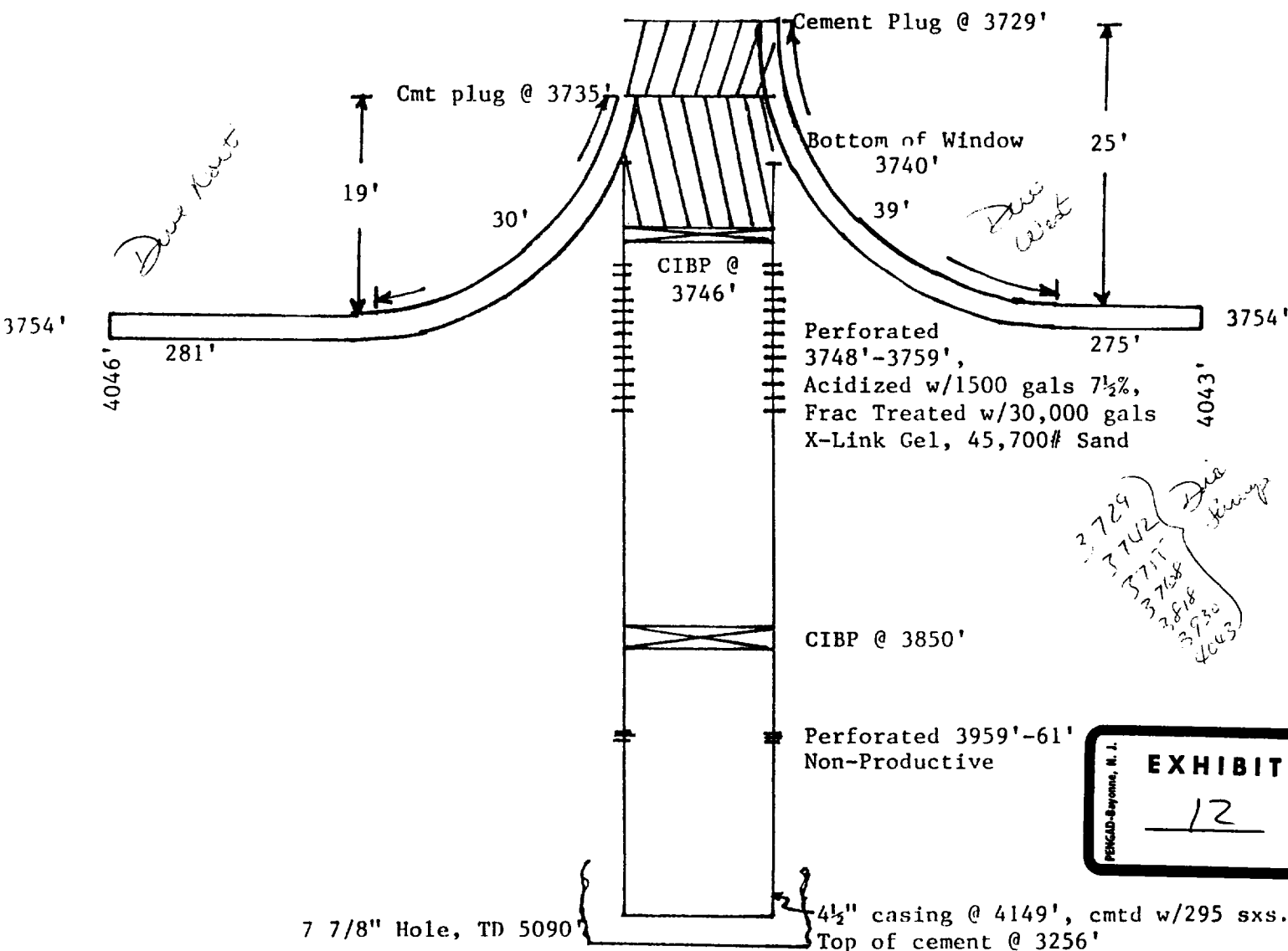


EXHIBIT
 12

7 7/8" Hole, TD 5090' 4 1/2" casing @ 4149', cmt'd w/295 sxs.
 Top of cement @ 3256'

HORIZON DRILLING &
EXPLORATION CORPORATION

P.O. Box 2487
Roswell, New Mexico 88201

623-9537

RECEIVED MAY 21 1984

March 2, 1984

McKay Oil Corporation
P.O. Box 2014
Roswell, New Mexico 88201

McKay - Harvey Federal #1
Section 17, T9S, R25E
Chaves County, New Mexico

Spudded 1/30/84

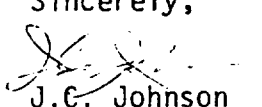
DEVIATION SURVEY:

555' - 3/4'
819' - 3/4'
1300' - 1'
1796' - 1-1/4'
2329' - 1-1/4'
2826' - 1-1/4'
3353' - 1-1/4'
4288' - 1-1/4'
4800' - 1-1/2'
5172' - 1-1/2'

TD - 5172'

Released 2/16/84

Sincerely,

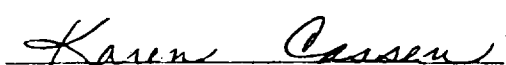

J.C. Johnson
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was
acknowledged before me this
14th day of May,
1984 by the person known to
me to be J.C. Johnson.

My Commission Expires:

3-31-85


Notary Public





GRANDE DRILLING CORPORATION

J.P. White Building
P.O. Box 2487
Roswell, New Mexico 88201
(505) 623-9537



April 1, 1988

McKay Oil Corporation
P.O. Box 2014
Roswell, NM 88201

Re: L.L. & E. Federal #3
NW/4, Section 12, T6S, R22E
Chaves County, New Mexico

Spud - 3/23/88

DEVIATION SURVEY

1/4"	@	586'
1/4"	@	936'
1/2"	@	1477'
1/2"	@	1970'
1/2"	@	2583'
1/2"	@	3013'
3/4"	@	3375'

TD - 3375'

Released - 3/31/88

Sincerely,

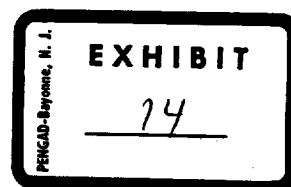
J.C. Johnson
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was
acknowledged before me this
1st day of April, 1988,
by the person known to me to
be J.C. Johnson.

My Commission Expires: 3/31/89

Notary Public



Schlumberger

COMPENSATED NEUTRON/LITHO DENSITY

CSU Field Log

COMPANY: MC KAY OIL CORPORATION

WELL: L.L. & E. FEDERAL #3

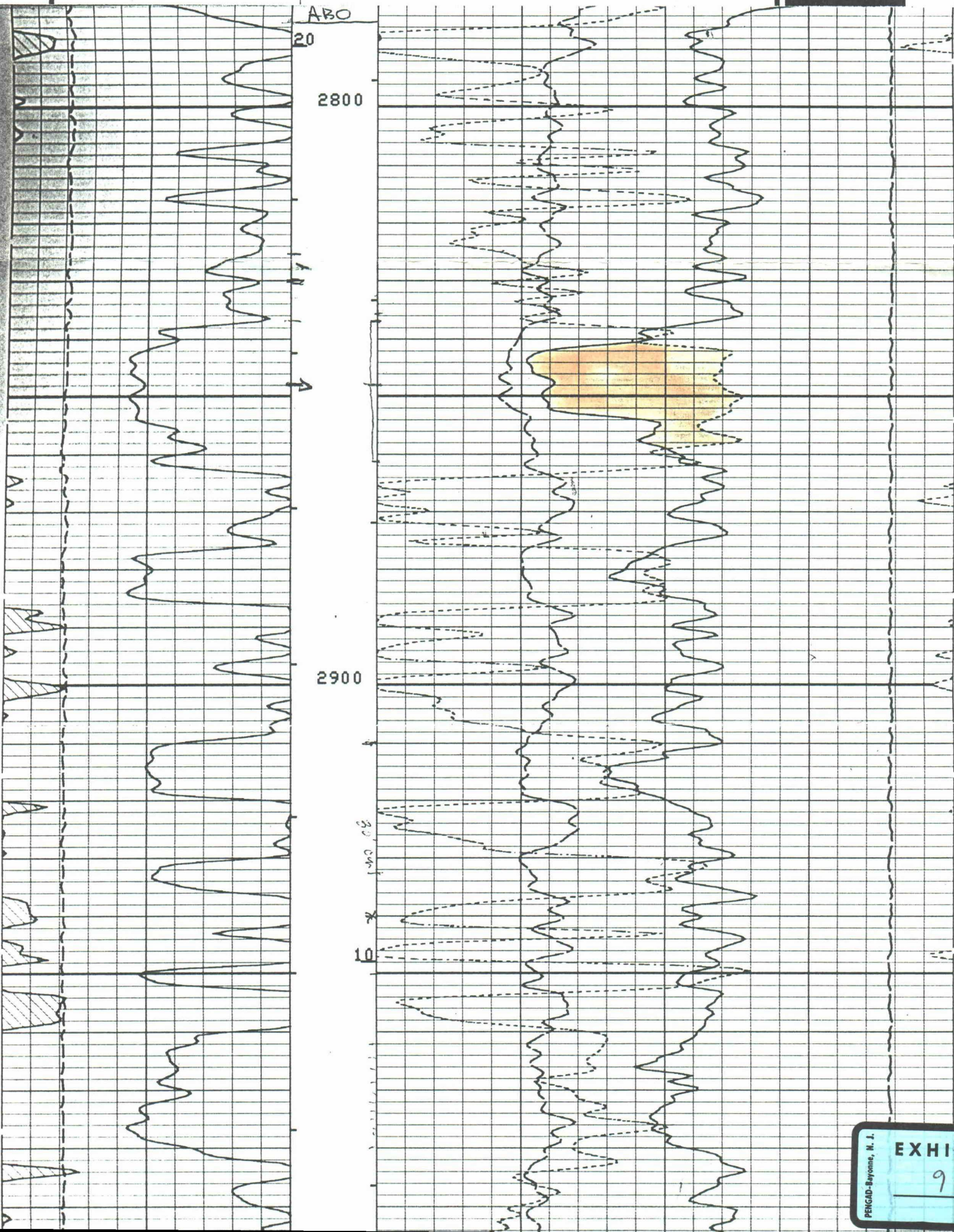
FIELD: W. PECOS SLOPE ABD
COUNTY: CHAVES
STATE: NEW MEXICO
NATION: U.S.A.
LOCATION: 1484' FWL & 660' FWL

SEC: 12 TWP: 6-S RGE: 22-E

PERMANENT DATUM: G.L.
ELEV. OF PERM. DATUM: 4177.0 F
LOG MEASURED FROM: K.B.
13.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: K.B.
ELEVATIONS-
KB: 4190.0 F
DF: 4189.0 F
GL: 4177.0 F

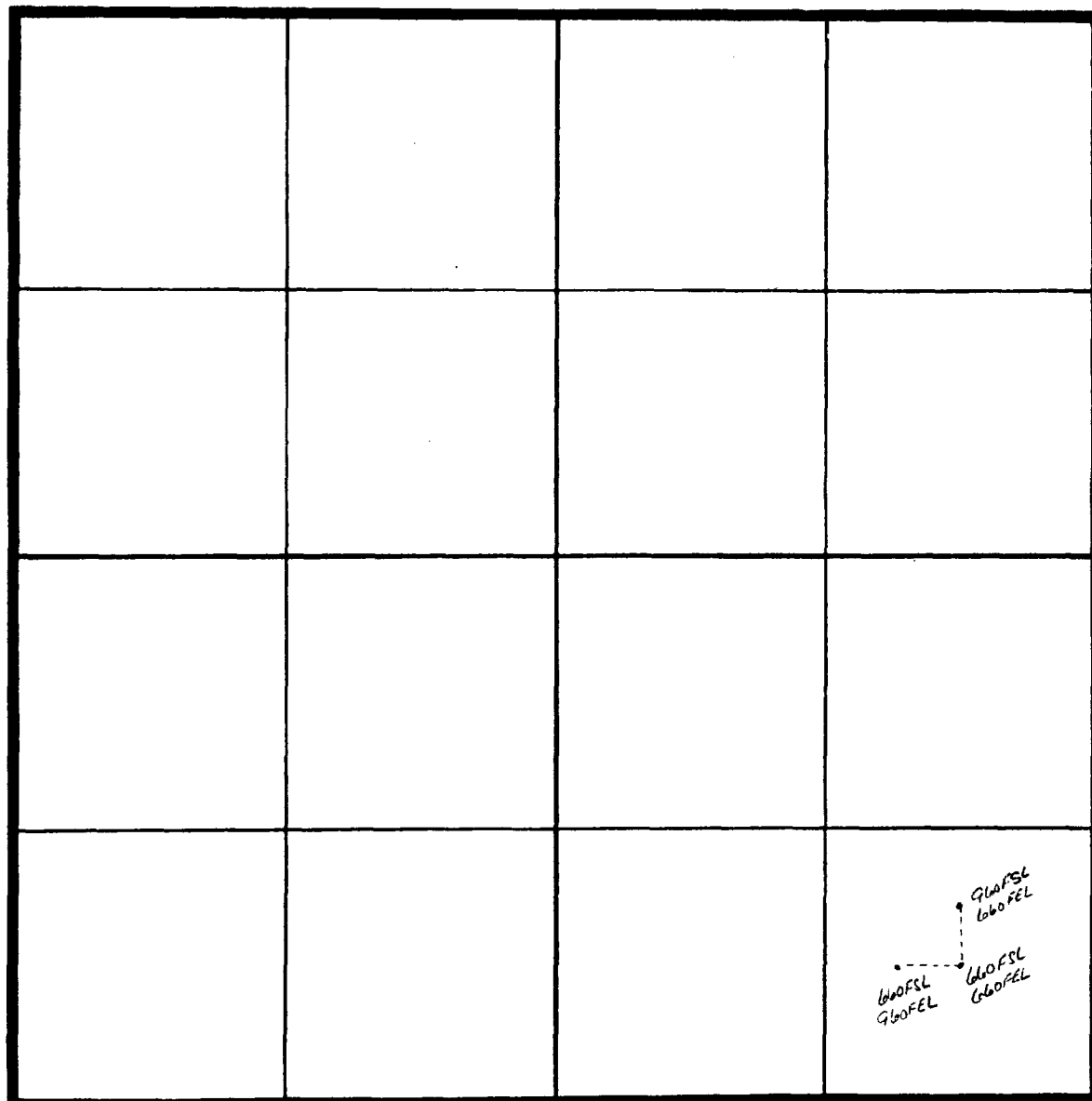
DATE: 29 MAR 88
RUN NO: ONE

DEPTH-DRILLER: 3375.0 F
DEPTH-LOGGER: 3305.0 F
BTM. LOG INTERVAL: 3272.0 F
TOP LOG INTERVAL: 2300.0 F
CASING-DRILLER: 920.0 F
CASING-LOGGER: 920.0 F
CASING: 8 5/8"
WEIGHT: 24.0000 LB/F
BIT SIZE: 7 7/8"
DEPTH:



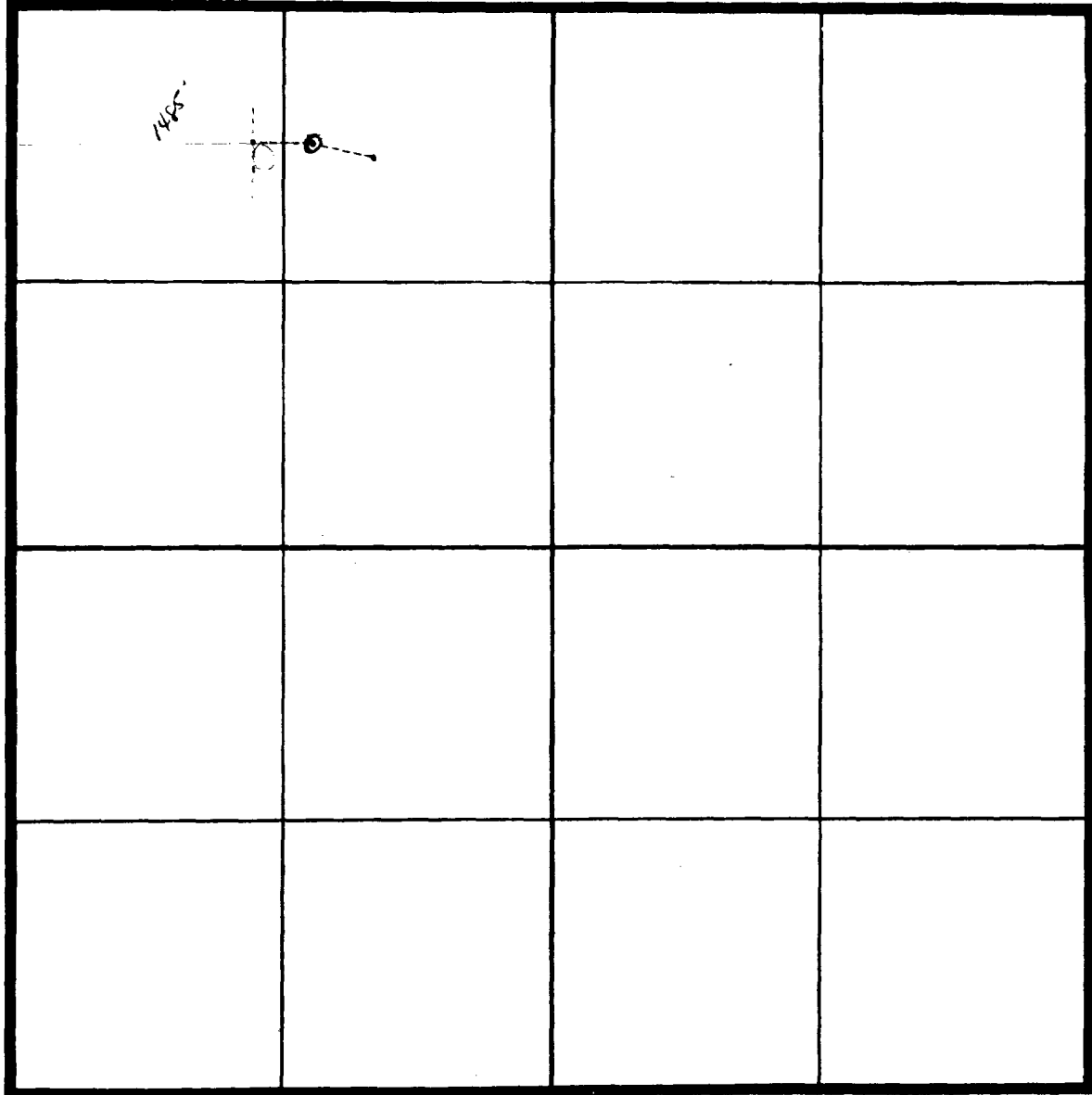
Sec. 17 Township No. 9 South of Range No. 25 East

McKay Harvey Fed No. 1



Sec. 12 Township No. 6 South of Range No. 20 East

N. 1/2 E Federal Well No. 3



Called in by Jim Schultz
12/11/89 623-4735
Memo From
FLORENE DAVIDSON
OC Staff Specialist

To January 10, 1990

McKay Oil Corporation
Chaves County

Horizontal Drilling

McKay Harvey Federal #1

SE/4 17-9S-25E

Drill horizontally from
wellbore to 448/5E

LL+E Federal #3

NW/4 12-6S-22E

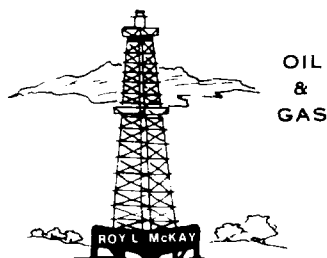
Drill horizontally from
wellbore to 448/N and
300 feet to the east

McKay Oil Corporation

ROY L. MCKAY, PRESIDENT

MAILING ADDRESS: P.O. BOX 2014 ROSWELL, N.M. 88202 • TELEPHONE 505 / 623 - 4735

STREET ADDRESS: ONE MCKAY PLACE ROSWELL, N.M. 88201 • FAX NO. 505 / 624 - 2202



January 9, 1990

State of New Mexico
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Attention: Victor Lyon

RE: Amendment to Application for Hearing
Unorthodox location
Rule 104, Well Spacing (F) Unorthodox Locations
Directional Drilling
Rule 111, Directional Drilling

Gentlemen:

This letter is to amend and correct a typographical error in the deviation point for the following well:

Well Name: McKay Harvey Federal #1
Surface Location: 660 FEL & 660 FSL
Section 17-9S-25E
Chaves County, NM

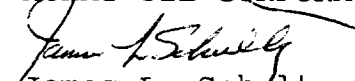
Deviation Points 960 FEL & 660 FSL ✓
660 FSL & 960 FEL

to read:

Deviation Points 960 FEL & 660 FSL ✓
660 FEL & 960 FSL

This correction does not require any additional notices be given to an offset operator which has not already been notified. The only offset operator is Yates Petroleum Corporation and they have received a true and correct copy of the official survey plat reflecting the above amended and corrected deviation point.

Very truly yours,
MCKAY OIL CORPORATION


James L. Schultz
V.P. Land & Legal



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

GARREY CARRUTHERS
GOVERNOR

December 14, 1989

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Mr. James L. Schultz
McKay Oil Corporation
P. O. Box 2014
Roswell, New Mexico 88202

Re: Directional Drilling

Dear Mr. Schultz:

Your letter dated December 12, received by FAX, requested an interpretation of the application of our rules to your proposed project and particularly the requirements for notice and hearing for two proposed well re-entries for purposes of drilling horizontal drain holes. By phone conversation your Mr. Schultz further advised the wells are in the Abo gas area and that you intend to drill two drain holes from each well, and all of the drilling will be conducted within standard well location limits on both gas proration units.

Because your request involves several rules, I will address the requirements of each of the most significant rules as they affect your plans. Please remember that this is not a comprehensive analysis of our rules, and you will be expected to be familiar and comply with all of our rules that are applicable to your project.

The McKay-Harvey No. 1 appears to be at both a standard surface and bottom hole location, so no exception to rule 104 is required for that well. While the LL&E Federal No. 3 is at an approved unorthodox surface location, one of your proposed drain holes crosses the quarter-quarter section line and will require approval as an unorthodox location under rule 104 even though it remains within the proration unit.

Under rule 111 you must obtain special permission from the Division to intentionally deviate from the vertical. Your request does not qualify for administrative approval and can only be granted after notice and hearing. You will also need to address the issue of having two drain holes from each well bore at the hearing. There is some question as to whether that should be considered a single well or two wells under our rules.

Your proposal is innovative, and we do not have in place any rules to address the specifics of horizontal drilling. Until we have been able to acquire enough information to hold a hearing and establish rules, we will treat each application on a case by case basis. If you bring the application to hearing, you should be prepared to present a very thorough case explaining your plans and objectives. You may bring the unorthodox location part of your application to the same hearing, as it is unlikely we would administratively approve that portion alone.

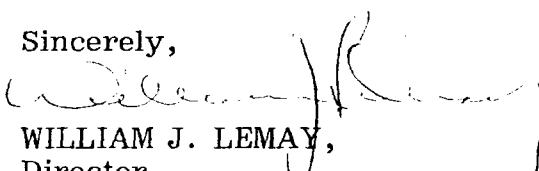
Since a hearing is required, legal notice is also required. I have reviewed the notice requirements with the Division counsel who advises that all of the notice

James L. Schultz
McKay Oil Corporation
December 14, 1989
Page 2

requirements of part N of our rules must be fully complied with. Rule 1204 requires notice to be published in a newspaper in Santa Fe and Chaves Counties. We do this as standard procedure. Your application would also be covered by rule 1207 (a) 8 which states that for any application "which may affect a property interest of other individuals or entities" the applicant shall give actual notice by certified mail.

The rule does not specify which interests are affected, but the Division counsel advises me that at the very least offset operators must receive actual notice of your application. Failure to give proper notice to affected persons could result in delay or denial of your application. You should consult with the your attorney for further information regarding the importance of the notice requirements.

Sincerely,


WILLIAM J. LEMAY,
Director

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO

TELECOPIER TRANSMITTAL SHEET

DATE: 12/14/89
TO: JAMES L. Schultz
FROM: Vic Lyon
PHONE NUMBER: _____

NUMBER OF PAGES (INCLUDING TRANSMITTAL SHEET): _____

IF YOU HAVE ANY PROBLEMS WITH THE TRANSMISSION, PLEASE CALL
(505) 827-5806.

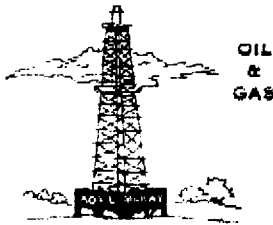
FAX NUMBER: (505) 827-5741

*Jim Schults**McKay Oil Corporation*

ROY L. MCKAY, PRESIDENT

MAILING ADDRESS: P.O. BOX 2014 ROSWELL, N.M. 88202 • TELEPHONE 805/623-4735

STREET ADDRESS: ONE MCKAY BLVD ROSWELL, N.M. 88201 • DAY NO. 805/623-4735

*Place**624-2202*

December 12, 1989

State of New Mexico
 Oil Conservation Division
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

Pecos Slope - also

Attention: Victor T. Lyon

RE: Directional Drilling

Gentlemen:

This letter is to request an administrative decision as to certain rules and regulations with regards to permission to reenter producing wells and directional drill within an orthodox location. It is the intent of McKay Oil Corporation to reenter the two wells as set forth below:

- | | | |
|-------------------|--------------|---|
| (1) Well Name: | | McKay-Harvey Fed. #1 |
| Surface Location: | | 660 FSL & 660 FEL
Sec. 17-9S-25E
Chaves County, NM |
| Deviation Points: | | 960 FSL & 660 FEL
660 FSL & 960 FEL |
| (2) Well Name: | | L. D. & E. Fed. #3 |
| Surface Location: | <i>pu 85</i> | 1405 FWL & 660 FNL
Sec. 12-6S-22E
Chaves County, NM |
| Deviation Points: | | 729 FNL & 1776 FWL
660 FNL & 1184 FWL |

The reason for the requested deviation of drilling is for the purpose of enhancement of gas recovery by means of creating controlled communication of natural fractures as opposed to uncontrolled communication by traditional frac technology. New Mexico Oil Conservation Division Rule 111 seems to be unclear as

LEASES

PRODUCTION

INVESTMENTS

DEC-12-89 TUE 16:03

1 505 624 2202

P.02

Page 2 of 2
Oil Conservation Division
December 11, 1989

to notification to offset operators with regards to the deviation for this reason. Paragraph (g) merely states that "permission to deviate a well in any manner or for any other reason not provided for in these rules will be granted only after notice and hearing." It appears that since the two wells were originally drilled on orthodox locations and the deviation points desired will be at orthodox locations, that no notification is necessary to offset operators.

Therefore, McKay Oil Corporation does hereby request an administrative clarification as to this matter. Your immediate attention to this matter would be greatly appreciated.

Very truly yours,

MCKAY OIL CORPORATION

Jim Schultz
James L. Schultz
V.P. Land & Legal

JLS/ml

