

**DOCKET: EXAMINER HEARING - THURSDAY - JULY 21, 1994**  
**8:15 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING**  
**SANTA FE, NEW MEXICO**

Dockets Nos. 22-94 and 23-94 are tentatively set for August 4, 1994 and August 18, 1994. Applications for hearing must be filed at least 23 days in advance of hearing date. The following cases will be heard by an Examiner:

**CASE 11003:** (Continued from June 23, 1994, Examiner Hearing.)

**Application of Hal J. Rasmussen Operating, Inc. for a pressure maintenance project, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project on its Farnsworth A Lease in Section 13, Township 26 South, Range 36 East, by the injection of water into the Seven Rivers formation, Scarborough Yates-Seven Rivers Pool, through its Farnsworth A Wells No. 1 and 2 located in Units A and P, respectively, of said Section 13. Said project is located approximately 4 miles south-southwest of Jal, New Mexico.

**CASE 11019:** **Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico.** Applicant, in the above-styled cause, seeks authorization to drill a well at an unorthodox gas well location 330 feet from the South line and 950 feet from the West line (Lot 4-Unit M) of Irregular Section 7, Township 22 South, Range 31 East, to test the Undesignated Cabin Lake-Morrow Gas Pool. Lots 3 and 4, the E/2 SW/4 and the SE/4 (S/2 equivalent) of said Section 7 are to be dedicated to said well to form a 319.81-acre gas spacing and proration unit. Said unit is located approximately 19 miles northeast by east of Malaga, New Mexico.

**CASE 11020:** **Application of Paloma Resources, Inc. for simultaneous dedication of, in the alternative, pool creation, pool contraction and for two non-standard gas proration units, Chaves County, New Mexico.** Applicant, in the above-styled cause, seeks an exception to Division General Rule 104.C(2) as outlined in Division Memorandum dated August 30, 1990, to authorize the concurrent production of its Peery Federal Well No. 2, located 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 29, Township 15 South, Range 30 East, and its Peery Federal Well No. 3, located 1820 feet from the South line and 2140 feet from the West line (Unit K) of said Section 29 and the simultaneous dedication of said wells to a standard 320-acre gas spacing and proration unit comprising the S/2 of said Section 29 for production from the Little Lucky Lake-Morrow Gas Pool. IN THE ALTERNATIVE, the applicant seeks the contraction of the Little Lucky Lake-Morrow Gas Pool by deleting the SE/4 of said Section 29 from said pool and the concomitant creation of a new Morrow gas pool to comprise said acreage. Further, the applicant requests the formation of two non-standard 160-acre gas spacing and proration units for Morrow gas production from the SE/4 and SW/4 of said Section 29. Said area is located approximately 11.5 miles north by east of Loco Hills, New Mexico,

**CASE 11021:** **Application of Mewbourne Oil Company 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 Morrow formation underlying the E/2 of Section 22, Township 20 South, Range 25 East, forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent, which presently includes but is not necessarily limited to the Undesignated Cemetery-Morrow Gas Pool or the Undesignated West Bubbling Springs-Morrow Gas Pool. Said unit is to be dedicated to a well to be drilled at a standard gas well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 5 miles south of Lakewood, New Mexico.

**CASE 11022:** **Application of Bass Enterprises Production Co., 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 Morrow formation underlying the S/2 of Section 12, Township 22 South, Range 30 East, forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent, which presently includes but is not necessarily limited to the Undesignated Northeast Livingston Ridge-Atoka Gas Pool and Undesignated Cabin Lake-Morrow Gas Pool. Said unit is to be dedicated to a well to be drilled at a standard gas well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 6 miles east of the IMC Potash Mine and Mill.

**CASE 10994:** (Continued from June 23, 1994, Examiner Hearing.)

**Application of Enserch Exploration, Inc. for the assignment at a special depth bracket oil allowable, Roosevelt County, New Mexico.** Applicant, in the above-styled cause, seeks a special depth bracket oil allowable, pursuant to General Rule 505(d), of 500 barrels of oil per day for the South Peterson-Fusselman Pool, which is located in portions of Townships 5 and 6 South, Ranges 32 and 33 East, being approximately 14 miles east of Kenna, New Mexico.

- CASE 11023:** Application of AnSon Gas Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Strawn formation, underlying the SE/4 NW/4 (Unit F) of Section 33, Township 16 South, Range 38 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre oil spacing within said vertical extent. Said unit is to be dedicated to the proposed Mary "33" Well No. 1 to be drilled at a standard oil well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 3 miles north-northwest of Knowles, New Mexico.
- CASE 11024:** Application of AnSon Gas Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Strawn formation, underlying the NE/4 SW/4 (Unit K) of Section 33, Township 16 South, Range 38 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre oil spacing within said vertical extent. Said unit is to be dedicated to the proposed Lawrence "33" Well No. 1 to be drilled at a standard oil well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 3 miles north-northwest of Knowles, New Mexico.
- CASE 11025:** Application of AnSon Gas Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Strawn formation, underlying the NW/4 SE/4 (Unit J) of Section 33, Township 16 South, Range 38 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre oil spacing within said vertical extent. Said unit is to be dedicated to the proposed Anderson "33" Well No. 1 to be drilled at a standard oil well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 3 miles north-northwest of Knowles, New Mexico.
- CASE 11026:** Application of AnSon Gas Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Strawn formation, underlying the NW/4 NE/4 (Unit B) of Section 8, Township 17 South, Range 38 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre oil spacing within said vertical extent. Said unit is to be dedicated to the proposed Schaap "8" Well No. 1 to be drilled at a standard oil well location thereon. 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 the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 2.5 miles west-northwest of Knowles, New Mexico.
- CASE 11027:** Application of Enron Oil & Gas Company for unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authorization to drill a well at an unorthodox oil well location 990 feet from the South and West lines (Unit M) of Section 7, Township 25 South, Range 34 East, to test the Undesignated Red Hills-Bone Spring Pool. The W/2 SW/4 of said Section 7 is to be dedicated to said well forming a standard 80-acre spacing and proration unit for said pool. Said unit is located approximately 19 miles west by north of Jal, New Mexico.
- CASE 11028:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle South Blanco-Pictured Cliffs Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its State Com Well No. 47, located 1760 feet from the South line and 835 feet from the West line (Unit L) of Section 2, Township 27 North, Range 8 West, which is located approximately 13 miles southeast by east of Blanco, New Mexico.
- CASE 11029:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Blanco-Pictured Cliffs Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its State Com "G" Well No. 2A, located 1650 feet from the South and East lines (Unit J) of Section 32, Township 29 North, Range 8 West, which is located approximately 8 miles east-southeast of Blanco, New Mexico.
- CASE 11030:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Blanco-Pictured Cliffs Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its State Com "R" Well No. 14, located 940 feet from the South line and 990 feet from the West line (Unit M) of Section 36, Township 30 North, Range 9 West, which is located approximately 6 miles east-northeast of Turley, New Mexico.

- CASE 11031:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Blanco-Pictured Cliffs Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its State Com "Q" Well No. 13A, located 1500 feet from the South line and 1450 feet from the East line (Unit J) of Section 36, Township 29 North, Range 8 West, which is located approximately 12 miles east by south of Blanco, New Mexico.
- CASE 11032:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Blanco-Pictured Cliffs Pool, Blanco-Mesaverde Pool, and Glades-Fruitland Sand Pool gas production within the wellbore of its State Com "S" Well No. 15A, located 790 feet from the North line and 1150 feet from the West line (Unit D) of Section 36, Township 32 North, Range 12 West, which is located approximately 8 miles east by north of La Plata, New Mexico.
- CASE 11033:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Basin-Dakota Pool gas production with Glades-Fruitland Sand Pool gas production within the wellbore of its State Com "AJ" Well No. 34E, located 1185 feet from the South line and 1485 feet from the West line (Unit N) of Section 36, Township 32 North, Range 12 West, which is located approximately 8 miles east by north of La Plata, New Mexico.
- CASE 11034:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Basin-Dakota Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its State Com "AK" Well No. 35, located 790 feet from the North line and 1700 feet from the East line (Unit B) of Section 36, Township 32 North, Range 12 West, which is located approximately 8 miles east by north of La Plata, New Mexico.
- CASE 11035:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Blanco-Mesaverde Pool gas production with Otero-Chacra Pool gas production within the wellbore of its Graham "C-WN" Federal Well No. 1A, located 1050 feet from the South line and 1600 feet from the East line (Unit 0) of Section 9, Township 27 North, Range 8 West, which is located approximately 12.5 miles southeast by south of Blanco, New Mexico.
- CASE 11036:** Application of Conoco Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Basin-Dakota Pool gas production with Blanco-Mesaverde Pool gas production within the wellbore of its Bruington Well No. 15E, located 1650 feet from the North line and 1740 feet from the West line (Unit F) of Section 15, Township 30 North, Range 11 West, which is located approximately 1 mile southeast of Aztec, New Mexico.
- CASE 11037:** Application of Yates Energy Corporation for an unorthodox gas well location and non-standard gas proration unit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authorization to drill a well at an unorthodox gas well location 1680 feet from the South line and 330 feet from the West line (Lot 5-Unit L) of Irregular Section 12, Township 22 South, Range 25 East, to test the Undesignated Revelation Morrow Gas Pool. Lots 4, 5, 6 and 7 and the SE/4 (S/2 equivalent) of said Section 12 is to be dedicated to said well to form a non-standard 332.74-acre gas spacing and proration unit. Said unit is located approximately 7 miles west of Carlsbad, New Mexico.
- CASE 11038:** Application of Meridian Oil Inc. for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks exceptions from Division General Rule 303(C) to establish on an area-wide basis authorization for downhole commingling of Dakota, Mesaverde and Gallup gas production in the wellbores of existing or future wells drilled anywhere within Sections 26 through 30, 33, 34 and S/2 of 35 in Township 26 North, Range 6 West, said production being portions of the Basin-Dakota Pool, the Blanco Mesaverde Pool and Undesignated Gallup production. The center of said area is located approximately 4 miles southeast of El Paso Natural Gas Company Largo Station, New Mexico.
- CASE 11039:** Application of Meridian Oil Inc. for downhole commingling and an unorthodox coal gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval to downhole commingle Aztec-Pictured Cliffs Pool and Basin-Fruitland Coal Gas Pool production within the wellbore of its existing Fifield Well No. 2, located 1650 feet from the South line and 1090 feet from the East line (Unit I) Section 5, Township 29 North, Range 11 West. Said well is considered to be an "off-pattern" unorthodox coal gas well location and is to be dedicated to a 305.92-acre gas spacing unit for the Basin-Fruitland Coal Gas Pool comprising Lots 1 and 2, the S/2 NE/4 and SE/4 (E/2 equivalent) of said Section 5. Said well is located approximately 3.5 miles north northwest of Bloomfield, New Mexico.

**CASE 11040:** Application of Maralo Inc. for the creation of a new pool in the Bone Spring formation, classification of this pool as an associated oil and gas pool and for the promulgation of special pool rules therefor, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool in the Bone Spring formation in the NE/4 of Section 32, Township 20 South, Range 28 East, to be classified as an "associated pool" and to adopt the "General Rules and Regulations for the Associated Oil and Gas Pools in Northwest and Southeast New Mexico", as promulgated by Division Order No. R-5353, as amended, as the governing procedures for said pool and to include provisions for 80-acre oil and 160-acre gas spacing and proration units. Further, the applicant requests an increased gas-oil ratio limitation of 8,000 cubic feet of gas per barrel of oil for said pool. Said area is located approximately 14 miles east southeast of Seven Rivers, New Mexico.

**CASE 11041:** Application of PG&E Resources Company for pool creation, special pool rules and a discovery allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the Strawn formation comprising the S/2 SW/4 of Section 15, Township 16 South, Range 36 East, and the promulgation of special rules therefor including provisions for 80-acre spacing and proration units and designated well location requirements. Applicant further seeks the assignment of an oil discovery allowable for its Smith "15" Well No. 1 located 660 feet from the South line and 1980 feet from the West line (Unit N) of said Section 15. Said area is located approximately 2 miles south from the center of Lovington, New Mexico.

**CASE 11042:** Application of Meridian Oil Inc. for salt water disposal, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its Jillison Federal SWD Well No. 1 in the SE/4 NW/4 (Unit F) of Section 8, Township 24 North, Range 3 West, for the purpose of disposing produced salt water into the Entrada formation through perforations from approximately 8441 feet to 8683 feet. Said location is approximately 6 miles west-northwest of Lindrith, New Mexico.

**CASE 11043:** Application of J. K. Edwards Associates, Inc. for salt water disposal, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to utilize its Bengal "A" Well No. 1, located 1980 feet from the South and West lines (Unit K) of Section 1, Township 26 North, Range 12 West, to dispose of produced salt water into the Gallegos-Gallup Associated Pool through the perforated interval from approximately 4993 feet to 5174 feet. Said well is located approximately 16.5 miles southeast by east of Farmington, New Mexico.

**CASE 11044:** In the matter of the application of the Oil Conservation Division upon its own motion for an order creating and extending certain pools in Eddy County, New Mexico.

- (a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Corral Draw-Bone Spring Pool. The discovery well is the Pogo Producing Company H. Buck State Well No. 1 located in Unit J of Section 16, Township 24 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 29 EAST, NMPM  
Section 16: SE/4

- (b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Hackberry Hills-Atoka Gas Pool. The discovery well is the Mewbourne Oil Company Federal N Well No. 1 located in Unit M of Section 6, Township 22 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM  
Section 6: W/2

- (c) EXTEND the West Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM  
Section 34: E/2

- (d) EXTEND the East Avalon-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 11: SW/4

- (e) EXTEND the North Black River-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM

Section 25: S/2  
Section 26: SE/4

- (f) EXTEND the Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 27: S/2

- (g) EXTEND the South Burton-Yates Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 21: SE/4

- (h) EXTEND the South Carlsbad-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM

Section 16: S/2  
Section 21: N/2

- (i) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM

Section 29: SE/4

- (j) EXTEND the South Golden Lane-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM

Section 16: SE/4

- (k) EXTEND the Happy Valley-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM

Section 34: W/2

- (l) EXTEND the Indian Basin-Upper Pennsylvanian Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM

Section 2: E/2

- (m) EXTEND the Ingle Wells-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM

Section 3: NE/4

- (n) EXTEND the Los Medanos-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM

Section 8: NE/4  
Section 17: NW/4

- (o) EXTEND the Malaga-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM

Section 15: NW/4  
Section 16: NE/4

- (p) EXTEND the Old Millman Ranch-Bone Spring Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 3: NE/4

- (q) EXTEND the South Sand Dunes-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
Section 7: NE/4  
Section 8: NW/4

- (r) EXTEND the Willow Lake-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM  
Section 1: NE/4

**CASE NO.**

1 1 0 3 2

**LEASE & WELL NAME**

STATE COM S NO. 15A

**LOCATION**

790' FNL & 1150' FWL

SEC. 36, T-32N, R-12W

SAN JUAN COUNTY

**POOLS TO BE DOWNHOLE COMMINGLED**

Glades Fruitland Sand  
Blanco Pictured Cliffs  
Blanco Mesaverde

**STATE LEASE NOS. AT WELL LOCATION**

Fruitland Sand: E-3151  
Pictured Cliffs: E-3151  
Mesaverde: E-3151

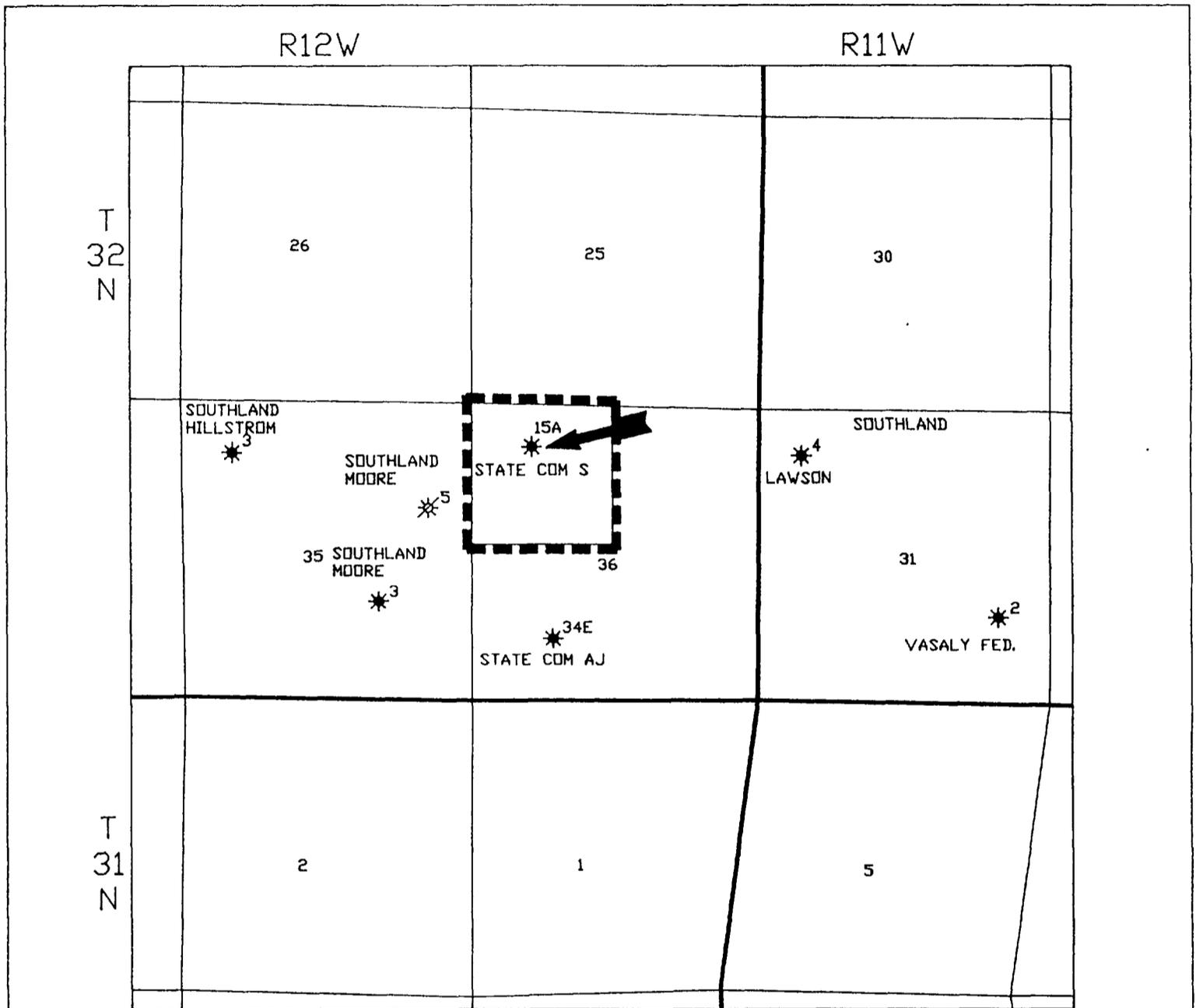
**SPACING UNITS**

Fruitland Sand: NW/4, Sec. 36 -- 160 acres  
Pictured Cliffs: NW/4, Sec. 36 -- 160 acres  
Mesaverde: N/2, Sec. 36 -- 320 acres

BEFORE AN EXAMINER OF THE  
OIL CONSERVATION DIVISION

EXHIBIT NO. 1  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

*Exhibits 1 through 10  
complete set*

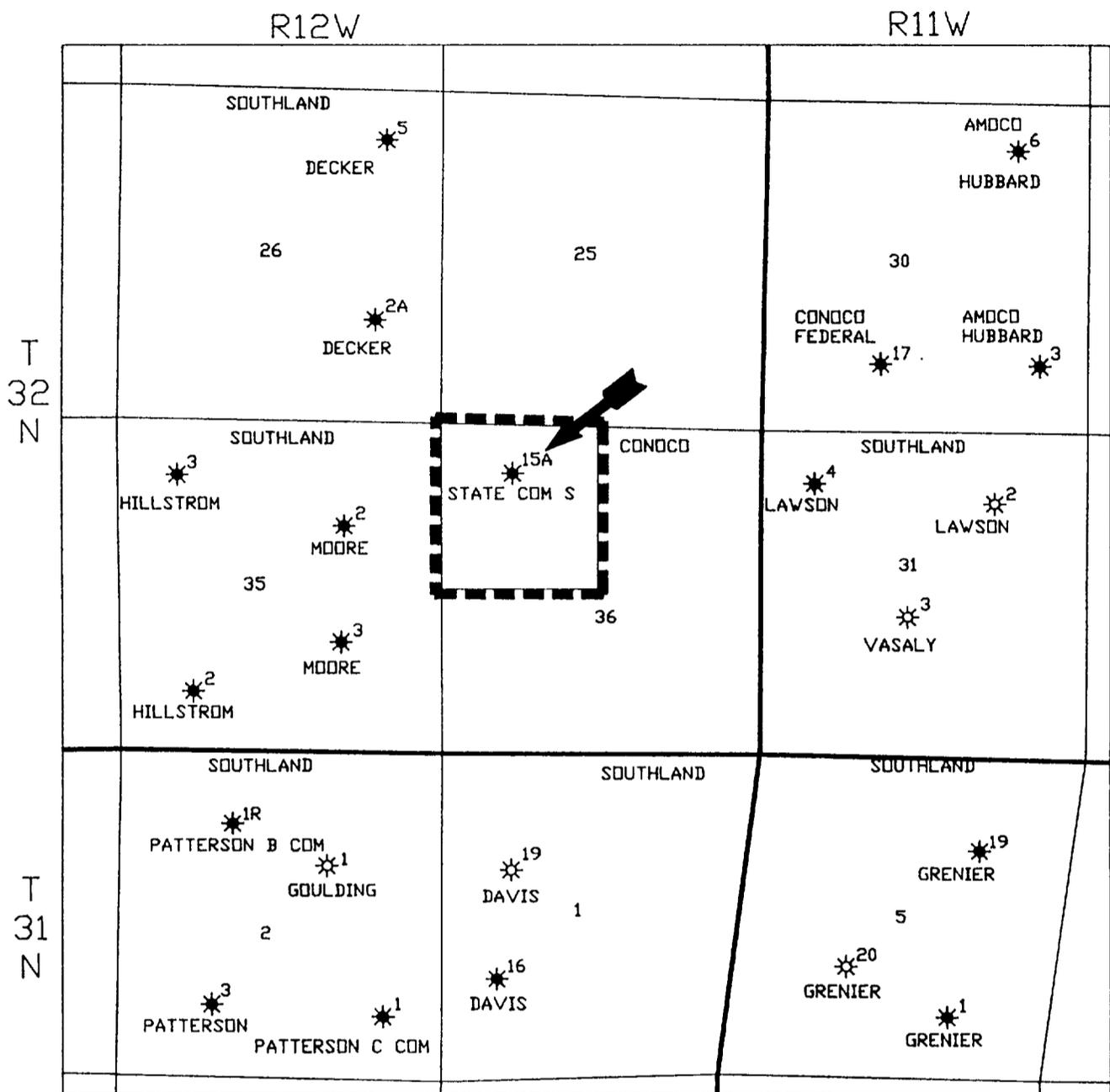


----- FRUITLAND SAND PRORATION UNIT

	
EPNGNA MIDLAND DIVISION	
STATE COM S #15A FRUITLAND SAND WELLS	
DRAWING NO. PL1147	

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 2-A  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994

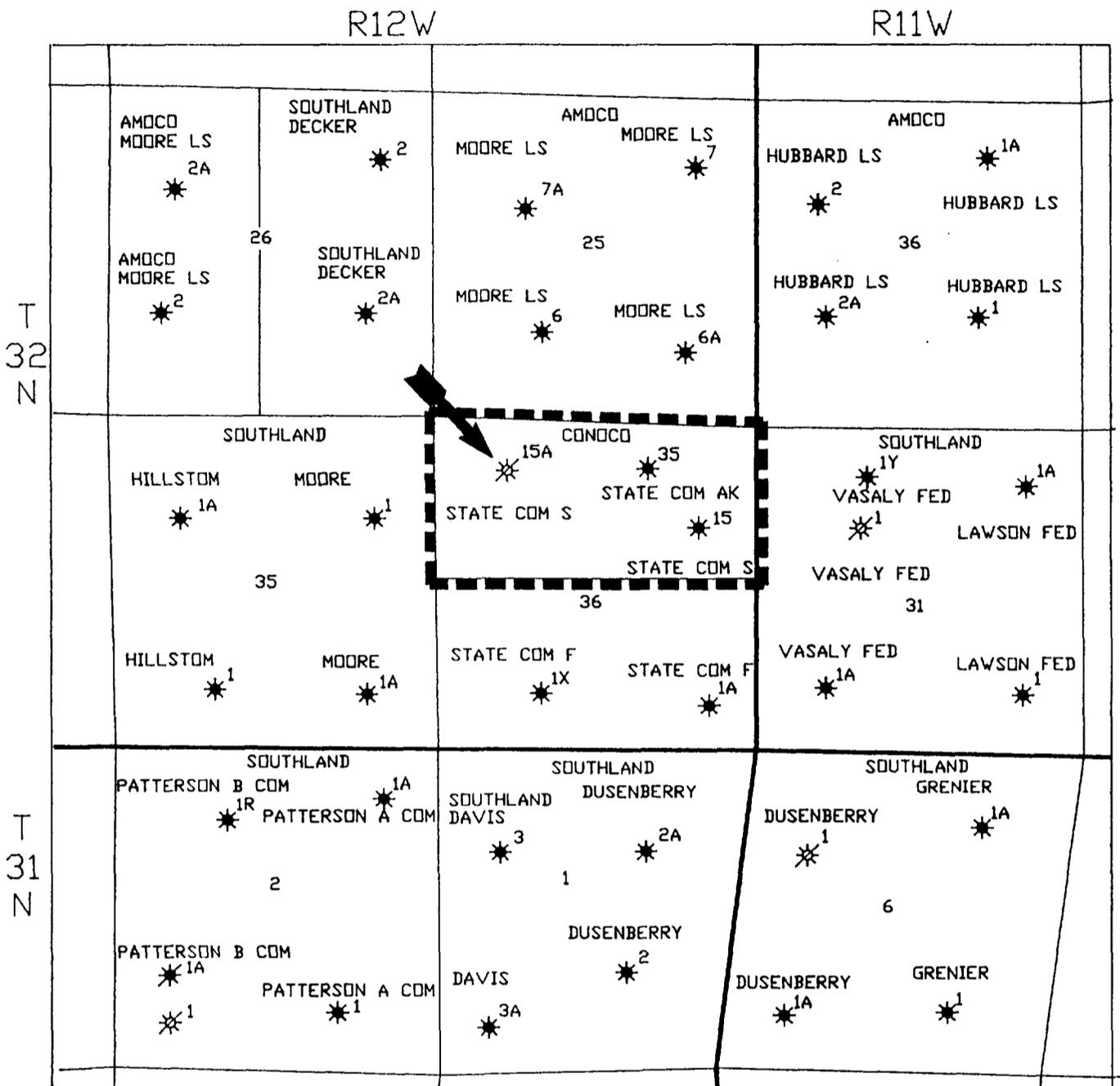


----- PICTURED CLIFF WELLS UNIT

	
EPNGNA MIDLAND DIVISION	
STATE COM S #15A PICTURED CLIFF WELLS	
DRAWING NO. PL1146	

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 2-B  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994



----- MESAVERDE PRORATION UNIT

<b>CONOCO</b>		EPNGNA MIDLAND DIVISION
STATE COM S #15A MESAVERDE WELLS		
		DRAWING NO. PL1145

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 2-C  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

State Com S 15-A 36-32N-12W Pictured Cliffs / Fruitland (NW/4) Mesaverde (N/2)	Interest Type*	Pictured Cliffs / Fruitland Sand	Interest Type*	Mesaverde
Conoco Inc.	W	0.57745280	W	0.38123080
Tipperary Oil & Gas Corp.	W	0.04930750	W	0.09861510
America West 1993 LLC	W	0.02062500	W	0.04125000
RKC Inc.	W	0.03335400	W	0.06670810
Central Resources Inc.	W	0.09007280	W	0.18014560
Petrox Consulting Inc.	W	0.01289080	W	0.02578130
Conoco A/C Mesa Royalty Trust	CWI	0.06625990	CWI	0.04374450
Conoco A/C Shirley Bernstein	CWI	0.00001550	CWI	0.00001020
Conoco A/C Atwell & Company	CWI	0.00001760	CWI	0.00001160
Conoco A/C Kathleen B. Lipkins	CWI	0.00000420	CWI	0.00000280
Commissioner of Public Lands	R	0.12500000	R	0.12500000
Charles B. Gonzales	ORRI	0.00000000	ORRI	0.00625000
Ben Dasby Jr.	ORRI	0.00312500	ORRI	0.00625000
Michael Fitz-Gerald et. al Co-Trustees	ORRI	0.00312500	ORRI	0.00625000
Chilegram	ORRI	0.01250000	ORRI	0.00625000
Sharon McAdams Steinberg	ORRI	0.00625000	ORRI	0.01250000

\* LEGEND:

W = Working Interest  
CWI = Carried Working Interest  
R = Royalty Interest  
O = Overriding Royalty Interest

BEFORE AN EXAMINER OF THE  
OIL CONSERVATION DIVISION

EXHIBIT NO. 3  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

4a. Article Number  
2 111 016 199

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6-22-94

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

RKC Inc.  
1527 Hillside Road  
Fairfield, CT 06430-2013

4a. Article Number  
2 111 016 074

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

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- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Commissioner of Public Lands  
State of New Mexico  
P.O. Box 1148  
Santa Fe, NM 87504-1148

4a. Article Number  
2 111 016 197

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Southland Royalty Company  
% Meridian Oil Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

4a. Article Number  
2 111 016 198

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6-22-94

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Tipperary Oil and Gas Corporation  
633 17th Street, Suite 1550  
Denver, CO 80202

4a. Article Number  
2 111 016 195

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Michael Fitz-Gerald and  
James Fitz-Gerald, III  
Co-Trustees U/W/O Ben R. Danshy  
P.O. Box 710  
Midland, TX 79702-0710

4a. Article Number  
2 111 016 196

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6-21-94

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Ben Danshy, Jr.  
P.O. Box 710  
Midland, TX 79702-0710

4a. Article Number  
2 111 016 193

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6-21-94

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Central Resources, Inc.  
1000 The Conner Center  
1776 Lincoln Street  
Denver, CO 80203

4a. Article Number  
2 111 016 194

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 \* U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 4  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Charles B. Gonsales  
P.O. Drawer 2509  
Santa Fe, NM 87504-2509

4a. Article Number  
2 111 016 188

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)  
*Charles B. Gonsales*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Sharon McAdams Steinberg  
1058 Palm Street  
Seguin, TX 78155-3255

4a. Article Number  
2 111 016 192

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)  
*Sharon M. Steinberg*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
America West Gas 1993 L.L.C.  
1776 Lincoln Street, Suite 1016  
Denver, CO 80203-1027

4a. Article Number  
2 111 016 189

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 24 1994

5. Signature (Addressee)  
*Greg Froude*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Petrox Consulting Inc.  
9307 Weld County Road 28  
Playaville, CO 80651

4a. Article Number  
2 111 016 191

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 24 1994

5. Signature (Addressee)  
*Sharon Clark*

6. Signature (Agent)  
*[Signature]*

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Conoco A/C Atwell & Company  
% United States Trust Co.  
of New York  
Box 456, Wall Street Station  
New York, NY 10005

4a. Article Number  
2 111 016 186

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 23 1994

5. Signature (Addressee)  
*[Signature]*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Conoco A/C Kathleen B. Lipkins  
654 Madison Avenue  
New York, NY 10021-8404

4a. Article Number  
2 111 016 187

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6/24/94

5. Signature (Addressee)  
*[Signature]*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

REGISTERED NO. R491047194

POSTMARK OF [Stamp]

Post Office Completion  
 Reg. Fee \$ [ ] Special Delivery \$ [ ]  
 Handling Charge \$ [ ] Return Receipt \$ [ ]  
 Postage \$ 9.60 Restricted Delivery \$ [ ]  
 Received by [Signature]

Customer must declare full value \$ [ ]  
 With Postal Insurance  Without Post Insurance at Insurance \$25,000 Domestic Ins. Limit

Customer Completion  
 FROM: Conoco A/C  
 TO: 654 Madison Avenue  
 New York, NY 10021-8404

PS Form 3806, RECEIPT FOR REGISTERED MAIL (Customer Copy) June 1986 (See Information on Reverse)

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Conoco A/C Shirley Bernstein  
654 Madison Avenue  
New York, NY 10021-8404

4a. Article Number  
2 111 016 185

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6/24/94

5. Signature (Addressee)  
*[Signature]*

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Conoco A/C Mesa Royalty Trust  
P.O. Box 1267  
Ponca City, OK 74602-1267

4a. Article Number  
2 111 016 181

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Submit 2 copies to Appropriate District Office.  
DISTRICT I  
P.O. Box 1960, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**GAS - OIL RATIO TEST**

Operator	Pool		County	Average Daily Rates for April, 1994	Special							
	Blanco Mesaverde, Blanco Pictured Cliffs, & Glades Fruitland Sand	San Juan										
Address	10 Desta Drive, Ste 100W, Midland, TX 79705	TYPE OF TEST - (A)	Scheduled	Completion								
LEASE NAME	WELL NO.	LOCATION			CHOKER SIZE	TBO. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU FT/BSL
		U	S	T					R	WATER BBL.S.	GRAV. OIL	
State Com S (Fruitland Sand)	15A	D	36	32N	12W	--	N/A	--	--	--	48	--
State Com S (Pictured Cliffs)	15A	D	36	32N	12W	--	N/A	--	--	--	20	--
State Com S (Mesaverde)	15A	D	36	32N	12W	F	Not currently producing due to fluid loading. Estimated potential rate determined from last normal flow periods.	--	--	--	100	--

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

**Instructions:**

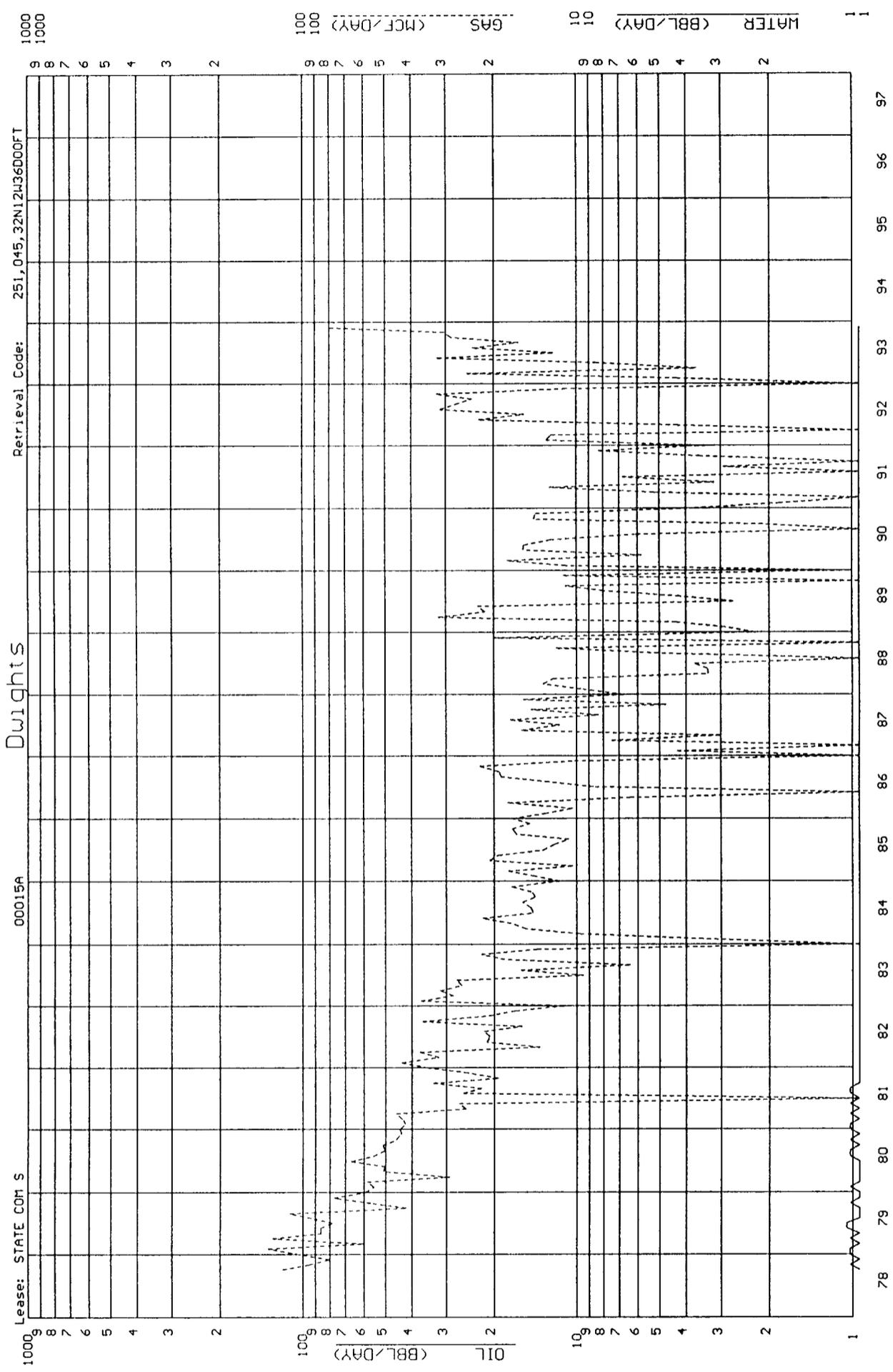
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.  
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.  
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

Signature: Sr. Conservation  
Jerry W. Hoover, Coordinator  
Printed name and title  
6/17/94 (915) 686-6548  
Date Telephone No.

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 5  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994



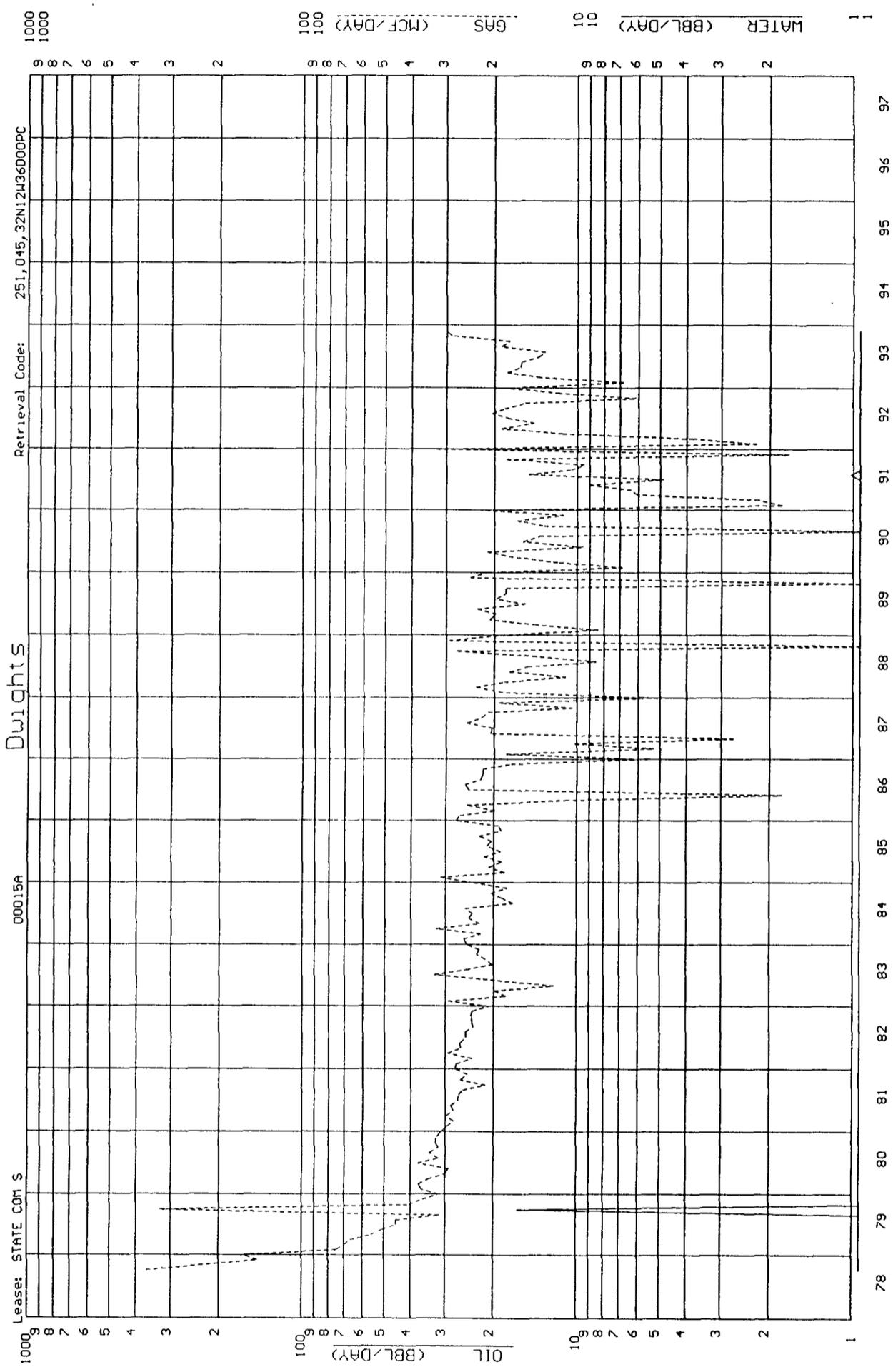
County: SAN JUAN State: NM  
 Field: GLADES (FRUITLAND) FT  
 Reservoir: FRUITLAND  
 Operator: CONOCO INC  
 Oil Cum: 0 Gas Cum: 131455  
 Location: 36D 32N 12W

F.P. Date 09-78

Date: 05-13-94

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 6-A  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994



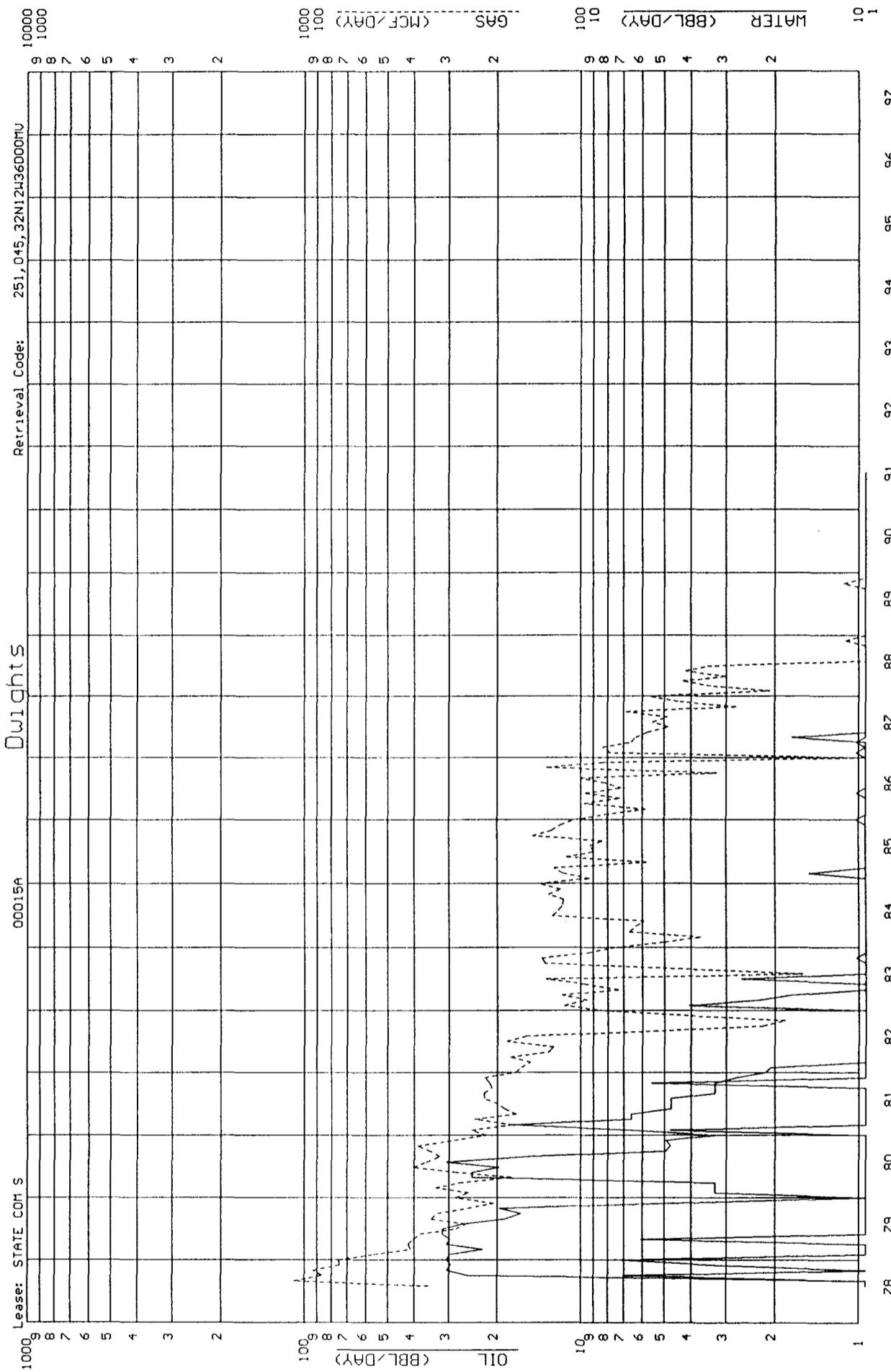
County: SAN JUAN State: NH  
 Field: BLANCO (PICTURED CLIFFS) PC  
 Reservoir: PICTURED CLIFFS  
 Operator: CONOCO INC  
 Oil Cum: 31 Gas Cum: 153527  
 Location: 36D\_32N\_12W

F.P. Date 09-78

Date: 05-13-94

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 6-B  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994



County: SAN JUAN  
 Field: BLANCO (MESAUERDE) MU  
 Reservoir: MESAUERDE  
 Operator: CONOCO INC  
 Oil Cum: 1243 Gas Cum: 661883  
 Location: 36D 32N 124

State: NM

Date: 05-13-94

F.P. Date 07-78

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 6-C  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994

EL PASO NATURAL GAS COMPANY  
 VOLUME ACCOUNTING DEPARTMENT  
 MEASUREMENT DIVISION  
 POST OFFICE BOX 1492  
 EL PASO, TEXAS 79978  
 PHONE: (915) 541-5267  
 CHROMATOGRAPHIC GAS ANALYSIS REPORT

DATE 8/07/93

MAILEE  
 23035

CONOCO INCORPORATED  
 ATTN: GAS MEASUREMENT  
 7415 EAST MAIN  
 FARMINGTON, NM 87402-9999

METER NUMBER 90098 - STATE COM S #15A Fruitland Sand  
 OPERATOR 0286 - CONOCO - MESA OPERATING LTD

ANALYSIS DATE 7/21/93 TYPE CODE 2 - ACTUAL  
~~START DATE~~ 7/20/93 H2S GRAINS 0  
 EFFECTIVE DATE 8/01/93 LOCATION D - DANIELS FM  
 EFFECTIVE FOR 6 MONTHS

COMPONENTS	NORMALIZED MOL %	GPM
CO2	1.73	.000
H2S	.00	.000
N2	.25	.000
METHANE	87.28	.000
ETHANE	6.07	1.824
PROPANE	2.46	.878
ISO-BUTANE	.82	.203
NORM-BUTANE	.82	.269
ISO-PENTANE	.27	.099
NORM-PENTANE	.17	.062
HEXANE PLUS	.33	.144
	100.00	3.088

SPECIFIC GRAVITY .665  
 MIXTURE HEATING VALUE  
 (BTU @ 14.73 DRY) 1138  
 RATIO OF SPECIFIC HEATS .000  
 NO TEST SECURED FOR H2S CONTENT

BEFORE AN EXAMINER OF THE  
 OIL CONSERVATION DIVISION

EXHIBIT NO. 7-A  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994

EL PASO NATURAL GAS COMPANY  
 VOLUME ACCOUNTING DEPARTMENT  
 MEASUREMENT DIVISION  
 POST OFFICE BOX 1482  
 EL PASO, TEXAS 79978

PHONE: (915) 841-8287

DATE 8/07/83

CHROMATOGRAPHIC GAS ANALYSIS REPORT

MAILEE  
 23035

CONOCO INCORPORATED  
 ATTN: GAS MEASUREMENT  
 7415 EAST MAIN  
 FARMINGTON, NM 87402-9989

METER NUMBER 90097 - STATE COM S #15A Pictured Cliffs  
 OPERATOR 0286 - CONOCO - MESA OPERATING LTD

ANALYSIS DATE 7/21/83 TYPE CODE 2 - ACTUAL  
 SAMPLE DATE 7/30/83 H2S GRAINS 0  
 EFFECTIVE DATE 8/01/83 LOCATION D - DANIELS FM  
 EFFECTIVE FOR 6 MONTHS

COMPONENTS	NORMALIZED MOL %	GPM
CO2	1.74	.000
H2S	.00	.000
N2	.33	.000
METHANE	87.26	.000
ETHANE	6.31	1.688
PROPANE	2.41	.084
ISO-BUTANE	.51	.187
NORM-BUTANE	.82	.185
ISO-PENTANE	.26	.085
NORM-PENTANE	.17	.082
HEXANE PLUS	.39	.170
	100.00	3.041

SPECIFIC GRAVITY .863  
 MIXTURE HEATING VALUE  
 (BTU @ 14.73 DRY) 1133  
 RATIO OF SPECIFIC HEATS .000  
 NO TEST SECURED FOR H2S CONTENT

BEFORE AN EXAMINER OF THE  
 OIL CONSERVATION DIVISION

EXHIBIT NO. 7-B  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994



1115 FARMINGTON AVE. - FARMINGTON, NM 87401

(505) 325-6622

ANALYSIS NO: CON30062

WELL/LEASE INFORMATION

COMPANY: CONOCO, INC. PRESSURE: 79 PSIG  
WELL NAME: STATE COM S-#15 SAMPLE TEMP.: 68 DEG F.  
LOCATION: WELL FLOWING: YES  
COUNTY: SAN JUAN DATE SAMPLED: 6/10/93  
FORMATION: MESA VERDE SAMPLED BY: RAF  
METER NO.: 066-10-045  
EFFECTIVE: JULY 1, 1993 - DECEMBER 31, 1993

REMARKS:

ANALYSIS

COMPONENT	MOLE %	GPM	*B.T.U.	*SP. GR.
NITROGEN	0.424	0.0000	0.000	0.0041
CO2	0.342	0.0000	0.000	0.0052
METHANE	85.745	0.0000	868.00	0.4749
ETHANE	7.300	1.9528	129.48	0.0758
PROPANE	3.579	0.9864	90.26	0.0545
I-BUTANE	0.762	0.2492	24.84	0.0153
N-BUTANE	0.888	0.2799	29.03	0.0178
I-PENTANE	0.346	0.1266	13.87	0.0086
N-PENTANE	0.216	0.0782	8.68	0.0054
HEXANE	0.398	0.1737	20.47	0.0128
TOTAL	100.000	3.8468	1184.63	0.6744

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

COMPRESSIBILITY FACTOR (1/Z) 1.0031  
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z) 1188.3  
BTU/CU.FT. (WET) CORRECTED FOR (1/Z) 1167.6  
REAL SPECIFIC GRAVITY 0.6762

ANALYSIS RUN AT 14.73 PSIA & 60 DEGREES F

CYLINDER PRESSURE: 79 PSIG  
CYLINDER NO.: GAS-035  
DATE RUN: 6/14/93  
ANALYSIS RUN BY: SEENA SPENCER

BEFORE AN EXAMINER OF THE  
OIL CONSERVATION DIVISION

EXHIBIT NO. 7-C  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

STATE COM S NO. 15A

**BOTTOMHOLE PRESSURE DATA**

<u>POOL</u>	<u>PERFS</u>	<u>DATUM</u>	<u>BHP</u>	<u>% of Higher Pressure</u>
Fruitland	2806'-2820'	4122'	270	58
Pictured Cliffs	3000' (top)	4122'	424	--
Mesaverde	4802'-5424'	4122'	464	--

**BTU-WEIGHTED PRODUCTION PERCENTAGES**

<u>POOL</u>	<u>MCFGPD</u>	<u>BTU/CU FT</u>	<u>% of Production</u>
Fruitland	48	1138	27.86
Pictured Cliffs	20	1133	11.56
Mesaverde	100	1188	60.59

**ECONOMIC LIMIT CALCULATIONS**

<u>OPERATING COSTS</u>	Direct Operating Expense	\$700/Month
	Overhead/Accounting Expense	<u>\$600/Month</u>
	<b>TOTAL OPERATING COSTS</b>	<b>\$1300/Month</b>

WORKOVER COSTS.....\$20,000 / Workover

CURRENT GAS PRICE.....\$1.35 / MCFG

ECONOMIC LIMIT WITHOUT WORKOVER COSTS.....37 MCFGPD

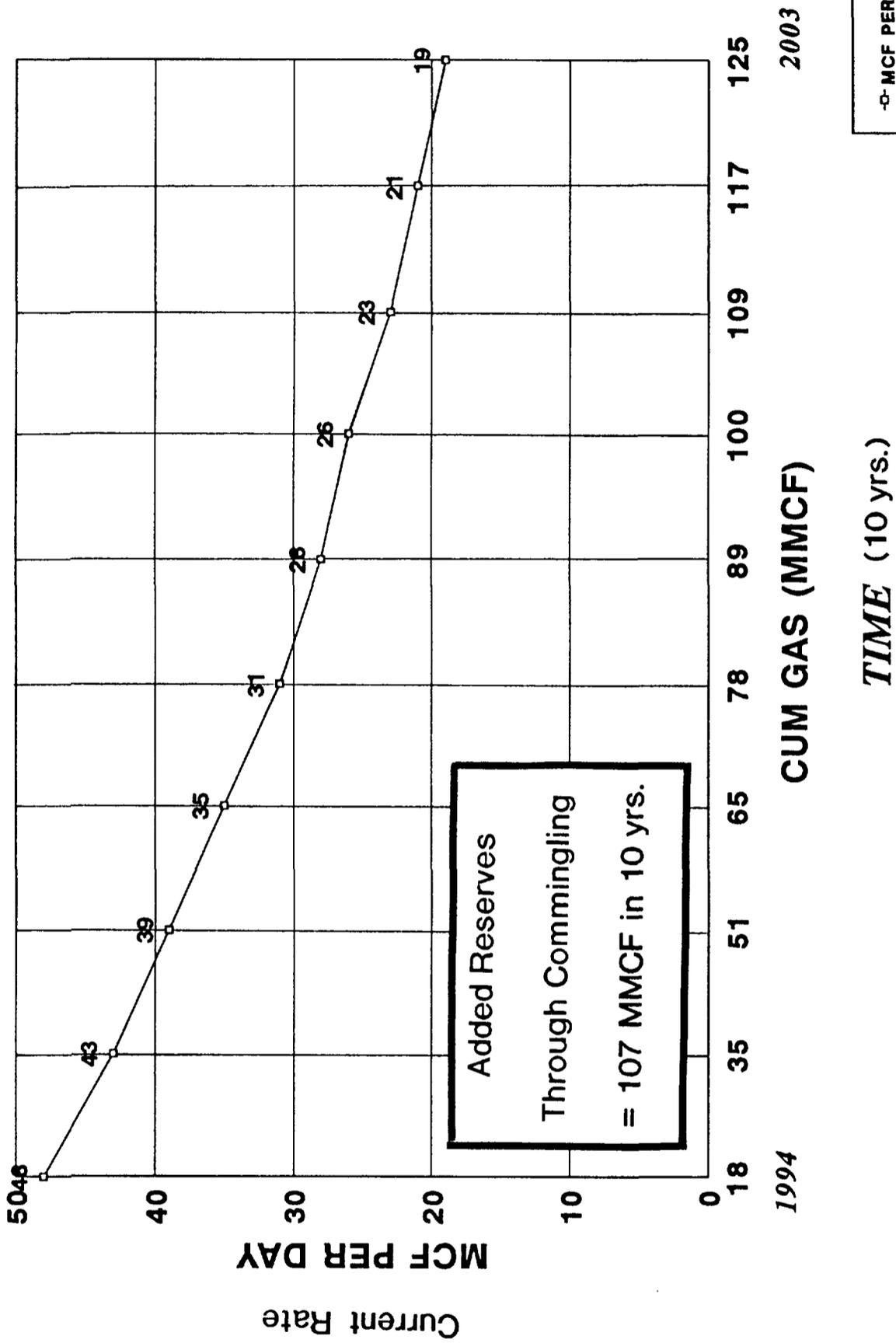
ECONOMIC LIMIT WITH WORKOVER COSTS.....49 MCFGPD

BEFORE AN EXAMINER OF THE  
OIL CONSERVATION DIVISION

EXHIBIT NO. 8  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

# STATE COM S 15A FT

## Uneconomic Fruitland Sand Zone

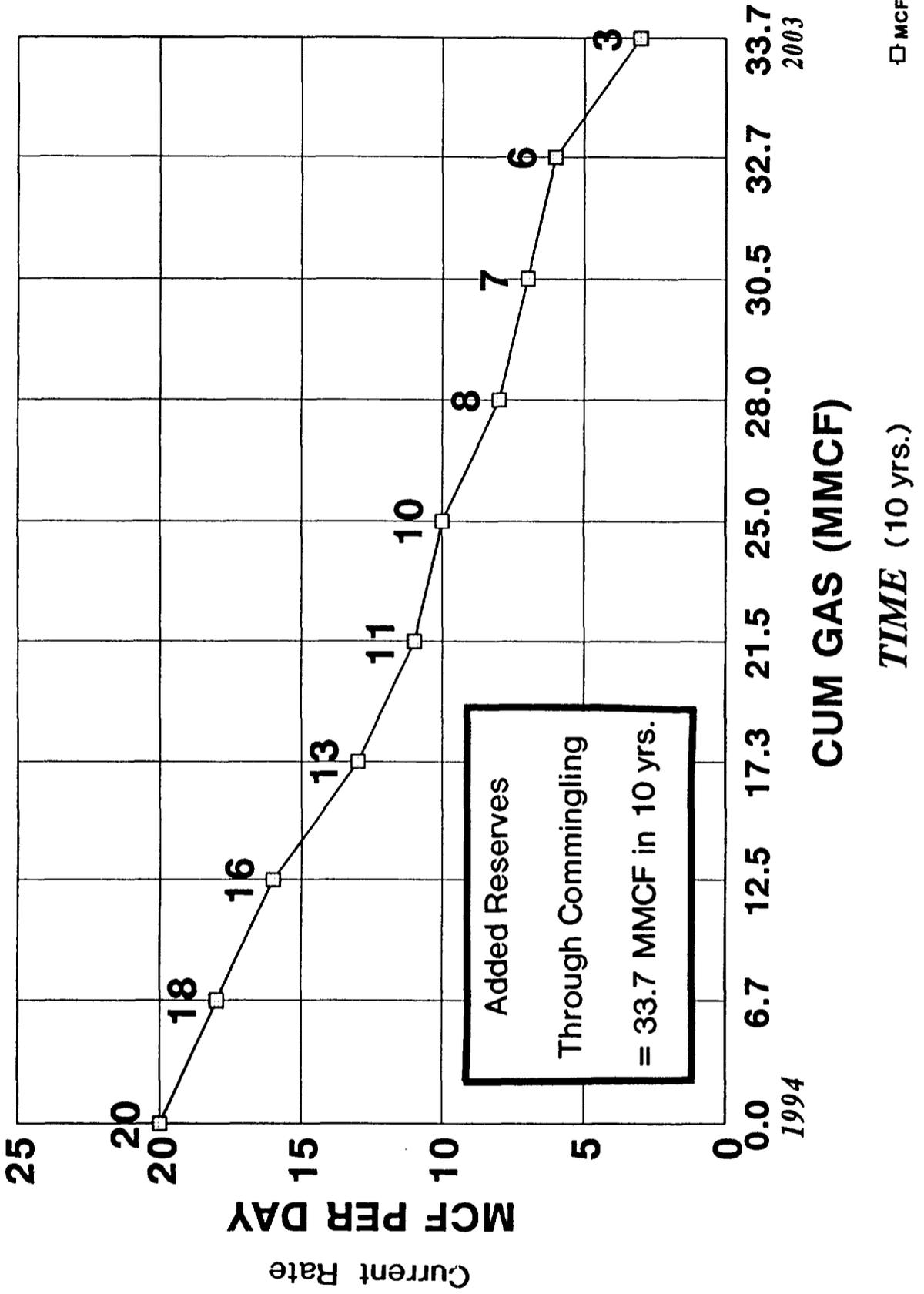


BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 9-A  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994

# STATE COM S15A PC

## Uneconomic Pictured Cliffs Zone



BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 9-B  
 CASE NO.: 11032  
 Submitted by: Conoco Inc.  
 Hearing Date: Sept 1, 1994



State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

June 27, 1994

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, Texas 79705-4500

Attn: Mr. Jerry Hoover

Re: Downhole Commingling Application  
State Com S Well No. 15A  
Unit D 36-32N-12W  
San Juan County, New Mexico

Dear Mr. Hoover:

Your application to downhole commingle the production from within the wellbore of the above captioned well was received on June 20, 1994. Your application requests our approval to downhole commingle the Blanco Mesaverde Pool production with the Glades Fruitland Sand production within the wellbore of the State Com S Well No. 15A, located in Unit letter D, Section 36-32N-12W.

Since it appears that all the New Mexico Oil Conservation Division's rules and regulations have been complied with and there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request for downhole commingling is hereby approved. Any deviation from the substance of your request will be sufficient grounds for rescinding our approval. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Your filing fee in the amount of Thirty (\$30.00) Dollars has been received.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY:   
FLOYD O. PRANDO, Director  
Oil/Gas and Minerals Division  
(505) 827-5744  
RP/FOP/pm  
encls.

cc: Reader File  
OCD-Santa Fe Attn: Mr. David Catanach, Ben Stone  
E-3151-5

BEFORE AN EXAMINER OF THE  
OIL CONSERVATION DIVISION

EXHIBIT NO. 10  
CASE NO.: 11032  
Submitted by: Conoco Inc.  
Hearing Date: Sept 1, 1994