

CASE 1165: Northwest Nomenclature  
for October.

Case No.

1165

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Application, Transcript,  
Small Exhibits, Etc.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

CASE NO. 1165

TRANSCRIPT OF HEARING

OCTOBER 17, 1956  
DEARNLEY-MEIER AND ASSOCIATES  
COURT REPORTERS  
605 SIMMS BUILDING  
TELEPHONE 3-6691  
ALBUQUERQUE, NEW MEXICO

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
OCTOBER 17, 1956

IN THE MATTER OF:

CASE 1165: Northwestern New Mexico nomenclature case calling  
for the extension of existing pools in San Juan and  
Rio Arriba Counties, New Mexico:

(a) Extension of the Tapacito-Pictured Cliffs Pool:  
to include:

Township 25 North, Range 3 West  
Section 3: W/2  
Section 4: S/2  
Section 9: N/2

Township 26 North, Range 3 West  
Section 33: W/2

Township 26 North, Range 4 West  
Section 8: All  
Section 16: W/2  
Section 17: E/2

(b) Extension of the South Blanco-Pictured Cliffs  
Pool to include:

Township 25 North, Range 4 West  
Section 18: S/2

Township 25 North, Range 5 West  
Section 2: N/2

Township 25 North, Range 6 West  
Section 1: E/2  
Section 12: N/2  
Section 24: E/2

Township 26 North, Range 5 West  
Section 35: S/2

Township 27 North, Range 9 West  
Section 1: N/2

- (c) Extension of the Otero-Pictured Cliffs Pool to include:

Township 24 North, Range 5 West  
Section 16: W/2

Township 24 North, Range 6 West  
Section 12: E/2

- (d) Extension of the Ballard-Pictured Cliffs Pool to include:

Township 25 North, Range 8 West  
Section 13: S/2

- (e) Extension of the Bisti-Lower Gallup Oil Pool to include:

Township 25 North, Range 12 West  
Section 5: SE/4  
Section 15: SW/4

Township 25 North, Range 13 West  
Section 1: NW/4  
Section 12: NE/4

- (f) Extension of the Blanco-Mesaverde Pool to include:

Township 30 North, Range 5 West  
Section 6: All

Township 31 North, Range 5 West  
Section 31: All

Township 31 North, Range 12 West  
Section 7: All  
Section 18: All

- (g) Extension of the South Blanco-Dakota Pool to include:

Township 26 North, Range 6 West  
Section 5: SW/4, NW/4  
Section 6: All

Township 26 North, Range 7 West  
Section 1: NE/4

4  
BEFORE:

Mr. A. L. Porter  
Mr. E. S. (Johnny) Walker

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: We will next take up Case No. 1165.

(Witness sworn.)

E L V I S   A.   U T Z

a witness, having been first duly sworn on oath, testified as follows:

MR. COOLEY: State your name and occupation for the record, please.

MR. UTZ: Elvis A. Utz, Engineer for the Oil Conservation Commission.

MR. COOLEY: Mr. Utz, in your capacity as an engineer, have you become familiar with conditions in existing pools in San Juan and Rio Arriba Counties?

MR. UTZ: Yes, I have.

MR. COOLEY: Do you have any recommendation with respect to the Pictured Cliffs Gas Pool?

MR. UTZ: Yes, I recommend that the Tapacito-Pictured Cliffs Pool be extended as advertized on the basis of six wells capable of producing in the Tapacito-Pictured Cliffs area.

MR. COOLEY: Do you have any recommendation with respect to the South Blanco-Pictured Cliffs Gas Pool?

MR. UTZ: Yes, I have. I recommend that the South Blanco-Pictured Cliffs Gas Pool be extended as advertized on the basis of

six wells capable of producing from that Pool.

MR. COOLEY: Do you have any recommendations with respect to the Otero-Pictured Cliffs Pool?

MR. UTZ: Yes, I recommend that the Otero-Pictured Cliffs Pool be extended as advertized on the basis of two wells capable of producing from that Pool.

MR. COOLEY: Do you have any recommendation with respect to the Ballard-Pictured Cliffs Pool?

MR. UTZ: Yes, I likewise recommend that the Ballard-Pictured Cliffs Pool be extended as advertized on the basis of one well capable of producing from the horizontal-vertical limits of that Pool.

MR. COOLEY: Do you have any recommendation with respect to the Bisti-Lower Gallup Oil Pool?

MR. UTZ: Yes, I have. I recommend that the Bisti-Lower Gallup Oil Pool be extended as advertized on the basis of four wells capable of producing oil from that Pool. I think I called that the Bisti-Lower Gallup Oil Pool, I am not sure.

MR. COOLEY: Do you have any recommendation with respect to the Blanco-Mesaverde Gas Pool?

MR. UTZ: Yes, I recommend that the Blanco-Mesaverde be extended on the basis of two wells capable of producing gas from that Pool.

MR. COOLEY: What are your recommendations as to the South Blanco-Dakota Pool?

MR. UTZ: I recommend that the South Blanco-Dakota Pool be extended as advertized on the basis of one well capable to producing

from that Pool.

MR. COOLEY: Do you have any further recommendations, Mr. Utz?

MR. UTZ: No, I do not.

MR. COOLEY: Do you have any exhibits you would like to enter?

MR. UTZ: Yes, I have an exhibit which I would like to offer which shows all the extensions was testified to and the wells on which those extensions are based.

MR. COOLEY: You have marked that Exhibit No. 1?

MR. UTZ: Yes, sir.

MR. COOLEY: I move the Commission to accept Exhibit No. 1 into evidence in Case 1165.

MR. PORTER: Without objection it will be received. Does anyone have a question of the witness? You may be excused.

(Witness excused.)

MR. PORTER: We will take the case under advisement.

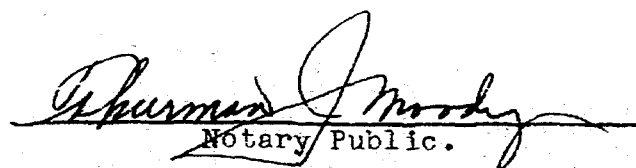


C E R T I F I C A T E

STATE OF NEW MEXICO )  
: ss  
COUNTY OF BERNALILLO )

I, THURMAN J. MOODY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in stenotype and reduced to typewritten transcript by me and/or under my personal supervision, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal, this, the 31st day of October 1956, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

  
Notary Public.

My Commission Expires:

April 3, 1960.

DOCKET: REGULAR HEARING OCTOBER 17, 1956

Oil Conservation Commission 9:00 a.m., Mabry Hall, State Capitol, Santa Fe

- ALLOWABLE:** (1) Consideration of the oil allowable for November, 1956.
- (2) Consideration of the allowable production of gas from the six prorated pools in Lea County, New Mexico, for November, 1956; also consideration of the allowable production of gas from the six prorated pools in San Juan and Rio Arriba Counties, New Mexico, for November, 1956.

NEW CASES

CASE 1161: Application of Northwest Production Corporation for an order authorizing a triple gas completion in the SW/4 of Section 7, Township 26 North, Range 5 West, Rio Arriba County, New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause seeks an order granting permission to effect a triple gas completion of its Jicarilla "W" 1-7 Well located 800 feet from the South line and 920 feet from the West line of Section 7, Township 26 North, Range 5 West, Rio Arriba County, New Mexico. The proposed producing horizons are the South Blanco-Pictured Cliffs Gas Pool and the Mesaverde and Dakota formations of two presently undesignated gas pools in the SW/4 of said Section 7. Applicant proposes to produce Pictured Cliffs gas through one small string of tubing, Dakota gas through another small string of tubing inside one larger string of tubing and Mesaverde gas through the tubing-tubing annulus.

CASE 1162: Application of Northwest Production Corporation for an order authorizing a triple gas completion in the NE/4 of Section 5, Township 26 North, Range 5 West, Rio Arriba County, New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order granting permission to effect a triple gas completion of its Jicarilla "W" 2-5 Well located 990 feet from the North line and 1650 feet from the East line of Section 5, Township 26 North, Range 5 West, Rio Arriba County, New Mexico. The proposed producing horizons are the Pictured Cliffs, Mesaverde and Dakota formation of three presently undesignated gas pools in the NE/4 of said Section 5. Applicant proposes to produce Pictured Cliffs gas through one small string of tubing, Dakota gas through another small string of tubing inside one larger string of tubing and Mesaverde gas through the tubing-tubing annulus.

**CASE 1163:** Application of the Oil Conservation Commission of the State of New Mexico on its own motion for an order amending Rule 701 of the Statewide Rules and Regulations. Applicant, in the above-styled cause, seeks an order amending Rule 701 to provide, under certain conditions, for administrative approval of salt water disposal projects without the necessity of a hearing.

**CASE 1164:** Application of the Oil Conservation Commission of New Mexico on its own motion for an order revising the proration rules contained in the Special Rules and Regulations for all prorated gas pools in the State of New Mexico. Applicant, in the above-styled cause, seeks an order revising the proration rules in the Special Rules and Regulations for the following gas pools in San Juan, Rio Arriba and Lea Counties, New Mexico:

Aztec-Pictured Cliffs	Eumont
South Blanco-Pictured Cliffs	Jalmat
Fulcher Kutz-Pictured Cliffs	Blinebry
West Kutz-Pictured Cliffs	Tubb
Ballard-Pictured Cliffs	Justis
Blanco-Mesaverde	Byers-Queen

Applicant proposes to revise the present procedure in the following particulars:

1. Format of the Monthly Gas Proration Schedule
2. Method of determining whether a gas well is marginal.
3. Method of determining cancellable underage.
4. Method of determining when overproduced well should be shut-in.
5. Method of determining whether a well is in balance.
6. Procedure for assigning gas well allowables.

**CASE 1165:** Northwestern New Mexico nomenclature case calling for the extension of existing pools in San Juan and Rio Arriba Counties, New Mexico.

(a) Extension of the Tapacito-Pictured Cliffs Pool to include:

Township 25 North, Range 3 West  
Section 3: W/2  
Section 4: S/2  
Section 9: N/2

Township 26 North, Range 3 West  
Section 33: W/2

Township 26 North, Range 4 West  
Section 8: All  
Section 16: W/2  
Section 17: E/2

(b) Extension of the South Blanco-Pictured Cliffs Pool to include:

Township 25 North, Range 4 West  
Section 18: S/2

Township 25 North, Range 5 West  
Section 2: N/2

Township 25 North, Range 6 West  
Section 1: E/2  
Section 12: N/2  
Section 24: E/2

Township 26 North, Range 5 West  
Section 35: S/2

Township 27 North, Range 9 West  
Section 1: N/2

(c) Extension of the Otero-Pictured Cliffs Pool to include:

Township 24 North, Range 5 West  
Section 16: W/2

Township 24 North, Range 6 West  
Section 12: E/2

(d) Extension of the Ballard-Pictured Cliffs Pool to include:

Township 25 North, Range 8 West  
Section 13: S/2

(e) Extension of the Bisti-Lower Gallup Oil Pool to include:

Township 25 North, Range 12 West  
Section 5: SE/4  
Section 15: SW/4

Township 25 North, Range 13 West  
Section 1: NW/4  
Section 12: NE/4

(f) Extension of the Blanco-Mesaverde Pool to include:

Township 30 North, Range 5 West  
Section 6: All

Township 31 North, Range 5 West  
Section 31: All

Township 31 North, Range 12 West  
Section 7: All  
Section 18: All

(g) Extension of the South Blanco-Dakota Pool to include:

Township 26 North, Range 6 West  
Section 5: SW/4, NW/4  
Section 6: All

Township 26 North, Range 7 West  
Section 1: NE/4

CASE 1166:

Southeastern New Mexico nomenclature case calling for the extension of existing pools in Lea and Chaves Counties, New Mexico.

(a) Extension of the Baum-Wolfcamp Pool to include:

Township 14 South, Range 33 East  
Section 6: W/2

(b) Extension of the Caprock-Queen Pool to include:

Township 15 South, Range 31 East  
Section 3: NE/4

(c) Extension of the Crosby-Devonian Gas Pool to include:

Township 25 South, Range 37 East  
Section 33: N/2

(d) Extension of the E-K Queen Pool to include:

Township 18 South, Range 33 East  
Section 14: NW/4  
Section 23: NE/4

DOCKET: SPECIAL COMMISSION HEARING OCTOBER 18, 1956

Oil Conservation Commission 9:00 a.m., Mabry Hall, State Capitol, Santa Fe

CASE 1103:( Rehearing)

Application of Cities Service Oil Company on rehearing of Case 1103, Order R-874 for an order granting permission to effect a single string oil-oil dual completion in the Dean-Devonian and Dean-Pennsylvanian Pools, Lea County, New Mexico. Applicant, in the above-styled cause, seeks on rehearing in Case No. 1103, Order R-874 reconsideration of the New Mexico Oil Conservation Commission's denial of its application for permission to make a single string oil-oil dual completion in the Dean-Devonian and Dean-Pennsylvanian Pools, Lea County, New Mexico; said rehearing will be restricted to the receiving of new evidence on those issues specifically raised in the application for rehearing.

DOCKET: EXAMINER HEARING OCTOBER 19, 1956

Oil Conservation Commission 10:00 a.m., Mabry Hall, State Capitol, Santa Fe

The following continued case will be heard before Warren W. Mankin, Examiner:

CASE 1120:

Application of Gunsite Butte Uranium Corporation for an unorthodox gas well location in the Tapacito-Pictured Cliffs Gas Pool in exception to Paragraph (4) of the Special Rules and Regulations for said pool as set forth in Order R-794. Applicant, in the above-styled cause, seeks an order authorizing an unorthodox location for a gas well to be drilled by applicant in the NW/4 of Section 3, Township 25 North, Range 3 West, Rio Arriba County, New Mexico.

(e) Extension of the Eumont Pool to include:

Township 19 South, Range 36 East  
Section 22: E/2 SW/4

(f) Extension of the Jalmat Pool to include:

Township 22 South, Range 35 East  
Section 11: SE/4

(g) Extension of the King-Devonian Pool to include:

Township 13 South, Range 37 East  
Section 35: NE/4

#### CONTINUED CASES

CASE 1126:

Application of Rowan Oil Company for an order granting permission to make an oil-oil dual completion in the Blinebry Oil Pool and the Drinkard Oil Pool in compliance with Rule 112-A of the New Mexico Oil Conservation Commission Statewide Rules and Regulations. Applicant, in the above-styled cause, seeks an order authorizing an oil-oil dual completion in the Blinebry Oil Pool and Drinkard Oil Pool for its Cary No. 7 Well located 1874 feet from the North line and 2086 feet from the West line of Section 22, Township 22 South, Range 37 East, Lea County, New Mexico; applicant proposes to run only one string of tubing to produce the Drinkard Oil through the tubing and the Blinebry Oil through the casing-tubing annulus.

CASE 1127:

Southeastern New Mexico nomenclature case calling for the creation of a new pool in Lea County, New Mexico.

(d) Creation of a new oil pool for Tubb production, designated as the Tubb Oil Pool, and described as:

Township 21 South, Range 37 East  
Section 10: SE/4 SW/4

**BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO**

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

**CASE NO. 1165  
Order No. R-913**

**THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION CALLING FOR THE  
EXTENSION OF CERTAIN POOLS IN  
SAN JUAN AND RIO ARRIBA COUNTIES,  
NEW MEXICO.**

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:**

This cause came on for hearing at 9 o'clock a.m. on October 17, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 13<sup>th</sup> day of November, 1956, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing and being fully advised in the premises,

**FINDS:**

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

(2) That there is need for certain extensions to the Tapacito-Pictured Cliffs Pool, the Otero-Pictured Cliffs Pool and the South Blanco-Dakota Pool, all in Rio Arriba County, New Mexico, the Bisti-Lower Gallup Oil Pool in San Juan County, New Mexico, and the South Blanco-Pictured Cliffs Pool, the Ballard-Pictured Cliffs Pool, and the Blanco Mesaverte Pool, all in Rio Arriba and San Juan Counties, New Mexico.

**IT IS THEREFORE ORDERED:**

(a) That the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

**TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM**  
Section 3: W/2  
Section 4: S/2  
Section 9: N/2

**TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM**  
Section 33: W/2



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Case No. 1165  
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TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 8: All  
Section 16: W/2  
Section 17: E/2

(b) That the South Blanco-Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 18: E/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 2: E/2

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 1: E/2  
Section 13: E/2  
Section 24: E/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 36: E/2

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM

Section 1: E/2

(c) That the Otero-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 16: W/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 12: E/2

(d) That the Ballard-Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM

Section 13: E/2

(e) That the Bisti-Lower Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 5: SE/4  
Section 15: SW/4

TOWNSHIP 25 NORTH, RANGE 13 WEST, NMPM

Section 1: NW/4  
Section 12: NE/4

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Case No. 1165  
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(f) That the Blanco Mesaverte Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 20 NORTH, RANGE 5 WEST, NEPM  
Section 8: All

TOWNSHIP 21 NORTH, RANGE 5 WEST, NEPM  
Section 31: All

TOWNSHIP 21 NORTH, RANGE 12 WEST, NEPM  
Section 7: All  
Section 18: All

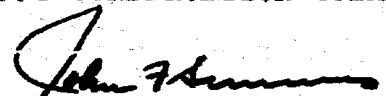
(g) That the South Blanco-Saheta Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NEPM  
Section 8: SW/4  
Section 9: All


TOWNSHIP 26 NORTH, RANGE 7 WEST, NEPM  
Section 1: NE/4

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
JOHN F. SIMS, Chairman

  
E. S. WALKER, Member

  
A. L. PORTER, Jr., Member & Secretary

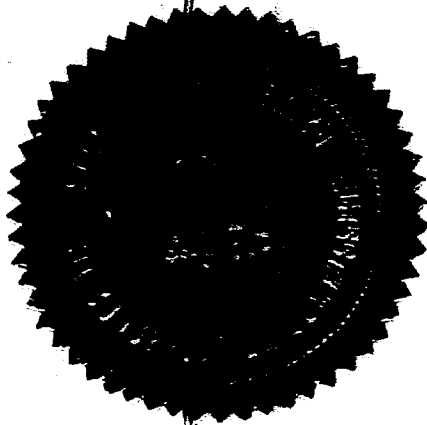


Exhibit 41  
Page 1165

NOMENCLATURE RECOMMENDATIONS FOR THE  
OCTOBER, 1956 HEARING

Tapicito Pictured Cliffs

Township 25 North, Range 3 West (Rio Arriba County)

Section 3, W/2

Section 4, S/2

Section 9, N/2

Township 26 North, Range 3 West (Rio Arriba County)

Section 33, W/2

Township 26 North, Range 4 West (Rio Arriba County)

Section 8, All

Section 16, W/2

Section 17, E/2

based on:

Southern Union #1 McCroden

910/S; 980/W, Section 3-25N-3W

IP 3052 MCFPD; SICP 1059#/17 days.

Southern Union #1-A McCroden

945/N; 945/E, Section 9-25N-3W

IP 4483 MCFPD; SICP 1027#/11 days.

Northwest Production Co. #1-33 "E"

896/S; 1700/W, Section 33-26N-3W

IP 1581 MCFPD; SICP 1032#/7 days.

Northwest Production Co. #1-8 "N"

1650/S; 945/W, Section 8-26N-4W

IP 5704 MCFPD; SICP 1031#/14 days.

Southern Union #5-E Jicarilla

1650/N; 1585/W, Section 16-26N-4W

IP 6642 MCFPD; SICP 1050#/11 days.

Southern Union #2-H Jicarilla

1650/N; 1650/E, Section 17-26N-4W

IP 920 MCFPD; SICP 1084#/14 days.

South Blanco Pictured Cliffs

Township 25 North, Range 4 West (Rio Arriba County)

Section 18, S/2

Township 25 North, Range 5 West (Rio Arriba County)

Section 2, N/2

Township 25 North, Range 6 West (Rio Arriba County)

Section 1, E/2

Section 12, N/2

Section 24, E/2

Township 26 North, Range 5 West (Rio Arriba County)

Section 35, S/2

Nomenclature

Township 27 North, Range 9 West (San Juan County)  
Section 1, N/2

based on: EPNG #3-E Jicarilla  
810/S; 1545/W, Section 18-25N-4W  
IP 6908 MCFPD; SICP 1035#/7 days.

Southern Union #4-K Jicarilla  
1650/N; 990/W, Section 2-25N-5W  
IP 1548 MCFPD; SICP 1031#/30 days.

Superior Oil Company #1-1 Home Government  
1120/S; 1145/E, Section 1-25N-6W  
IP 914 MCFPD; SICP 889 #/25 days.

Superior Oil Company #1-24 Schultz-Turner  
990/S; 990/E, Section 24-25N-6W  
IP 692 MCFPD; SICP 812#/13 days.

Southern Union #2-J Jicarilla  
990/S; 1090/W, Section 35-26N-5W  
IP 1035 MCFPD; SICP 1028#/27 days.

Skelly Oil Company #2 J. Q. Marshall  
1490/N; 1650/W, Section 1-27N-9W  
IP 4474 MCFD; SICP 700#/1 day.

(C) Otero Pictured Cliffs

Township 24 North, Range 5 West (Rio Arriba County)  
Section 16, W/2

Township 24 North, Range 6 West (Rio Arriba County)  
Section 12, E/2

based on: EPNG #2-A Jicarilla  
990/S; 890/W, Section 16-24N-5W  
IP 2081 MCFPD; SICP 723#/14 days

Superior Oil Company #1-12 Sloan et al Gov't.  
990/S; 990/E, Section 12-24N-6W  
IP 522 MCFPD; SICP 734#/7 days.

(d) Ballard Pictured Cliffs

Township 25 North, Range 8 West (San Juan County)  
Section 13, S/2

based on: Petro-Atlas Corp. #1 Foster  
1780/S; 1190/W, Section 13-25N-8W  
IP 5878 MCFPD; SICP 619#/11 Days.

Bisti Lower Gallup Oil Pool

Township 25 North, Range 12 West (San Juan County)  
Section 5, SE/4  
Section 15, SW/4

Nomenclature

Township 25 North, Range 13 West (San Juan County)

Section 1, NW/4

Section 12, NE/4

based on:

Amerada Petroleum #1 Gle-Na-Nup-Pah  
660/S; 1980/E, Section 5-25N-12W  
IP Flow. 751 BOPD, 37.9 Gravity, GOR 456.1

Shell Oil Company #14-15 Government  
660/S; 660/W, Section 15-25N-12W  
Ip Flowing 59 BOPD, 39 Gravity, GOR 2660.1

British-American #3 Marye  
660/N; 1980/W, Section 1-25N-13W  
IP Pumping 130 BOPD, 37 Gravity, GOR 691.1

British-American #2 Marye  
660/N; 660/E, Section 12-25N-13W  
IP Pumping 193 BOPD, 36.2 Gravity; GOR 2366.1

Blanco Mesaverde

Township 30 North, Range 5 West (Rio Arriba County)

Section 6, All

Township 31 North, Range 5 West (Rio Arriba County)

Section 31, All

Township 31 North, Range 12 West (San Juan County)

Section 7, All

Section 18, All

based on:

Pacific Northwest #13-31 Rosa Unit  
1650/N; 1850/E, Section 31-31N-5W  
IP 3675 MCFPD; SICP 1201#/7 days.

The New Drilling Company #1 Reid  
990/S; 953/W, Section 18-31N-12W  
Ip 2730 MCFPD; SICP 1033#/7 days.

South Blanco Dakota

Township 26 North, Range 6 West (Rio Arriba County)

Section 5, SW/4, NW/4

Section 6, All

*omit; see R-624*

Township 26 North, Range 7 West (Rio Arriba County)

Section 1, NE/4

based on:

Ralph A. Johnston #57 Rincon Unit  
990/N; 990/E, Section 1-26N-7W  
IP 346 MCFPD; SICP 2492#/14 days.