

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 19, 1958

Texas Calgary Company
320 Petroleum Building
Abilene, Texas

ATTENTION: Mr. McGlothlin

Gentlemen:

In accordance with Commission Order R-1104, the wells of Texas Calgary Company in the Hospah Pool are hereby assigned March allowances as follows:

Santa Fe	1	K	1-17-9	95
"	2	F	"	273
"	4	C	"	310
"	5	C	"	261
"	6	C	"	310
"	8	K	"	95
"	9	J	"	120
"	11	F	"	112
"	12	B	"	182
"	13	K	"	256
"	14	B	"	132
"	20	B	"	96
"	21	F	"	310
"	22	C	"	209
"	23	B	"	213
"	24	G	"	231
"	38	F	"	185
"	39	K	"	143
"	49	A	"	99
"	51	B	"	148
"	52	G	"	86

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Texas Calgary Company
Abilene, Texas

February 19, 1958

State 3	N	36-18-9	116	
"	7	"	310	
"	10	"	273	
"	15	"	310	
"	16	"	310	
"	17	"	310	
"	19	"	243	
"	25	"	310	
"	27	"	143	
"	28	"	310	
"	29	"	184	
"	32	"	75	
"	33	"	149	
"	34	"	310	
"	36	"	217	
"	37	"	83	
"	42	"	93	
"	53	"	111	
"	50	"	177	177
Wilson State	18	K	310	
"	"	35	K	310
Osborne	1	A	31-18-8	63
				<u>8583</u>

In view of the extreme difficulty in obtaining accurate tests on wells in this area because of weather conditions, we will defer the requirement of filing Form G-116 reporting tests on each individual well until May 15th, 1958.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

ALP:bp

CC-El Paso Natural Gas Products Co.
Emery Arnold

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 20, 1958

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Caulkins Oil Company
720 NW 50th Street
Oklahoma City 18, Oklahoma

Gentlemen:

This is to advise you that the Caulkins Oil Company (formerly Lowry, et al., Operating Account) water injection wells in the South Blanco-Tocito Oil Pool have been assigned permanent allowables in the amount set forth below pursuant to terms of Order No. R-1104, to-wit:

Well No. T-85, NW/4 SW/4 Sec. 4, T-26-N, R-6-W	12 bopd
Well No. T-87, NW/4 SE/4 Sec. 4, T-26-N, R-6-W	40 bopd
Well No. T-134, NE/4 NW/4 Sec. 10, T-26-N, R-6-W	10 bopd
Well No. T-157, SW/4 NW/4 Sec. 10, R-26-N, R-6-W	7 bopd

The allowables assigned to the injection wells as set forth above may be transferred to and produced from any of your producing wells in the South Blanco-Tocito Oil Pool in addition to the allowable assigned directly to said producing wells.

All producing oil wells in the South Blanco-Tocito Oil Pool have been assigned an allowable of 31 barrels of oil per day for the month of January 1958 in accordance with the provisions of Order No. R-1104 and Rule 505 of the Commission Rules and Regulations. The 31 barrel allowable was computed in the following manner:

$2.77 \times 11 = 30.47$ (any fraction of a barrel is considered as a full barrel).
2.77 is the 80-acre proportional factor for the pool's depth range (6,000 feet to 7,000 feet).

11 is the normal daily unit allowable set for Northwest New Mexico for the month of January 1958.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

ALP/WJC:bp
CC-Caulkins Oil Co., Farmington
El Paso Nat. Gas Prod. Co., Attn: Joe McNutt
Texas National Petr. Co., Houston
Oil Conservation Commission, Artes

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 17, 1958

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Texas Calgary Company
320 Petroleum Building
Abilene, Texas

Gentlemen:

In accordance with Commission Order R-1104, the wells of Texas Calgary Company in the Hospah Pool are hereby assigned February allowables as follows:

Santa Fe	1 K	1-17-9	95
"	2 F	"	273
"	4 C	"	310
"	5 C	"	261
"	6 C	"	310
"	8 K	"	95
"	9 J	"	120
"	11 F	"	112
"	12 B	"	182
"	13 K	"	256
"	14 B	"	132
"	20 B	"	96
"	21 F	"	310
"	22 C	"	209
"	23 B	"	213
"	24 G	"	231
"	38 F	"	185
"	39 K	"	143
"	49 A	"	99
"	51 B	"	148
"	52 G	"	86

Texas Calgary Company
Abilene, Texas

January 17, 1958

State 3 N	36-18-9	116
" 7 N	"	310
" 10 N	"	273
" 15 N	"	310
" 16 O	"	310
" 17 N	"	310
" 19 O	"	243
" 25 O	"	310
" 27 P	"	143
" 28 J	"	310
" 29 G	"	184
" 32 I	"	75
" 33 J	"	149
" 34 J	"	310
" 36 J	"	217
" 37 I	"	83
" 48 O	"	93
" 53 P	"	111
" 50 P	"	177
Wilson State	18 K	310
"	35 K	310
Osborne	1 A 31-18-8	<u>63</u>
		8583

Very truly yours.

A. L. Porter, Jr.
Secretary - Director

ALP:bp

CC-El Paso Natural Gas Products Co.
Emery Arnold

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 26, 1957

Mr. Jason Kellahin
Kellahin & Fox
P.O. Box 1713
Santa Fe, New Mexico

Dear Sir:

On behalf of your clients, Phillips Petroleum Company and Lowry, et al, we enclose a copy of Order R-1104 issued December 24, 1957, by the Oil Conservation Commission in Case 1353, which was heard on December 18th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

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Encl.

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OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 26, 1957

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Mr. Burns Errebo
Sunray Mid-Continent Oil Co.
P.O. Box 2039
Tulsa, Oklahoma

Dear Sir:

We enclose a copy of Order R-1104 issued December 24, 1957, by the Oil Conservation Commission in Case 1353, which was heard on December 18th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encl.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 6, 1957

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Mr. Jason Kellahin
Kellahin & Fox
P.O. Box 1713
Santa Fe, New Mexico

Dear Sir:

On behalf of your client, Lowry, et al, we enclose two copies of Emergency Order A-97-B issued December 6, 1957, by the Oil Conservation Commission.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

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Encls.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 6, 1957

Mr. C. L. Kelley
Pan American Petroleum Corporation
P.O. Box 899
Roswell, New Mexico

Dear Sir:

We enclose a copy of Emergency Order A-97-C issued December 6, 1957, by the Oil Conservation Commission.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encl.

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OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 6, 1957

Mr. L. C. White
Gilbert, White & Gilbert
P.O. Box 787
Santa Fe, New Mexico

Dear Sir:

On behalf of your clients, British-American Oil Company, Phillips Petroleum Company, and Sunray Mid-Continent Oil Company, we enclose two copies of Emergency Order A-97-A issued December 6, 1957, by the Oil Conservation Commission.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

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Encls.

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OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

December 6, 1957

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Texas Calgary Company
320 Petroleum Building
Abilene, Texas

ATTENTION: Mr. Mark P. Autry

Re: Order No. A-97 and Proration of
Hospah Field, McKinley County,
New Mexico

Gentlemen:

Reference is made to your letter of December 4, 1957, wherein you request a hearing to permit you to show cause why the Hospah Field in McKinley County, New Mexico, should be exempt from oil prorationing of Order A-97 and subsequent allowable orders.

The Commission has called a hearing on its own motion in Case No. 1353 to be heard on December 18th at 9:00 a.m. in Mabry Hall, State Capitol, Santa Fe, New Mexico, to permit all persons to appear and show cause why any well or wells in San Juan, Rio Arriba, McKinley and Sandoval Counties should be granted an exception to oil prorationing in that area. It will be proper for you to appear at that time and present any evidence which you may have concerning the necessity for excepting the Hospah Field from oil prorationing.

If I can be of any further service in this matter, please do not hesitate to call on me.

Very truly yours,

William J. Cooley
Commission Attorney

WJC:bp

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 5, 1957

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Mr. Albert R. Greer
Benson-Montin-Greer Drilling Corp.
405^{1/2} West Broadway
Farmington, New Mexico

Dear Al:

It looks like we made a mistake in the description of Case No. 1353 on our December 18th docket. This case refers only to oil wells, specifically those of Pan American in the Hogback, Lowry in the Tocito, and Sunray Mid-Continent and others in the LPG injection project in the Bisti. The way the docket is printed I can easily see why it might be expected to apply to gas wells, and I will appreciate it very much if you will set the matter straight in case someone should ask you about it.

Yours very truly,

A. L. Porter, Jr.
Secretary - Director

ALP:bp

CC-Mr. Emery Arnold
Oil Conservation Commission
Aztec, New Mexico

*Oil Authority
to institute
project
(T-34 + T-109)*

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, 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. 555
ORDER NO. R-349

THE APPLICATION OF LOWRY ET AL
OPERATING ACCOUNT FOR THE APPROVAL
OF A PILOT PRESSURE MAINTENANCE
PROGRAM BY WATER INJECTION IN ONE OR
BOTH OF TWO WELLS, SAID INJECTION WELLS
LOCATED IN SW/4 SW/4, SECTION 3, AND NE/4
NW/4 SECTION 10, TOWNSHIP 26 N. RANGE 6
WEST, IN THE SOUTH BLANCO-TOCITO POOL,
RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on July 16, 1953, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 27th day of July, 1953, the Commission, a quorum being present, having considered the testimony adduced at said hearing and the exhibits offered therein, and being fully advised in the premises,

FINDS:

1. That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
2. That the Petitioner's request to institute a pressure maintenance program in the South Blanco-Tocito Pool, Rio Arriba County, New Mexico, by water injection, utilizing either one or both of two proposed injection wells, is in the interests of conservation, will probably result in an increased production of oil that might otherwise be lost, thereby preventing waste, and that correlative rights of others interested in the pool will be protected, and that the application should therefore be granted.
3. That a pressure maintenance program by water injection in the South Blanco-Tocito Pool is of an experimental nature, and periodic reports should be submitted to the Commission by the Petitioner, disclosing its acts and doings in the matter.
4. That in the event prorationing of oil is instituted in the South Blanco-Tocito Pool, the Commission recognizes that consideration should be given to loss of

production by utilization of the two wells, Federal T-134, and Federal T-109 as injection wells, and that any proration order issued should recognize emergency conditions which might arise in the conduct of a pressure maintenance program by water flooding, and therefore such proration order should be flexible enough to cover such possible emergency conditions.

5. That subsequent to submission of this application, the well designation system in use by the Petitioner has been changed with approval of the Commission, and that the proposed injection wells, Federal 1-134 and Federal 7-35-109 are now designated as Federal T-134 and Federal T-109, respectively.

6. That no objection has been made to the granting of this application.

IT IS THEREFORE ORDERED:

1. That the application of Lowry et al Operating Account for permission to institute a pressure maintenance program in the South Blanco-Tocito Pool by injecting water into either or both Federal T-134, NE/4 NW/4, Section 10, and Federal T-109, SW/4 SW/4, Section 3, both in Township 26 North, Range 6 West, NMPM, should be, and the same hereby is approved.

2. That the permission is hereby granted to inject water in said injection wells, water to enter the Tocito sands, producing horizon of the South Blanco-Tocito Pool, Rio Arriba County, New Mexico.

3. That in the event prorationing of oil production is instituted in the South Blanco-Tocito Pool, Rio Arriba County, New Mexico, the operator shall submit to the Commission a plan for transferring allowables from injection wells to other producing wells in the Pool, together with a plan which will, insofar as possible, take care of emergency conditions which may arise as a result of the proration of production in the pool.

4. That the Operator, Petitioner herein, shall submit monthly reports to the Commission showing the monthly oil production and water production, and the amount of water injected into the reservoir through each injection well bore.

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

NEW MEXICO OIL CONSERVATION
COMMISSION

Edwin L. Mechem, Chairman

E. S. Walker, Member

R. R. Spurrier, Secretary

S E A L

Extension 1
(T-85)

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 CON-
SIDERING:

CASE NO. 697
ORDER NO. R-532

THE APPLICATION OF LOWRY ET AL
OPERATING ACCOUNT FOR THE APPROVAL
OF AN EXTENSION OF ITS PILOT PRESSURE
MAINTENANCE PROGRAM IN THE SOUTH
BLANCO-TOCITO POOL, RIO ARRIBA COUNTY,
NEW MEXICO, AND PERMISSION TO GAUGE OIL
AT A COMMON TANK BATTERY.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. , on July 21, 1954 on the amended petition of Lowry et al Operating Account, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 4th day of October 1954, the Commission, a quorum being present, having considered the testimony and exhibits offered therein, and the record pertaining to geological and engineering information received in Commission Cases Nos. 537, 555, and 607, received in this case, and testimony and evidence presented at the hearing in this cause on the original petition, on date May 19, 1954, and being fully advised in the premises,

FINDS:

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

(2) That petitioner has operated a pilot pressure maintenance program in the South Blanco-Tocito Pool, San Juan County, New Mexico, under authority of Commission Order No. R-349, and has made regular reports as required by said order.

(3) That evidence introduced at the hearing on May 19, 1954, shows that the pilot pressure maintenance program has been successful in maintaining pressures

in the South Blanco-Tocito Pool, will result in a greater ultimate recovery of oil, with reduced waste of gas, and will protect and utilize reservoir energy to the best advantage.

(4) That for successful operation of the pressure maintenance project, said project should be expanded by the addition of injection wells, as hereinafter provided, and water injection should be increased.

(5) That by its amended petition applicant seeks approval for the use of its well, T-85, located in SW/4 Section 4, Township 26 North, Range 6 West, NMPM, and that in all other respects the petition herein is the same as that originally filed.

(6) That, in order to facilitate operations and reduce economic losses, petitioner should be permitted to meter or gauge oil production from its leases in the South Blanco-Tocito Pool into a central tank battery, and such procedure will affect two basic leases of common royalty ownership, and that the rights of royalty owners of overriding royalties will not be impaired, but rather will be fully protected.

(7) That extension of the pressure maintenance program and metering or gauging of oil into a central tank battery by petitioner is in the interests of conservation, will prevent waste, result in an increased ultimate recovery of oil, and that correlative rights will be protected.

IT IS THEREFORE ORDERED:

(1) That the application of Lowry et al Operating Account for permission to extend its pressure maintenance program in the South Blanco-Tocito Pool be, and the same hereby is approved.

(2) That petitioner be authorized to utilize its well T-85, SW/4 Section 4, Township 26 North, Range 6 West, NMPM, as an injection well, as an addition to the authority heretofore granted in Commission Order No. R-349, water to be injected to enter the Tocito sands, producing formation of the South Blanco-Tocito Pool, Rio Arriba County, New Mexico.

(3) That in the event proration of oil is instituted in the South Blanco-Tocito Pool, suitable provision shall be made for the transfer of allowables from injection wells to other producing wells.

(4) That petitioner, as operator, shall submit monthly reports to the Commission showing the monthly oil production, monthly water production, the amount of water injected into each well bore, and such other information as the Commission may from time to time require for the purpose of keeping fully informed as to the progress of operations under the terms of this order.

(5) That petitioner may, as abandonment of producing wells is necessitated by water encroachment, utilize such wells as additional water injection wells upon submitting proper notice to the Commission Secretary and Director, and thereafter reporting operations affecting such wells as hereinabove provided; provided, however, notice of such proposed utilization shall also be given to all parties at interest, and in the event a protest is filed with the Commission within 20 days after the date such notice is served, the Commission may, in its discretion, set the matter for hearing.

IT IS FURTHER ORDERED:

(1) That the application of Lowry et al Operating Account for permission to gauge or meter oil production from Federal Lease NM-03551 and Federal Lease SF-079035-A in a common or central tank battery be, and the same hereby is approved, subject to like approval being obtained from the U. S. Geological Survey; provided, however,

(a) That petitioner make suitable provision for the metering of oil production to the end that proper accounting can be made to all persons having an interest in such production;

(b) That tests be made at regular intervals of not less than once each month to determine water content of oil produced, for the purposes of accounting for oil production under the method of accounting set up by petitioner as operator.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

S E A L

Extension ✓
(7-87)

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. 922
Order No. R-664

THE APPLICATION OF LOWRY ET AL
OPERATING ACCOUNT FOR THE APPROVAL
OF AN EXTENSION OF ITS PRESSURE MAIN-
TENANCE PROGRAM IN THE SOUTH BLANCO-
TOCITO POOL, RIO ARRIBA COUNTY, NEW
MEXICO AND TO PERMIT THE DRILLING OF
AN ADDITIONAL WELL IN SAID PROGRAM TO BE
USED AS AN INJECTION WELL IF NOT A COM-
MERCIAL PRODUCER IN THE TOCITO FORMATION.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m., June 28, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 14th. day of July, 1955, the Commission, a quorum being present, having considered the testimony and exhibits offered therein, and the record pertaining to geological and engineering testimony received in Commission Cases Nos. 537, 555, 607 and 697, received in this case, and testimony and evidence presented at a prior hearing in this cause on July 21, 1954, and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That petitioner has operated a pressure maintenance program in the South Blanco-Tocito Pool, Rio Arriba County, New Mexico, under authority of Commission Order Nos. R-349 and R-532, and has made regular reports as required by said orders.
- (3) That evidence was introduced at this hearing to show that the pressure maintenance program has been successful in maintaining pressures in the South Blanco-Tocito Pool, will result in a greater ultimate recovery of oil with reduced waste of gas, and will protect and utilize reservoir energy to the best advantage.