

CASE 2542: Application of LA PLATA  
GATHERING for a dual, non-standard  
gas unit and unorth. gas well loc.

2542

2542

Index, Transcript,  
All Exhibits, Etc.

State of New Mexico  
Oil Conservation Commission

P. O. BOX 871  
SANTA FE

Mr. Oliver Seth  
Seth, Montgomery, Federici & Andrews  
Box 828  
Santa Fe, New Mexico

**OTHER**

Case 2542

Heard. 4-25-62

Rec. 4-26-62

1. Grant La Plater Gathering system's request for a dual completion in the Blanco - Mesaverde gas pool and the Basin Dakota Gas pool. (conventional)
2. A string of 1½" tubing will flow the Mesaverde and a string of 2½" inch tubing will flow the Dakota.
3. Grant NW 1/4 for the dual because of a very narrow correction section 19, 734' from east to west, and 1950 ft. from Shines section 19.
4. ~~The~~ NW 1/4 for sections 18 & 19 were approved for sections 18 & 19 by order R2046.
5. Use named Dual Order.  
Thull. W.
6. All Production formations behind the Production survey shall adequately contained in their present ~~po~~ by cementing. This includes P.C. J. any.

— E. J.

J. GLENN TURNER  
W. D. WHITE  
FELIX ATWOOD  
JULIAN M. MEER  
EDWARD L. FRANCIS  
JAMES B. FRANCIS  
TREVOR REES-JONES  
LEO J. HOFFMAN  
THOS. R. HARTNETT II  
JOHN L. HAUER  
H. L. HITCHINS, JR.  
WILLIAM L. MCINERNEY  
WILLIAM G. WEBB  
LEWIS CHANDLER  
SNOWDEN M. LEFTWICH, JR.  
WILLIAM C. HERNDON, JR.  
B. THOMAS MCCLROY  
C. SIDNEY MCCLAIN  
JOSEPH P. DONAHUE  
LANCASTER SMITH  
DEAN CARLTON  
ROBERT L. DONALSON  
RICHARD A. FRELING  
RAY PEARCE  
JAMES J. HARTNETT  
PAUL E. AVE  
JAMES L. TRUITT  
WILLIAM D. WHITE, JR.  
ROBERT C. MCGUIRE

TURNER, WHITE, ATWOOD, MEER AND FRANCIS

ATTORNEYS AND COUNSELORS AT LAW

1900 MERCANTILE DALLAS BUILDING

DALLAS 1, TEXAS

March 28, 1962

1962 MAR 30 AM 8:18

Case  
542

Oil Conservation Commission of  
the State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Gentlemen:

Please find enclosed herewith Application for hearing before the New Mexico Oil Conservation Commission by La Plata Gathering System, Inc., for the establishment of a non-standard gas unit in the Blanco-Mesaverde Gas Pool and the Basin Dakota Gas Pool, Rio Arriba County, New Mexico, and for an order authorizing a gas-gas dual completion in said zones and for an unorthodox gas well location. Please advise when said matter will be scheduled for hearing.

Yours very truly,

TURNER, WHITE, ATWOOD, MEER  
and FRANCIS

By   
William G. Webb

WGW:mch  
Enclosure  
CC: Mr. Oliver Seth  
Mr. Albert S. Johnson  
Mr. C. Beeson Neal

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case 542*

C  
O  
P  
Y

March 30, 1962

Turner, White, Atwood, Meier and Francis  
Attorneys and Counselors at Law  
1900 Mercantile Dallas Building  
Dallas 2, Texas

Attention: Mr. William G. Webb

Gentlemen:

Your application on behalf of La Plata Gathering System, Inc., for the establishment of a non-standard gas proration unit in the Blanco-Mesaverde and Basin-Dakota Gas Pools, Rio Arriba County, New Mexico, and for an order authorizing a gas-gas dual completion in said zones and for an unorthodox gas well location has been set for hearing before one of the Commission's examiners on April 25, 1962.

Very truly yours,

RICHARD S. MORRIS  
Attorney

RSM/esr

cc: Mr. Oliver Seth  
Seth, Montgomery, Federici and Andrews  
Attorneys at Law  
P. O. Box 828  
Santa Fe, New Mexico

*Lochete  
mailed  
4/12/62  
JL*

No. 13-62

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 25, 1962

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE  
LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

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The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, as alternate Examiner:

- CASE 2532: Application of Zapata Petroleum Corporation for two additional injection wells, Maljamar Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to convert its Phillips 8-B Wells No. 3 and 5 located respectively in Units H and B, Section 19, Township 17 South, Range 33 East, Lea County, New Mexico, to water injection wells in its pilot waterflood project in the Maljamar (Grayburg-San Andres) Pool authorized by Order No. R-2157.
- CASE 2533: Application of Amerada Petroleum Corporation for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project in that portion of the Saunders Permo-Pennsylvanian Pool underlying the S/2 S/2 of Section 3 and N/2 of Section 10, Township 15 South, Range 33 East, Lea County, New Mexico, with the injection of water into the Pennsylvanian formation initially to be through one well located in the NE/4 NW/4 of said Section 10.
- CASE 2534: Application of Amerada Petroleum Corporation for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State NJ "A" Well No. 3 located in Unit A of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a quadruple completion (combination) in the San Andres, Blinbry, Drinkard and Devonian formations in the North Sustis Field with the production of oil from the Devonian and Drinkard formations to be through separate strings of 1 1/2-inch tubing set within parallel strings of 3 1/2-inch casing, and the production of oil from the Blinbry formation through a parallel string of 2 7/8-inch casing; applicant proposes to dispose of salt water into the San Andres formation through a parallel string of 2 3/8-inch casing.
- CASE 2535: Application of Amerada Petroleum Corporation for a quadruple completion and a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its L. G. Warlick "A" Well No. 1, located in Unit I of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a quadruple completion

(combination) in the Eumont Gas, Blinebry Oil, Penrose-Skelly Oil and Drinkard Oil Pools with the production of oil from the Drinkard and Penrose-Skelly formations to be through parallel strings of 2 7/8-inch casing, the production of oil from the Blinebry formation through a string of 1 1/4-inch tubing set within another parallel string of 2 7/8-inch casing and the production of gas from the Eumont formation through the casing-tubing annulus. Applicant further seeks the establishment of a 160-acre non-standard gas proration unit in the Eumont Gas Pool comprising the S/2 NE/4 and the N/2 SE/4 of said Section 19, said unit to be dedicated to said L. G. Warlick "A" Well No. 1.

CASE 2536:

Application of William A. & Edward R. Hudson for a secondary recovery project, Maljamar Pool, Eddy County, New Mexico. Applicants, in the above-styled cause, seek permission to institute a secondary recovery project in the Maljamar Pool in an area underlying their Puckett "A" and "B" Leases located in Section 24, Township 17 South, Range 31 East, Eddy County, New Mexico, with the injection of water into the Grayburg-San Andres formation initially to be through six wells, said project to be governed by the provisions of Rule 701.

CASE 2537:

Application of J. C. Williamson for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Westates-Federal Well No. 8 located in Unit E of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the North Justis-McKee Pool and an undesignated Montoya pool with the production of oil from both zones to be through parallel strings of tubing.

CASE 2538:

Application of Southwest Production Company for a non-standard oil proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 73.89-acre non-standard oil proration unit in the Cha Cha-Gallup Oil Pool comprising the NE/4 SE/4 and that portion of the NW/4 SE/4 lying North of the mid-channel of the San Juan River, of Section 16, Township 29 North, Range 14 West, San Juan County, New Mexico, said unit to be dedicated to the Foutz-State Well No. 1, located 1912 feet from the South line and 2310 feet from the East line of said Section 16.



- CASE 2539: Application of Pan American Petroleum Corporation for an exception to Order No. R-333-E, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-333-E to permit the extension of the terminal date for the 1961 deliverability test period from December 15, 1961, to March 1, 1962, for ten wells located in Townships 27 and 28 North, Ranges 10 and 11 West, San Juan County, New Mexico.
- CASE 2540: Application of Pan American Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State "CK" Well No. 2, located in the NE/4 SW/4 of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion in the Drinkard, Blinebry and Paddock Oil Pools with the production of oil from the Blinebry and Drinkard formations and the production of undetermined hydrocarbons from the Paddock formation.
- CASE 2541: Application of J. Glenn Turner for a dual completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Ballard Well No. 11-15 located in Unit D of Section 15, Township 26 North, Range 9 West, San Juan County, New Mexico, as a dual completion (conventional) in the Basin-Dakota Gas Pool and an undesignated Gallup oil pool with the production of gas from the Dakota formation and the production of oil from the Gallup formation to be through parallel strings of 2 1/16-inch tubing.
- CASE 2542: Application of La Plata Gathering System, Inc. for a dual completion, a non-standard gas proration unit, and an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete a gas well to be located at an unorthodox gas well location 1980 feet from the South line and 734 feet from the East and West lines of Section 19, Township 32 North, Range 5 West, Rio Arriba County, as a dual completion (conventional) in the Blanco-Mesaverde and Basin-Dakota Gas Pools with the production of gas from the Dakota formation to be through a string of 2 1/16-inch tubing and the production of gas from the Mesaverde formation to be through a parallel string of 1 1/2-inch tubing. Applicant further seeks the establishment of a 355.25-acre non-standard gas proration unit in the aforesaid pools comprising all of Sections 18 and 19, in said township to be dedicated to the above-described well.

- CASE 2543: Application of G. W. Strake for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its LeBow-Federal Well No. 6 located in Unit I of Section 25, Township 19 South, Range 30 East, Eddy County, New Mexico, as a dual completion (conventional) in the North Hackberry-Yates and Hackberry-Seven Rivers Pools with the production of oil from both formations to be through parallel strings of 2 1/16-inch tubing.
- CASE 2544: Application of Perry R. Bass for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Plains Unit Agreement embracing 7,198.01 acres, more or less, of federal lands in Township 19 South, Range 32 East, Lea County, New Mexico.
- CASE 2545: Application of The British American Oil Producing Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Jalmat Field-Yates Sand Unit Agreement embracing 2,760 acres, more or less, of State and fee lands in Township 22 South, Range 35 East, Lea County, New Mexico.
- CASE 2546: Application of The British American Oil Producing Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a waterflood project in the Yates formation in the Jalmat Pool in an area underlying its proposed Jalmat Field-Yates Sand Unit Area, comprising 2,760 acres, more or less, in Township 22 South, Range 35 East, Lea County, New Mexico, with injection of water initially to be through 16 wells located within said unit area, the project to be governed by the provisions of Rule 701.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2327  
Order No. R-2046

APPLICATION OF THE OIL CONSERVATION  
COMMISSION ON ITS OWN MOTION TO CON-  
SIDER ESTABLISHING NON-STANDARD GAS  
PRORATION UNITS IN THE BASIN-DAKOTA  
GAS POOL IN CERTAIN PARTIAL SECTIONS,  
SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 28, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 14th day of August, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, in order to ensure systematic development and thereby prevent waste and protect correlative rights, the Commission should establish individual proration units in the Basin-Dakota Gas Pool in Townships 29, 30, 31 and 32 North, Ranges 4, 5, 6, 7, 8, 9, 11, 12 and 13 West, NMPM, San Juan County, New Mexico.

(3) That said non-standard proration units are necessitated by irregular sections resulting from survey corrections in the United States Public Lands Survey.

(4) That the acreage contained in each individual proration unit should be based on the latest official surveys and resurveys accepted by the Federal Bureau of Land Management.

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Order No. R-2046

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard gas proration units in the Basin-Dakota Gas Pool, San Juan County, New Mexico, are hereby established:

TOWNSHIP 29 NORTH, RANGE 9 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	264.00	6	N/2
B	334.14	6	S/2
		7	N/2 N/2 N/2
C	336.66	7	S/2 N/2 N/2, S/2 N/2, N/2 S/2
D	331.68	7	S/2 S/2
		18	N/2 N/2, N/2 S/2 N/2
E	330.98	18	S/2 S/2 N/2, S/2
F	409.24	19	N/2, N/2 S/2
G	407.56	19	S/2 S/2
		30	N/2
H	268.42	30	S/2
I	251.72	31	N/2
J	251.01	31	S/2

TOWNSHIP 29 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	356.19	6	W/2
		7	W/2
B	364.60	18	W/2
		19	W/2
C	366.40	30	W/2
		31	W/2

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TOWNSHIP 30 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	339.46	1	E/2 (This unit also contains the SE/4 of Section 36, Township 31 North, Range 6 West)
B	319.69	1	W/2
C	227.48	12	E/2
D	227.76	13	E/2
E	228.52	24	E/2
F	229.56	25	E/2
G	230.24	36	E/2

TOWNSHIP 30 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	296.02	6	A portion of this unit contains acreage in Section 31, Township 31 North, Range 7 West described under that Township.
B	298.90	7	W/2
		18	NW/4
C	307.44	18	SW/4
		19	W/2
D	209.36	30	W/2
E	211.32	31	W/2

TOWNSHIP 30 NORTH, RANGE 9 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	299.85	6	W/2
		7	NW/4
B	304.39	7	SW/4
		18	W/2

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Order No. R-2046

TOWNSHIP 30 NORTH, RANGE 9 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
C	310.56	19	W/2
		30	NW/4
D	308.56	30	SW/4
		31	W/2

TOWNSHIP 30 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	321.99	6	Lots 3, 4, 5, 6, SE/4 NW/4, NE/4 SW/4. (This unit also contains acreage in Section 31, Township 31 North, Range 13 West consisting of Lots 1, 2, 3, 4, E/2 W/2.)
B	324.79	6	Lot 7, SE/4 SW/4
		7	W/2
		18	NW/4
C	314.60	18	SW/4
		19	W/2
		30	NE/4 NW/4
D	317.19	30	Lots 8, 9, 10, 13, 14, 15, 16
		31	W/2

TOWNSHIP 31 NORTH, RANGE 4 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	331.82	1	E/2
B	327.26	1	W/2
C	326.90	2	E/2
D	326.62	2	W/2
E	326.52	3	E/2

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TOWNSHIP 31 NORTH, RANGE 4 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
F	326.60	3	W/2
G	326.57	4	E/2
H	326.43	4	W/2
I	326.49	5	E/2
J	326.69	5	W/2
K	316.40	6	N/2
L	305.44	6	S/2
M	305.67	7	N/2
N	305.89	7	S/2
O	306.11	18	N/2
P	306.33	18	S/2
Q	306.53	19	N/2
R	306.71	19	S/2
S	306.90	30	N/2
T	307.10	30	S/2
U	307.31	31	N/2
V	307.53	31	S/2

TOWNSHIP 31 NORTH, RANGE 5 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	360.20	1	All
B	368.60	2	All
C	368.40	3	All
D	368.28	4	All
E	367.96	5	All

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TOWNSHIP 31 NORTH, RANGE 5 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
F	336.42	6	All
		7	NW/4
G	323.79	7	SW/4
		18	W/2
		19	NW/4, N/2 SW/4
H	327.63	19	S/2 SW/4
		30	W/2
		31	W/2

TOWNSHIP 31 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	319.44	1	All
		12	NE/4 NE/4
B	356.26	2	All
C	353.00	3	All
		4	That portion of Tract 37 lying in Section 4.
D	343.23	4	All, except that portion of Tract 37 lying in this section.
E	350.16	5	All
F	351.89	6	All
G	318.50	12	SE/4, W/2 NE/4, SE/4 NE/4
		13	NE/4
H	335.66	13	SE/4
		24	E/2



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TOWNSHIP 31 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
I	337.04	25	E/2
		36	NE/4
J	339.46	36	A portion of this unit contains acreage in Township 30 North, Range 6 West described under that Township.

TOWNSHIP 31 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	367.08	1	All
B	310.48	2	Lot 8, E/2, E/2 W/2
C	324.82	2	W/2 SW/4
		3	E/2, SE/4 SW/4
D	318.57	3	Lot 7, NE/4 SW/4, W/2 W/2
		4	E/2 E/2, SW/4 SE/4
E	323.15	4	Lot 6, NW/4 SE/4, W/2
		5	Lot 5
F	321.66	5	Lots 6, 7, 8, E/2 SW/4, SE/4
G	319.16	5	Tract No. 53, Lot 9
		6	Lots 8, 9, 10, 11, NE/4 SW/4, N/2 SE/4
H	324.39	5	SW/4 SW/4
		6	Lots 12, 14, 15, S/2 SE/4
		7	Lot 5, N/2 NE/4, SE/4 NE/4
I	317.23	7	Lots 6, 7, SW/4 NE/4, N/2 SE/4. All of Tract 54 lying in Sections 6 and 7.
J	325.68	7	Lots 8 and 9, SE/4 SE/4, that portion of Tract 55 lying in this section.

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TOWNSHIP 31 NORTH, RANGE 7 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		18	Lots 5, 6, 7, NE/4 NE/4, S/2 NE/4, that portion of Tract 55 lying in this section.
K	321.61	18	Lots 3, 9, 10, SE/4 NW/4, E/2 SW/4, SE/4
L	259.82	19	Lots 5, 6, 7, 8, E/2 W/2
		30	Lot 5, NE/4 NW/4
M	250.65	30	Lots 6, 9, 10, SE/4 NW/4, E/2 SW/4
		31	Lots 7, 8, E/2 NW/4
N	296.02	31	Lots 11, 12, E/2 SW/4. The balance of this Tract lies in Section 6, Township 30 North, Range 7 West and consists of Lots 10, 11, 12, 17, 18, 19, NW/4 SE/4, SW/4 NE/4, and the portion of Tract 40 lying in the SW/4 SE/4 of that section.

TOWNSHIP 31 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	322.36	6	W/2
		7	NW/4, N/2 SW/4
B	315.59	7	S/2 SW/4
		18	W/2
		19	Lots 9, 16, N/2 NW/4
C	329.75	19	Lot 17, E/2 SW/4, SE/4 NW/4
		30	W/2
D	321.99	31	A portion of this unit contains acreage in Township 30 North, Range 13 West described under that Township.

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TOWNSHIP 32 NORTH, RANGE 5 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	353.24	12	W/2, E/2 SW/4
B	354.65	12	NW/4, W/2 SW/4
		11	N/2 NE/4, SE/4 NE/4, E/2 SE/4
C	336.52	11	NW/4, SW/4 NE/4, E/2 SW/4, W/2 SE/4
		10	NE/4 NE/4
D	339.10	11	W/2 SW/4
		10	NW/4 NE/4, S/2 NE/4, SE/4
E	278.70	10	W/2
F	339.54	9	E/2 E/2, SW/4 NE/4, W/2 SE/4, E/2 SW/4
G	338.84	9	NW/4 NE/4, NW/4, W/2 SW/4
		8	SE/4 NE/4, E/2 SE/4
H	319.74	8	N/2 NE/4, SW/4 NE/4, SE/4 NW/4, SW/4 SW/4, E/2 SW/4, W/2 SE/4
I	316.14	8	N/2 NW/4, SW/4 NW/4, NW/4 SW/4
		7	All. The SE/4 SE/4 of Section 12, Township 32 North, Range 6 West is also contained in this unit.
J	355.25	18	All
		19	All
K	345.59	30	All
		31	All

TOWNSHIP 32 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	336.31	12	NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4, SW/4 SE/4
B	356.82	12	SE/4 SW/4, W/2 W/2

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TOWNSHIP 32 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		11	E/2 E/2, SW/4 SE/4
C	334.45	11	W/2 NE/4, NW/4, N/2 SW/4, SE/4 SW/4, NW/4 SE/4
D	338.25	10	E/2 E/2, SW/4 NE/4, W/2 SE/4, SE/4 SW/4
E	337.75	10	NW/4 NE/4, NW/4, N/2 SW/4, SW/4 SW/4
		9	E/2 SE/4
F	317.60	9	N/2, W/2 SE/4
G	317.51	9	SW/4
		8	E/2 E/2, NW/4 NE/4
H	320.00	8	SW/4 NE/4, SE/4 NW/4, SW/4, W/2 SE/4
I	308.78	8	N/2 NW/4, SW/4 NW/4
		7	N/2
J	318.27	7	S/2
K	318.39	31	N/2 N/2, S/2 NE/4, N/2 SE/4
L	315.12	31	S/2 NW/4, SW/4, S/2 SE/4

TOWNSHIP 32 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	293.10	7	Lots 2, 3, 4, SW/4, W/2 SE/4
B	298.38	7	E/2 E/2
		8	W/2
C	298.33	8	W/2
		9	W/2 W/2
D	376.88	9	E/2 W/2, E/2
		10	Lots 3, 4, NW/4 SW/4

-11-  
CASE No. 2327  
Order No. R-2046

TOWNSHIP 32 NORTH, RANGE 7 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
E	357.84	10	Lots 1, 2, NE/4 SW/4, S/2 SW/4, SE/4
		11	Lots 3, 4
F	359.20	11	Lots 1, 2, S/2
G	399.00	12	All

TOWNSHIP 32 NORTH, RANGE 8 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	312.63	7	Lots 1, 2, 3, 4, N/2 S/2, S/2 SE/4
		8	Lot 4, NW/4 SW/4
B	323.88	8	Lots 1, 2, 3, NE/4 SW/4, S/2 SW/4, SE/4
C	329.16	9	Lots 2, 3, 4, SE/4 SE/4, W/2 SE/4, SW/4
D	311.79	9	Lot 1, NE/4 SE/4
		10	Lot 2, W/2, NW/4 SE/4
E	317.34	10	E/2 E/2, SW/4 SE/4
		11	W/2 W/2, E/2 SW/4
F	328.17	11	Lots 1, 2, 3, SE/4
		12	W/2 W/2
G	305.18	12	E/2 W/2, E/2
H	312.56	7	S/2 SW/4
		18	W/2
		19	W/2 NW/4
I	316.35	19	E/2 NW/4, SW/4
		30	NW/4, NW/4 SW/4
J	316.70	30	NE/4 SW/4, S/2 SW/4
		31	W/2

-12-  
CASE No. 2327  
Order No. R-2046

TOWNSHIP 32 NORTH, RANGE 11 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	332.27	7	All
B	327.80	8	W/2
		17	W/2 W/2
C	328.20	8	E/2
		17	E/2 E/2
D	320.00	17	E/2 W/2, W/2 E/2
E	336.40	9	All
F	335.60	10	All
G	334.00	11	All
H	333.60	12	All

TOWNSHIP 32 NORTH, RANGE 12 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	335.38	7	All
B	309.43	8	All
C	280.38	9	All
D	326.68	10	All
E	336.40	11	All
F	336.00	12	All

TOWNSHIP 32 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	363.83	7	All
		8	W/2, W/2 E/2
B	339.80	8	E/2 E/2
		9	All
		10	SW/4 SW/4

-13-  
CASE No. 2327  
Order No. R-2046

TOWNSHIP 32 NORTH, RANGE 13 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
C	336.95	10	Lot 8, E/2 W/2, E/2
		11	Lot 6, W/2
D	345.89	11	Lot 5, S/2 SE/4
		12	All
E	325.32	18	Lot 13, N/2, NW/4 SE/4
F	321.40	18	NE/4 SE/4, S/2 S/2
		19	N/2 N/2, SE/4 NE/4
G	320.48	19	lots 8, 13, 14, SW/4 NE/4, SE/4
H	335.02	30	Lot 13, NW/4 SE/4, N/2
I	325.85	30	Lot 14, NE/4 SE/4, S/2 SE/4
		31	Lot 6, SE/4 NE/4, N/2 NE/4
J	328.45	31	Lot 7, SW/4 NE/4, S/2

(2) That the acreage contained in each of the above-described proration units shall be based on the latest official surveys and resurveys accepted by the Federal Bureau of Land Management, and, in the event further official surveys are made in any subject Township, the acreage in each affected proration unit shall conform to the change.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

E A L

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

RECEIVED  
OCT 10 1954  
18

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
LA PLATA GATHERING SYSTEM, INC.,  
FOR THE ESTABLISHMENT OF A 355.25  
ACRE NON-STANDARD GAS UNIT IN THE  
BLANCO-MESAVERDE GAS POOL AND THE  
BASIN DAKOTA GAS POOL,  
RIO ARriba COUNTY, NEW MEXICO,  
AND FOR AN ORDER AUTHORIZING A  
GAS-GAS DUAL COMPLETION IN THE  
BLANCO-MESAVERDE POOL AND THE  
BASIN DAKOTA POOL AND FOR AN  
UNORTHODOX GAS WELL LOCATION

CASE NUMBER 2542

TO THE HONORABLE OIL CONSERVATION COMMISSION OF THE  
STATE OF NEW MEXICO:

Comes now LA PLATA GATHERING SYSTEM, INC., as Unit Operator of the San Juan 32-5 Unit Area, and respectfully requests an exception to Rule 104 for a non-standard gas proration unit in the Blanco-Mesaverde Gas Pool and the Basin Dakota Gas Pool, Rio Arriba County, New Mexico, consisting of All of Sections 18 and 19, Township 32 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico, and for an order authorizing a gas-gas dual completion in the Blanco Mesaverde Pool and in the Basin Dakota Pool, and for an unorthodox location for a well to be drilled through the Mesaverde Formation and to the Dakota Formation at a location one thousand nine hundred eighty feet (1,980') from the South line, seven hundred thirty-four feet (734') from the East line, and seven hundred thirty-four feet (734') from the West line of Section 19, Township 32 North, Range 5 West, and, for cause, would show as follows:



# I

The subject non-standard gas proration unit is necessitated by a variation in the legal subdivision of the United States Public Land Surveys for both Sections 18 and 19 in Township 32 North, Range 5 West, Section 18 comprising Lots 1, 2, 3, and 4 thereof, containing a total of 177.17 acres, and Section 19 comprising Lots 1, 2, 3, and 4 thereof, containing a total of 178.08 acres, or an aggregate of 355.25 acres.

# II

In order for the owners of the oil and gas leases covering said Sections 18 and 19, Township 32 North, Range 5 West, to recover their fair and equitable proportion of the natural gas which may underlie said sections, it is necessary that an exception be granted to the applicable provisions of Rule 104 of the rules and regulations of the New Mexico Oil Conservation Commission.

# III

Applicant further proposes that the well to be drilled at the aforesaid location on the above described non-standard gas proration unit will be drilled to the base of the Dakota Formation, and, in the event commercial production of natural gas is encountered in both the Dakota and Mesaverde Formations, that same will be completed in such a manner as to permit the production of gas from the Blanco-Mesaverde Pool and the Basin Dakota Pool through parallel strings of one and one-half inch (1-1/2") and two and one-sixteenths inch (2-1/16") tubing. Attached hereto as Exhibit "B" is a schematic drawing of the proposed manner of dually completing said well in such formations, which procedure is in accordance with sound conservation practices and will properly protect each such zone.

# IV

Applicant would further show that, due to the shape of said Section 19, it is physically impossible to

locate a well in such section seven hundred ninety feet (790') from the outer boundaries thereof.

V

Attached hereto as Exhibit "A" is a Plat of the subject spacing unit which likewise illustrates the offsetting leases thereto.

VI

Applicant would respectfully show that the approval of the subject application will neither cause waste nor impair correlative rights.

Premises considered, the undersigned, as Operator of the San Juan 32-5 Unit Area, respectfully requests an exception to the applicable provisions of Rule 104 of the Commission's regulations in order to provide for a non-standard gas proration unit in the Blanco-Mesaverde Gas Pool and the Basin Dakota Gas Pool and for a gas-gas dual completion in the Blanco-Mesaverde Pool and the Basin Dakota Pool and for an unorthodox gas well location as aforesaid.

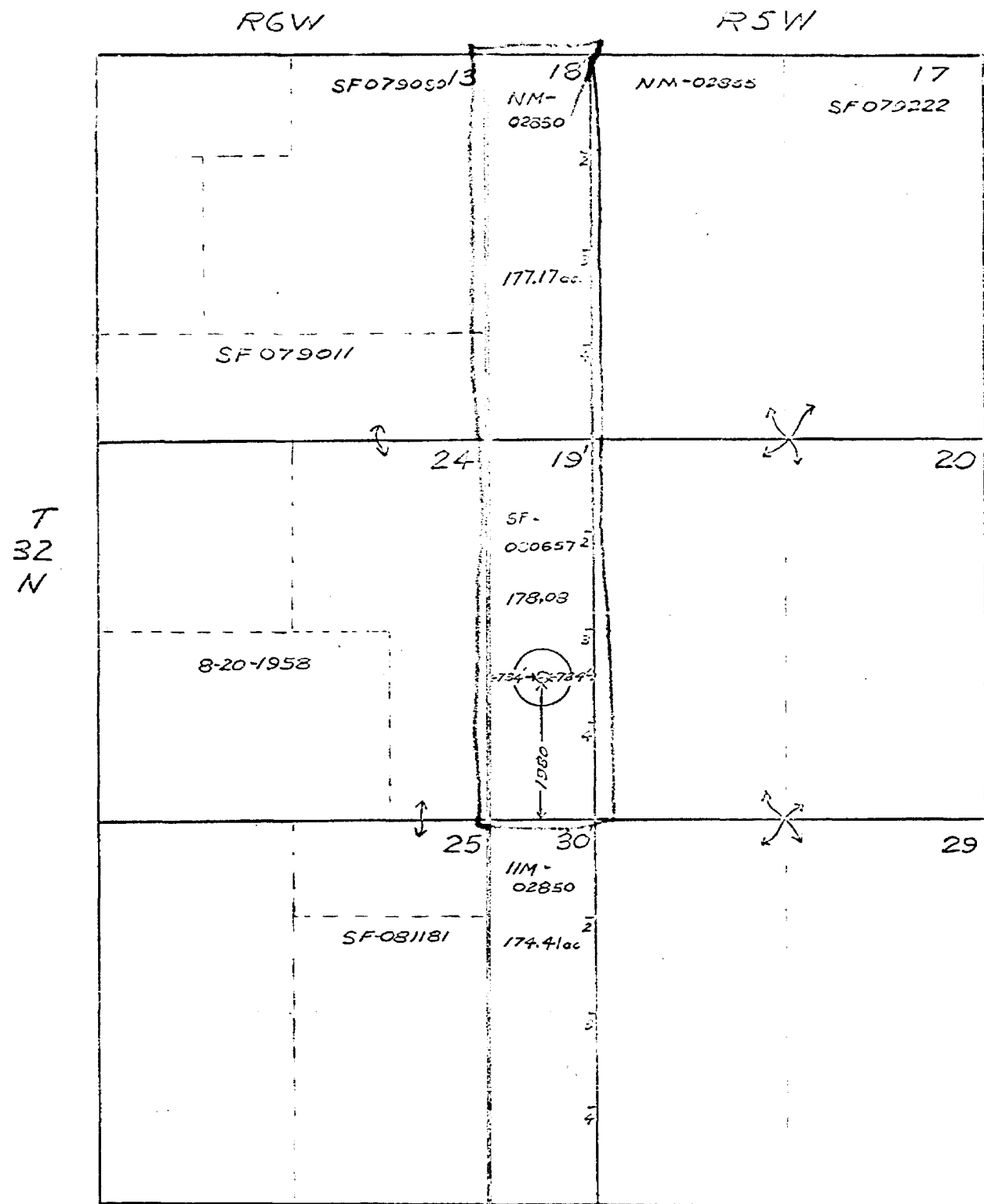
Respectfully submitted,

LA PLATA GATHERING SYSTEM, INC.

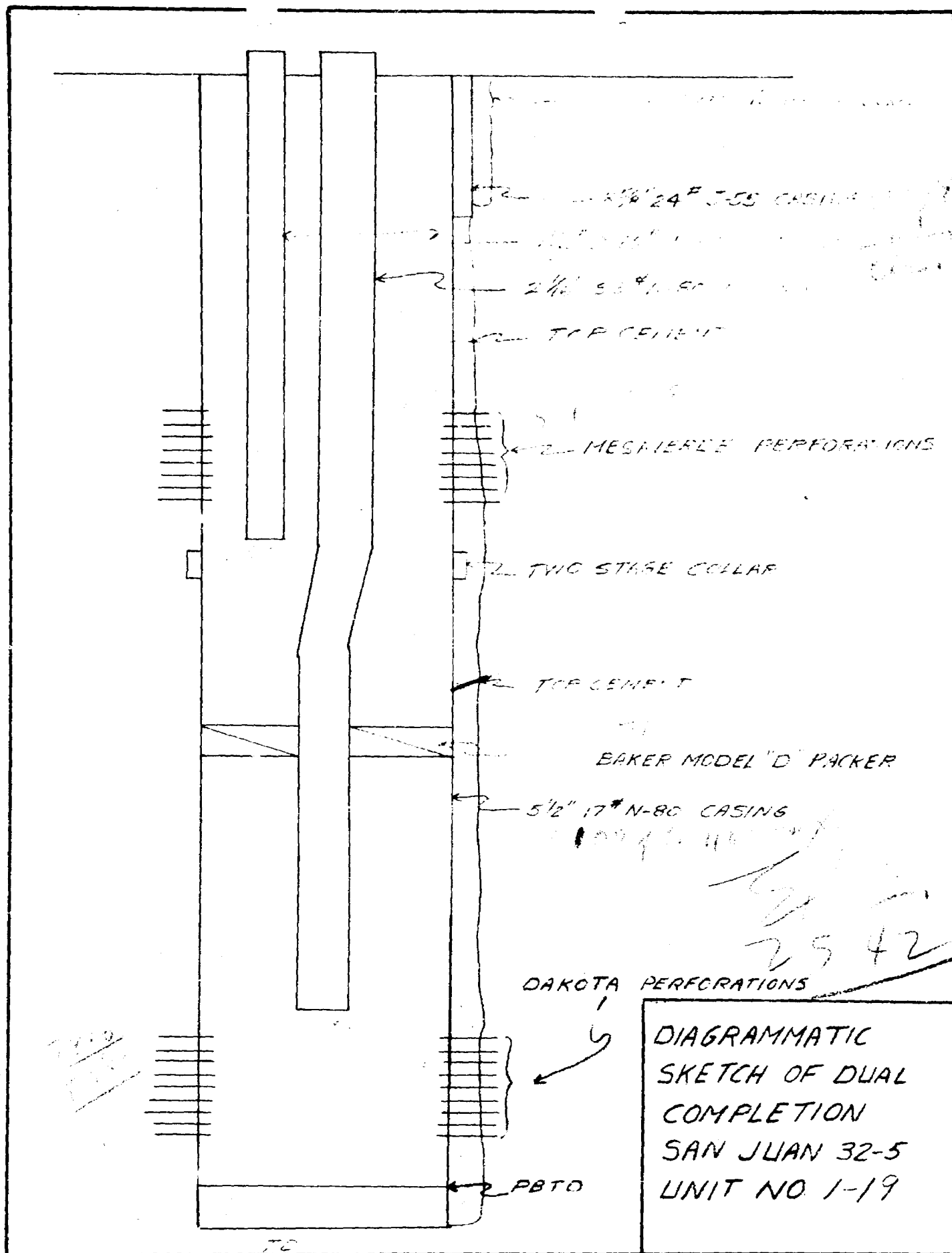
By 

William G. Webb  
Vice President

Exhibit 'A'



Rio Arriba Co., New Mexico  
scale - 1" = 2000'



DIAGRAMMATIC  
SKETCH OF DUAL  
COMPLETION  
SAN JUAN 32-5  
UNIT NO 1-19

Case 3542

EXHIBIT "B"

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
April 25, 1941

IN THE MATTER OF:

Application of La Plata Gathering System, Inc. for a dual completion, a non-standard gas proration unit, and an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete a gas well to be located at an unorthodox gas well location 1,980 feet from the south line and 734 feet from the East and West lines of Section 19, Township 32 North, Range 5 West, Rio Arriba County, as a dual completion (conventional) in the Blanco-Mesaverde and Basin-Dakota Gas Pools with the production of gas from the Dakota formation to be through a production of gas from the Dakota formation to be through a string of 2 1/16 inch tubing and the production of gas from the Mesaverde formation to be through a parallel string of 1 1/2 inch tubing. Applicant further seeks the establishment of a 355.25 acre non-standard gas proration unit in the afore-said pools comprising all of Sections 18 and 19, in said township to be dedicated to the above described well.

CASE  
2542

BEFORE:

Elivs A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 2542.

MR. MORRIS: Application of La Plata Gathering System Inc. for a dual completion, a non-standard gas proration unit.

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PHONE 325-1182

ALBUQUERQUE, N. M.  
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and an unorthodox gas well location, Rio Arriba County, New Mexico.

MR. FEDERICI: Mr. Federici and Mr. Seth for the Applicant. We have one witness, Mr. Frank Barnes.

MR. UTZ: Let the record show that he has been previously sworn. Let the record show that there are no further appearances.

FRANK C. BARNES, called as a witness, having been previously sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. FEDERICI:

Q Would you state your name, please, Mr. Barnes, and profession?

A Frank C. Barnes, consulting geologist, Santa Fe, New Mexico.

Q Are you familiar with the application of La Plata in this case 2542?

A Yes, sir, I am.

Q Would you tell the Examiner, please, briefly what the application is for?

A In this case the operator, La Plata Gathering System, is requesting an unorthodox gas well location and a non-standard gas proration unit consisting of 355.25 acres. The operator further requests approval of a conventional dual completion in a Mesaverde formation at an estimated depth of



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2,400 feet, and in the other direction 137,500 feet.

Q Do you have a plan showing the proposed location of the well?

A Yes, sir, I do.

(Whereupon, Applicant's Exhibit 1 marked for identification)

Q This has been marked Exhibit Number 1, is this the plat that you are referring to, too?

A Yes, sir.

Q Tell us briefly, if you would, what this plat shows?

A This plat shows the proposed location and the outline of the acreage in the non-standard proration unit in Sections 18 and 19, of Township 32, Range 5 West.

Q Why is a non-standard unit requested in this situation?

A The non-standard unit is requested in this situation because of non-standard sections. The Colorado State line cuts across the top of this township and eliminates the upper tier of sections from New Mexico and the Western tier of sections is only a little over a quarter of a mile wide although they are approximately the standard one mile length, that is north-south direction.

MR. UTZ: May I ask a question?

MR. FEDERICI: Excuse me.

MR. UTZ: I believe to expedite the situation I should state that the Commission has already considered



establishing non-standard units throughout this area and has already established this partial section 18 and 19 as a non-standard unit.

Q I was going to ask him for a case number.

A As a matter of fact, the first two items in this request were actually approved under the Commission Order R-2046, Case Number 2327, which was approved in August 14, 1951. The location and acreage in question being Tract J, Sections 18 and 19, Township 32 North, Range 5 West of this Order. The proposed location is actually the only one possible within the narrow sections that exist.

Q That being considered both the non-standard unit and the unorthodox location, is that correct?

A That's correct.

Q Covered both features of it?

A Correct.

Q Any further reference to those hearings?

A To correct that, that being covered the non-standard proration units in the irregular section, but I don't believe it actually covers the unorthodox location.

Q Why is this unorthodox under the rules?

A The unorthodox location, or the proposed location in this case is the only one that is possible within the narrow section that exists, 734 feet from the East and West lines places the proposed location in the approximate center of the

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section and 1,980 feet North of the South line places it in the South half of Section 19. This conforms to the Northeast, Southeast spacing pattern that's used in the general area and in the 32-5 unit.

Q This would be a normal location were it not too close to the section lines?

A That's correct. If it wasn't confined by the narrow section, it would be an orthodox location.

Q Would you tell us about the dual completion aspect of the case? Do you have a diagrammatic sketch?

(Whereupon, Applicant's Exhibit 2 marked for identification)

Q This has been marked Exhibit Number 2, is this the sketch that you are referring to?

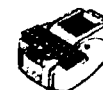
A Yes, sir, it is.

Q Would you discuss this exhibit?

A This sketch, Exhibit 2, shows the proposed well the way it is proposed to drill and complete the well. This is a perfectly normal completion for the area and, as a matter of fact, there is a Southwest diagonal offset to this location which is drilled by the operator and completed in this same manner. The operator --

Q Describe the completion.

A -- the operator proposes to use 8 and 5/8 inch surface casing which would probably be set at a depth of 300 feet plus



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PAGE 5

or minus, with 250 to 300 sacks of cement which would be circulated to the surface. The operator proposed to set a  $1\frac{1}{2}$  inch production string which would be set at approximately 4,100 feet with four hundred sacks of cement. The operator then proposed to set a packer above the Dakota sandstone and produce the Dakota sandstone through the 2 and  $1/16$  inch tubing and then to produce the Mesaverde formation which is the next producing zone up the hole through  $1\frac{1}{2}$  inch tubing. The 2 and  $1/16$  inch tubing in the packer would be set at approximately 7,775 feet, and  $1\frac{1}{2}$  inch tubing would be set at approximately 5,800 feet.

Q Does this exhibit show the perforations in the two zones, the depth of the perforations?

A Yes, it does. It shows the perforations, but it doesn't show the depth, these perforations would probably occur at an estimated depth for Mesaverde formation, 5,400 to 5,870 feet, and an estimated depth and interval for the Dakota sandstone of 7,910 feet to 8,080 feet. That would be subject to correction depending on the actual surface location of the well.

Q Is this a type of completion that is relatively common in this area?

A Yes, it is.

Q Have the operators had satisfactory experience with this?

A Yes, they have.



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Q And the packer is of a typical type?

A That's right. It's a three packer of standard type that's used in the area and in other fields.

Q Would you anticipate any serious mechanical problems involved?

A No, there would be no reason to expect any unusual or serious mechanical problems of any kind in this completion or in this well.

Q Would the completion program be such as to prevent comingling between the two?

A Yes, sir, it would.

Q Do Exhibit 1 and 2 accurately represent the material they purport to show?

A Yes, they do.

MR. FEDERICI: I would like to offer Exhibit 1 and 2.

MR. UTZ: Without objection Exhibit 1 and 2 will be entered into the record.

(Whereupon, Applicant's Exhibits 1 and 2 were admitted to the record.)

MR. FEDERICI: That's all the questions we have.

CROSS EXAMINATION

BY MR. UTZ:

Q Was the 400 sacks that you proposed lined the five and a half inch casing contained in both stages of the cementing?

I notice they have a two stage collar between the packer and the



base of the Mesaverde.

A That would be the total probably. The total amount of cement that would be used in both stages and it is anticipated that the cement job would bring the top of the cement above the Mesaverde formation some distance up into the Lewis shale and sufficient distance to protect any formation either above or below it.

MR. UTZ: Are there other questions? The witness may be excused.

(Witness excused)

MR. UTZ: Any statements in this case? The case will be taken under advisement.

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STATE OF NEW MEXICO )  
 ) ss  
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Notary Public, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing was reported by me in Stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 25th day of April, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

*Ada Dearnley*  
NOTARY PUBLIC

My Commission Expires:

June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2572, heard by me on *Apr. 25* 1962.

*Shirley A. Velt*, Examiner  
New Mexico Oil Conservation Commission



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2542  
Order No. R-2232

APPLICATION OF LA PLATA GATHERING  
SYSTEM, INC. FOR A DUAL COMPLETION  
AND FOR AN UNORTHODOX GAS WELL  
LOCATION, 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 April 25, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 3rd day of May, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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 the applicant, La Plata Gathering System, Inc., is the owner and operator of partial Sections 18 and 19, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, which have been established by Order No. R-2046 as a 355.25-acre non-standard gas proration unit.

(3) That the applicant proposes to locate its San Juan 32-5 Unit Well No. 1-19 at an unorthodox location 734 feet from the West line and 1980 feet from the South line of said Section 19, and to complete said well as a dual completion (conventional) in the Blanco-Mesaverde and Basin-Dakota Gas Pools with the production of gas from the Dakota formation to be through a string of 2 1/16-inch tubing and the production of gas from the Mesaverde formation to be through a parallel string of 1 1/2-inch tubing.

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

-2-

CASE No. 2542  
Order No. R-2232

(5) That approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, La Plata Gathering System, Inc., is hereby authorized to locate its San Juan 32-5 Unit Well No. 1-19 at an unorthodox gas well location 734 feet from the West line and 1980 feet from the South line of Section 19, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Said well shall be dedicated to a 355.25-acre non-standard gas proration unit in the Blanco-Mesaverde and Basin-Dakota Gas Pools consisting of partial Sections 18 and 19 in said township.

(2) That the applicant is hereby authorized to complete the subject well as a dual completion (conventional) in the Blanco-Mesaverde and Basin-Dakota Gas Pools with the production of gas from the Dakota formation to be through a string of 2 1/16-inch tubing and the production of gas from the Mesaverde formation to be through a parallel string of 1 1/2-inch tubing.

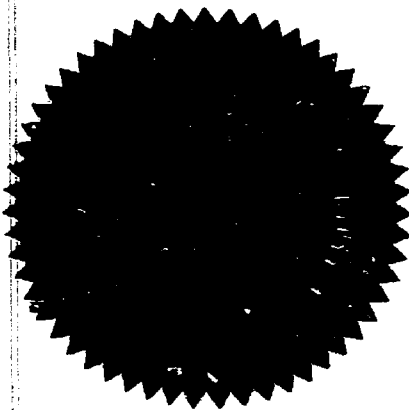
PROVIDED HOWEVER, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations.

PROVIDED FURTHER, That the applicant shall conduct packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Dakota formation, and at such other times as the Secretary-Director of the Commission may prescribe.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

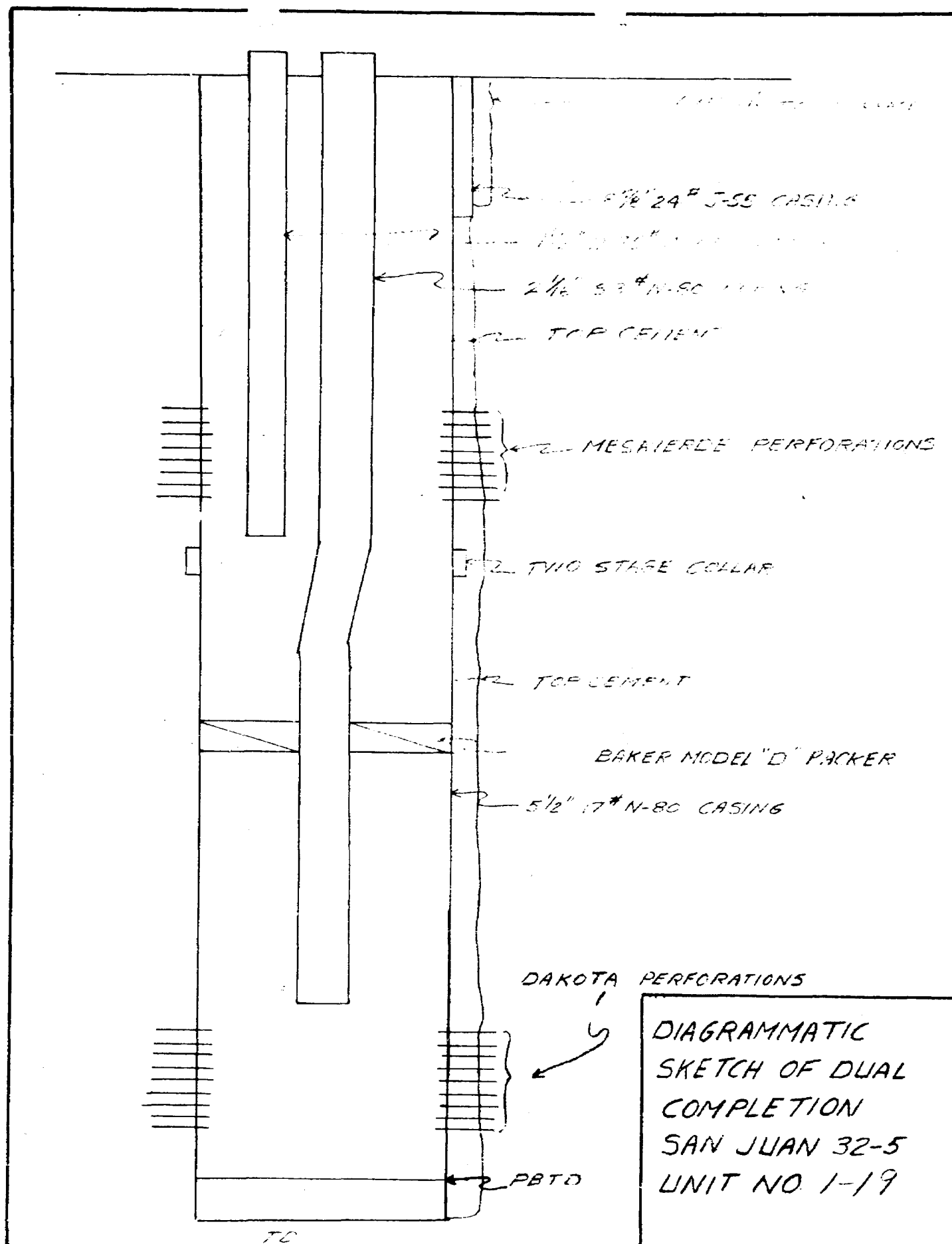


esr/

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

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

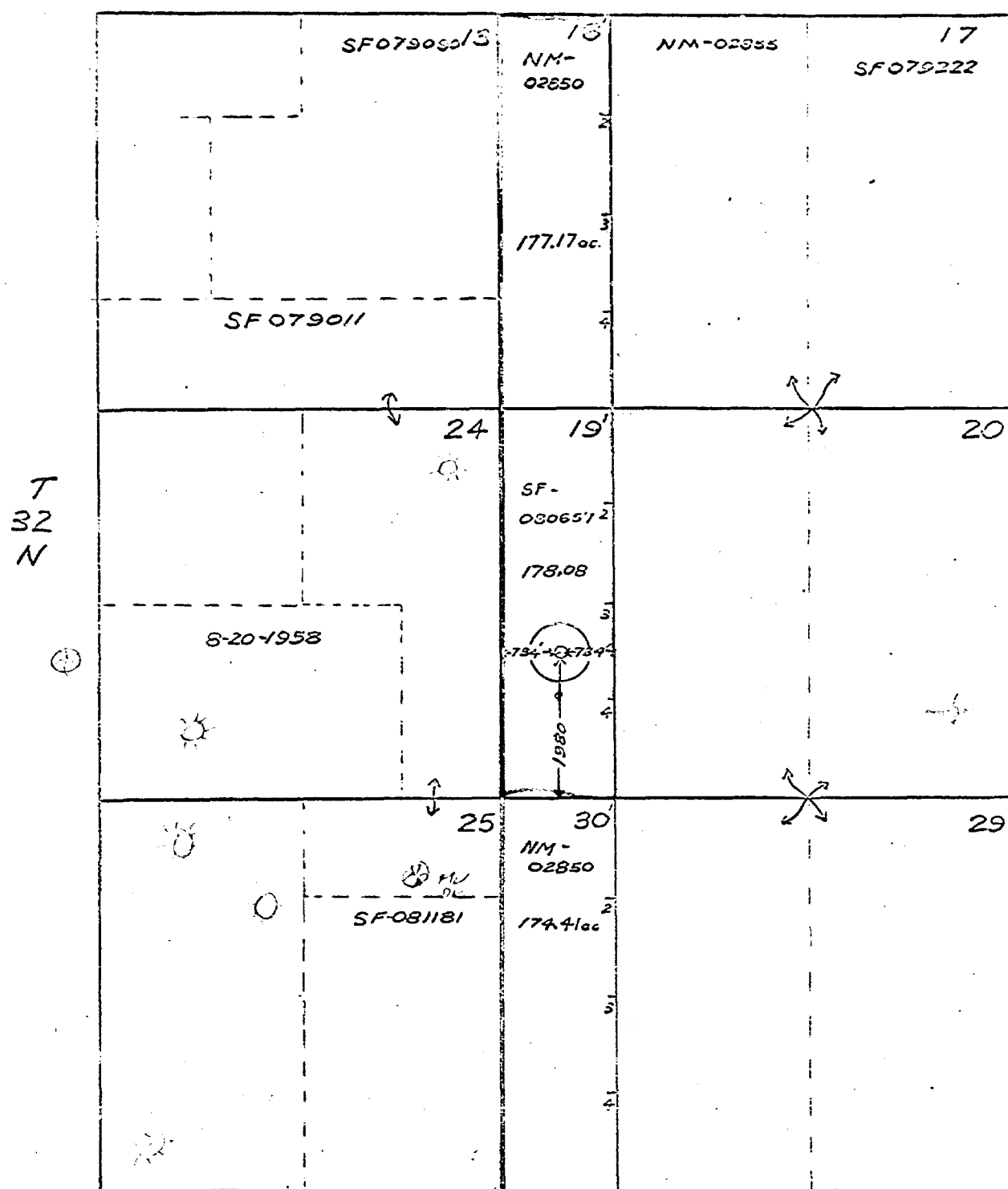


DIAGRAMMATIC  
SKETCH OF DUAL  
COMPLETION  
SAN JUAN 32-5  
UNIT NO. 1-19

Exhibit 2 Cu. 7542 EXHIBIT B" Plate



## R5W



$E_x \cdot I$

Case # 2592

*Rio Arriba Co., New Mexico*

Scale - 1" = 2000'

177.17  
179.08  
256.25