DRY LAKE UNIT

Lea County, New Mexico

Order No. R-280, Approving the Dry Lake Unit, Lea County, New Mexico, Dated February 27, 1953

The application of Texas Pacific Coal and Oil Company for approval of a proposed unit agreement for the development and operation of Dry Lake Unit Area consisting of 1280 acres situated in Townships 13 and 14 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

CASE NO. 473
Order No. R-280

ORDER OF THE COMMISSION

BY THE COMMISSION: This matter came on for hearing at Santa Fe, New Mexico, at 9 o'clock a.m., February 17, 1953, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the Commission.

NOW, on this 27th day of February, 1953, the Commission, having before it for consideration the testimony adduced at the hearing of said case 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 proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

That the order herein shall be known as the:

DRY LAKE UNIT AGREEMENT ORDER

SEC. 1. (a) That the project herein shall be known as the Dry Lake Unit Agreement and shall hereafter be referred to as the "Project."

(b) That the plan by which the Project shall be operated shall be embraced in the form of a unit agreement for the development and operation of the Dry Lake Unit Area referred to in the Petitioner's petition and filed with said petition, and such plan shall be known as the Dry Lake Unit Agreement Plan.

SEC. 2. That the Dry Lake Unit Agreement shall be, and hereby is approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval of said agreement shall not be considered as waiving or relinquishing in any manner any rights, duties, or obligations which are now or may hereafter be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said Dry Lake Unit Agreement or relative to the production of oil or gas therefrom.

SEC. 3. (a) That the Unit Area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

Township 13 South, Range 32 East,
Sec. 33: All
Township 14 South, Range 32 East,
Sec. 4: All
Containing 1280 acres, more or less, all of which are state lands.

(b) The Unit Area may be enlarged or contracted as provided in said Plan.

SEC. 4. That the Unit Operator shall file with the Commis- the Dry Lake Unit Agreement not later than 30 days after the sion an executed original or executed counterpart thereof of effective date thereof.

SEC. 5. That any party owning rights in the unitized substances who does not commit such rights to said Unit Agreement before the effective date thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof. The unit operator shall file with the Commission within 30 days an original or any such counterpart.

SEC. 6. That this order shall become effective upon approval of the Commissioner of Public Lands of the State of New Mexico and shall terminate ipso facto on the termination of said unit agreement. The last unit operator shall immediately notify the Commission, and the Commissioner of Public Lands, in writing of such termination.

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

32-5 UNIT

San Juan and Rio Arriba Counties, New Mexico

Order No. R-283, Approving the 32-5 Unit, San Juan and Rio Arriba Counties, New Mexico, Dated February 27, 1953

The application of Stanolind Oil and Gas Company for the approval of the San Juan 32-5 Unit Area, embracing 25,937.96 acres, more or less, located in Township 31 North, Range 5 West, Township 32 North, Range 5 West, and Township 32 North, Range 6 West, N.M.P.M., San Juan and Rio Arriba Counties, New Mexico.

CASE NO. 491
Order No. R-283

ORDER OF THE COMMISSION

BY THE COMMISSION: This matter having come on for hearing at 9:00 o'clock a.m. on February 24, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the Commission.

NOW, on this 27th day of February, 1953, the Commission, a quorum being present, having before it for consideration the said application and the evidence introduced in support thereof, and being fully advised in the premises:

FINDS: That due public notice as required by law having been given, the Commission has jurisdiction of this cause and the subject matter thereof;

That the proposed unit agreement and plan will in principle tend to promote the conservation of oil and gas and to prevent waste;

IT IS THEREFORE ORDERED:

SEC. 1. That this Order shall be known as the:

"32-5 UNIT AGREEMENT ORDER"

SEC. 2. That the plan by which the project or unit will be operated shall be embraced in the form of a unit agreement for the development and operation of the 32-5 Unit Area referred to in the petition of the petitioner and filed with the petition. Such plan shall be known as the 32-5 Unit Agreement Plan.

SEC. 3. The 32-5 Unit Agreement Plan shall be and is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said Unit Agreement this approval shall not be considered as waiving or relinquishing in any manner any rights, duties or obligations which now or may hereafter be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations or exploration and development of any lands committed to the said 32-5 Unit Agreement or relative to the production of oil or gas therefrom.

(32-5 UNIT—Cont'd.)

SEC. 4. The Unit Area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

T-31-N, R-5-W
Secs. 1 and 2: All
T-32-N, R-5-W
Secs. 7 through 36, inclusive: All
T-32-6, R-6-W
Sec. 9: NW/4, E/2
Secs. 10 through 15, inclusive: All
Sec. 16: E/2
Sec. 21: E/2
Secs: 22 through 27, inclusive: All
Sec. 23: E/2

Total Unit Area embraces 25,937.96 acres, more or less.

SEC. 5. That the unit operator shall file with the Commission an executed original or executed counterpart of the 32-5 Unit Agreement not later than thirty (30) days after the effective date thereof.

SEC. 6. That any party owning rights in the unitized substances who did not commit such rights to said unit agreement before the effective day thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof or by ratifying the same. The unit operator shall file with the Commission within thirty (30) days an original of such counterpart or ratification.

SEC. 7. That this Order shall become effective upon the approval thereof by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey, and shall terminate ipso facto on the termination of the said unit agreement. The last unit operator shall immediately notify the Commission in writing of such termination.

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

The matter of the application of Stanolind Oil and Gas Company for approval of the San Juan 32-5 Unit Area, embracing 25,937.96 acres, more or less, in Township 31 North, Range 5 West: Township 32 North, Range 5 West: and Township 32 North, Range 6 West, N.M.P.M., San Juan and Rio Arriba Counties, New Mexico.

CASE NO. 491
Order No. R-283 A

NUNC PRO TUNC ORDER OF THE COMMISSION

It appearing to the Commission that the order heretofore entered in the above-mentioned cause is not a correct statement of fact, in that operator's original petition and subsequent advertisement and order described the land encompassed in Township 32 North, Range 6 West, N.M.P.M., of the projected unit as:

Township 32 North, Range 6 West
Sec. 9: NW/4, E/2;
Secs. 10 through 15, incl: all;
Sec. 16: E/2;
Sec. 21: E/2;
Secs. 22 through 27, incl.: all;
Sec. 23: E/2

when it should have been shown as:

Township 32 North, Range 6 West
Sec. 9: NW/4, E/2;
Secs. 10 through 15, incl.: all;
Sec. 16: E/2;
Sec. 21: E/2;
Secs. 22 through 27, incl.: all;
Sec. 28/ E/2

and Stanolind Oil and Gas Company having submitted amended application whereby application was changed to conform with the correct description.

THEREFORE, IT IS HEREBY ORDERED, that Order R-283, heretofore entered and distributed by this Commission under date of February 27, 1953, be and the same hereby is corrected to conform to the actual intent of the operator and of the Commission, and that the final portion of the land description as set forth in Section 4 of the order be corrected to read as follows:

Township 32 North, Range 6 West
Sec. 9: NW/4, E/2;
Secs. 10 through 15, incl.: all;
Sec. 16: E/2;
Sec. 21; E/2;
Secs. 22 through 27, incl: all;
Sec. 28: E/2

And said Order R-283 in all other respects is hereby ratified and conformed.

IT IS FURTHER ORDERED: That this order correcting the record of said order be entered nunc pro tunc as of February 27, 1953, to conform with issuance date of original order.

DONE this 16th day of April, 1953.

THORN UNIT

Otero County, New Mexico

Order No. R-284, Approving the Thorn Unit, Otero County, New Mexico, Dated February 27, 1953

The application of Stanolind Oil and Gas Company for the approval of a unit agreement for the Thorn Unit Area, embracing 5,410.46 acres, more or less, located in Township 21 South, Range 14 East, N.M.P.M., Otero County, New Mexico.

CASE NO. 492
Order No. R-284

ORDER OF THE COMMISSION

BY THE COMMISSION: This matter having come on for hearing at 9:00 o'clock a.m. on February 24, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the Commission.

NOW, on this 27th day of February, 1953, the Commission, a quorum being present, having before it for consideration the said application and the evidence introduced in support thereof, and being fully advised in the premises:

FINDS: That due public notice as required by law having been given, the Commission has jurisdiction of this cause and the subject matter thereof;

That the proposed unit agreement and plan will in principle tend to promote the conservation of oil and gas and to prevent waste;

IT IS THEREFORE ORDERED:

SEC. 1. That this Order shall be known as the:

"THORN UNIT AGREEMENT ORDER"

SEC. 2. That the plan by which the project or unit will be operated shall be embraced in the form of a unit agreement for the development and operation of the Thorn Unit Area referred to in the petition of the petitioner and filed with the petition. Such plan shall be known as the Thorn Unit Agreement Plan.

SEC. 3. The Thorn Unit Agreement Plan shall be and is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said Unit Agreement this approval shall not be considered as waiving or relinquishing in any manner any rights, duties or obligations which now or may hereafter be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations or exploration and development of any lands committed to the said Thorn Unit Agreement or relative to the production of oil or gas therefrom.

CMD : ONGARD 07/06/00 10:24:49
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQHV
PAGE NO: 1

Sec : 19 Twp : 32N Rng : 05W Section Type : NORMAL

		1 44.50 Federal owned U	1 44.50 Federal owned U
		2 44.52 Federal owned U	2 44.52 Federal owned U

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

355.25

CMD : ONGARD 07/06/00 10:24:57
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQHV
PAGE NO: 2

Sec : 19 Twp : 32N Rng : 05W Section Type : NORMAL

		3 44.52 Federal owned U	3 44.52 Federal owned U
		4 44.54 Federal owned U A	4 44.54 Federal owned U A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 07/06/00 10:25:47
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQHV
PAGE NO: 1

Sec : 18 Twp : 32N Rng : 05W Section Type : NORMAL

		1 44.48 Federal owned U	1 44.48 Federal owned U
		2 44.13 Federal owned U	2 44.13 Federal owned U

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD : ONGARD 07/06/00 10:25:51
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQHV
PAGE NO: 2

Sec : 18 Twp : 32N Rng : 05W Section Type : NORMAL

		3 44.15 Federal owned U	3 44.15 Federal owned U
		4 44.41 Federal owned U	4 44.41 Federal owned U

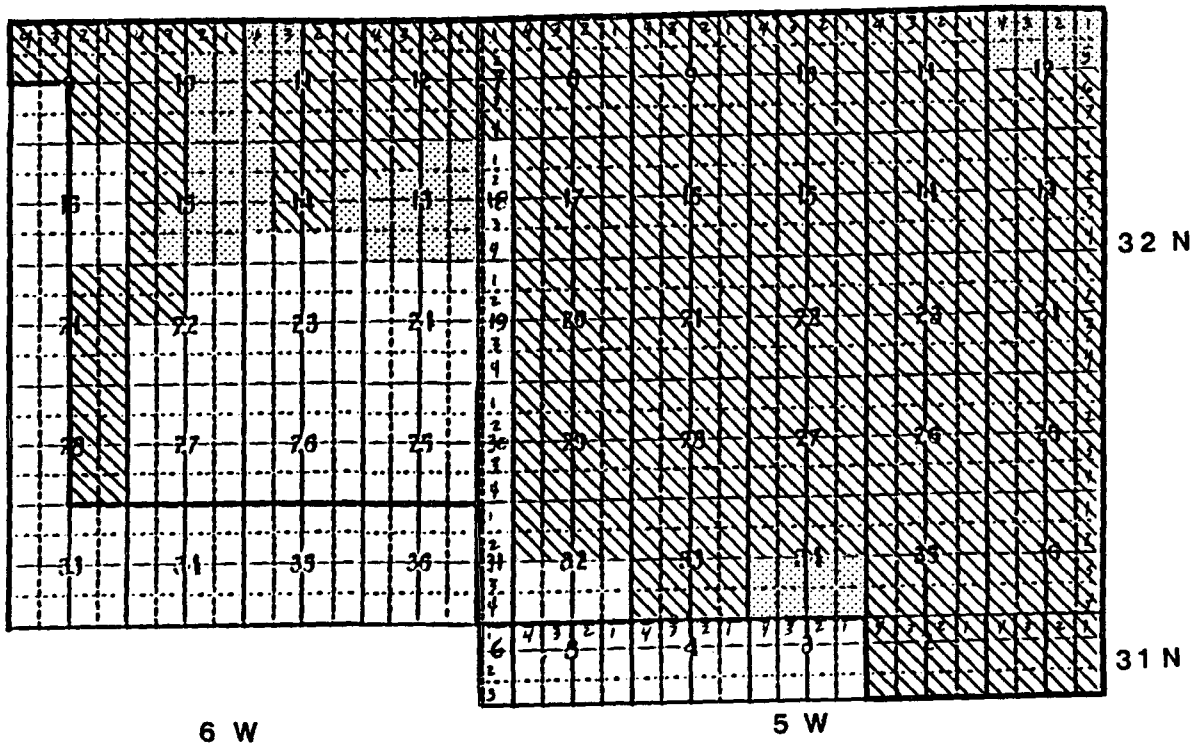
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

```
CMD :                              ONGARD                          07/06/00 10:25:19
OG6C101              C101-APPLICATION FOR PERMIT TO DRILL                OGOMES -TQHV

OGRID Idn       : 162928 API Well No: 30  39 26427 APD Status(A/C/P): A
Opr Name,  Addr: ENERGEN RESOURCES CORPORATION    Aprvl/Cncl Date  : 06-22-2000
                 2198 BLOOMFIELD HWY
                 FARMINGTON,NM 87401

Prop Idn:  21996 SAN JUAN 32 5 UNIT                              Well No:   1 R

                U/L Sec  Township Range  Lot Idn  North/South      East/West
                --- ---  -------- -----  -------  ------------   ------------
Surface Locn : 4    19   32N      05W             FTG  455 F S   FTG 1275 F E
OCD U/L      : P    API County :  39

Work typ(N/E/D/P/A)      : N Well typ(O/G/M/I/S/W/C): G   Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation :  6398

State Lease No:            Multiple Comp (S/M/C)    : S
Prpsd Depth    :  6192 Prpsd Frmtn    : BLANCO MESAVERDE

        E0009: Enter data to modify record
PF01 HELP    PF02          PF03 EXIT    PF04 GoTo    PF05          PF06 CONFIRM
PF07         PF08          PF09 PRINT   PF10 C102    PF11 HISTORY PF12
```

SAN JUAN 32-5

RIO ARRIBA & SAN JUAN COUNTIES
NEW MEXICO

No. 14-08-001-534 EFFECTIVE 3-30-53



ELIMINATION I

ELIMINATION II

gulram, inc.

petroleum engineering and government regulation consultants

1-1-87

UNIT NAME: SAN JUAN 32-5 UNIT AREA
CONTRACT NUMBER: 14-08-001-534
APPROVAL DATE: 3-30-53
EFFECTIVE DATE: 3-30-53
ACREAGE TOTAL: 25,955.42 (20,371.09 FED.; 960.00 STATE; 4,624.33 FEE)
TYPE: EXPLORATORY
UNITIZED FORMATION: ALL
AUTOMATIC ELIMINATION DATE: 7-9-64: NEW ACREAGE: 7,566.70
9-1-77: NEW ACREAGE: 5,180.84 (3,260.84 FED; 640.00 STATE; 1,280.00 FEE)
OPERATOR: EL PASO NATURAL GAS COMPANY

PARTICIPATING AREAS

Name: DAKOTA INITIAL
Well Name: #2-26
Location: NE/4 26-32N-6W
Effective Date: 8-22-60
Legal Description: W/2 sec. 25; E/2 sec. 26, T.32N.,R.6W.
Acres added: 640.00
Total Acres: 640.00

Name: DAKOTA 1ST REVISION
Well Name: #2-25
Location: NE/4 25-32N-6W
Effective Date: 11-1-60
Legal Description: Lots 1,2 sec. 30, T.32N.,R.5W.; E/2 sec. 25, T.32N.,R.6W.
Acres added: 407.81
Total Acres: 1047.81

Name: DAKOTA 2ND REVISION
Well Name: #1-23,1-24
Location: 23,24-32N-6W
Effective Date: 12-1-60
Legal Description: S/2 sec. 23; S/2 sec. 24; NW/4 sec. 26, T.32N.,R.6W.
Acres added: 800.00
Total Acres: 1847.81

Name: DAKOTA 3RD REVISION
Well Name: #3-26
Location: NW/4 26-32N-6W
Effective Date: 6-1-61
Legal Description: SW/4 sec. 26, T.32N.,.R6W.
Acres added: 160.00
Total Acres: 2007.81

SAN JUAN 32-5 UNIT CONTINUED

Name: DAKOTA 4TH REVISION
Well Name: #2-23
Location: NE/4 23-32N-6W
Effective Date: 7-1-61
Legal Description: S/2S/2 sec. 14; N/2 sec. 23; NW/4 sec. 24, T.32N.,R.6W.
Acres added: 640.00
Total Acres: 2647.81

Name: DAKOTA 5TH REVISION
Well Name: #1-27
Location: NE/4 27-32N-6W
Effective Date: 10-1-61
Legal Description: SE/4 sec. 22; ALL sec. 27, T.32N.,R.6W.
Acres added: 800.00
Total Acres: 3447.81

Name: DAKOTA 6TH REVISION
Well Name: #1-22
Location: SE/4SE/4 22-32N-6W
Effective Date: 1-1-62
Legal Description: SW/4,NE/4 sec. 22, T.32N.,R.6W.
Acres added: 320.00
Total Acres: 3767.81

NON-COMMERCIAL WELLS:

#1-20 SW/4 20-32N-5W
#1-31 NE/4 31-32N-5W

UNIT NAME: SAN JUAN 32-5 UNIT AREA
CONTRACT NUMBER: 14-08-001-534
APPROVAL DATE: 3-30-53
EFFECTIVE DATE: 3-30-53
ACREAGE TOTAL: 25,955.42 (20,371.09 FED.; 960.00 STATE; 4,624.33 FEE)
TYPE: EXPLORATORY
UNITIZED FORMATION: ALL
AUTOMATIC ELIMINATION DATE: 7-9-64: NEW ACREAGE: 7,566.70
9-1-77: NEW ACREAGE: 5,180.84 (3,260.84 FED; 640.00 STATE; 1,280.00 FEE)
OPERATOR: EL PASO NATURAL GAS COMPANY

PARTICIPATING AREAS

Name: FRUITLAND INITIAL
Well Name: #2
Location: SW/4 35-32N-5W
Effective Date: 11-21-53
Legal Description: W/2 sec. 35, T.32N.,R.5W.
Acres added: 320.00
Total Acres: 320.00

TERMINATED 7-9-64

UNIT NAME: SAN JUAN 32-5 UNIT AREA
CONTRACT NUMBER: 14-08-001-534
APPROVAL DATE: 3-30-53
EFFECTIVE DATE: 3-30-53
ACREAGE TOTAL: 25,955.42 (20,371.09 FED.; 960.00 STATE; 4,624.33 FEE)
TYPE: EXPLORATORY
UNITIZED FORMATION: ALL
AUTOMATIC ELIMINATION DATE: 7-9-64: NEW ACREAGE: 7,566.70
9-1-77: NEW ACREAGE: 5,180.84 (3,260.84 FED; 640.00 STATE; 1,280.00 FEE)
OPERATOR: EL PASO NATURAL GAS COMPANY

PARTICIPATING AREAS

Name: MESAVERDE INITIAL
Well Name: #4-16
Location: 16-32N-6W
Effective Date: 10-29-55
Legal Description: E/2 sec. 16, T.32N.,R.6W.
Acres added: 320.00
Total Acres: 320.00

Name: MESAVERDE 1ST REVISION
Well Name: #1-26
Location:
Effective Date: 7-1-59
Legal Description: W/2 sec. 26, T.32N.,R.6W.
Acres added: 320.00
Total Acres: 640.00

Name: MESAVERDE 2ND REVISION
Well Name: #1-32
Location: 32-32N-5W
Effective Date: 9-1-59
Legal Description: S/2 sec. 32, T.32N.,R.5W.
Acres added: 320.00
Total Acres: 960.00

Name: MESAVERDE 3RD REVISION
Well Name: #1-25
Location: 1-32N-6W
Effective Date: 6-1-60
Legal Description: W/2 sec. 25; E/2 sec. 26, T.32N.,.R6W.
Acres added: 640.00
Total Acres: 1600.00

SAN JUAN 32-5 UNIT CONTINUED

Name: MESAVERDE 4TH REVISION
Well Name: #1-31
Location: 31-32N-5W
Effective Date: 11-1-60
Legal Description: Lots 1-4 sec. 30; Lots 1-4 sec. 31, T.32N.,R.5W.; E/2 sec. 25, T.32N.,R.6W.
Acres added: 665.59
Total Acres: 2265.59

Name: MESAVERDE 5TH REVISION
Well Name: #2-23
Location: 23-32N-6W
Effective Date: 8-1-61
Legal Description: E/2 sec. 23, T.32N.,R.6W.
Acres added: 320.00
Total Acres: 2585.59

Name: MESAVERDE 6TH REVISION
Well Name: #2-24
Location: 24-32N-6W
Effective Date: 2-1-62
Legal Description: ALL sec. 24, T.32N.,R.6W.
Acres added: 640.00
Total Acres: 3225.59

Name: MESAVERDE 7TH REVISION
Well Name: #2-27
Location: 27-32N-6W
Effective Date: 9-1-62
Legal Description: E/2 sec. 27, T.32N.,R.6W.
Acres added: 320.00
Total Acres: 3545.59

Name: MESAVERDE 8TH REVISION
Well Name: #1-19
Location: 19-32N-5W
Effective Date: 12-1-62
Legal Description: Lots 1-4 sec. 18; Lots 1-4 sec. 19, T.32N.,R.5W.
Acres added: 355.25
Total Acres: 3900.84

NON-COMMERCIAL WELLS:

#1-20 SW/4 20-32N-5W

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME
San Juan 32-5 Unit

2. NAME OF OPERATOR
El Paso Natural Gas Company

8. FARM OR LEASE NAME
San Juan 32-5 Unit

3. ADDRESS OF OPERATOR
Post Office Box 4289, Farmington, NM 87499

9. WELL NO.
1X

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) See also space 17 below.)
At surface 1680'S, 734'E

RECEIVED
JUN 02 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.19, T-32-N, R-05-W
N.M.P.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The permanent dry hole marker is labeled and in place on this location. This location is ready for final inspection.

RECEIVED
JUN 05 1986
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Peggy Cook TITLE Drilling Clerk DATE 06-02-86

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE JUN 03 1986

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: S. J. 32-5 Unit

2. NAME OF OPERATOR: El Paso Natural Gas Company

8. FARM OR LEASE NAME: S. J. 32-5 Unit

3. ADDRESS OF OPERATOR: P. O. Box 4289 Farmington, NM

9. WELL NO.: 1-X

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1600'S - 734'E

RECEIVED
OCT - 3 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Blanco MV & Basin Dk

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T32N, R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6300 GL

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Surface rehabilitation and re-seeding have been completed.

Pat Lee

RECEIVED
OCT 09 1984
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Peggy Bradfield TITLE Drilling Clerk DATE October 3, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
OCT 05 1984
FARMINGTON RESOURCE AREA
BY _____

NMOCC

*See Instructions on Reverse Side

NORTHWEST PIPELINE CORPORATION
295 Chipeta Way
P. O. Box 8900
Salt Lake City, Utah 84108-0900

NOTICE OF DISCONNECT

DATE 6-13-84

THIS IS TO NOTIFY THE OIL CONSERVATION DIVISION THAT A DISCONNECT ON

EL PASO NATURAL GAS Operator	San Juan 32-5 Unit #1X Well Name
73586 Meter Code	I Site Code Well Unit
19-32N-5W S-T-R	Blanco MV Pool
NORTHWEST PIPELINE CORP. Name of Purchaser	8-13-82 Date

DUE TO Well does not produce

F
D'39
EPG

RECEIVED
JUN 18 1984
OIL CON. DIV.
DIST. 3

NORTHWEST PIPELINE CORP.
Purchaser

Lillian Eaton Le
Representative

Proration Analyst
Title

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
El Paso Natural Gas Co.

3. ADDRESS OF OPERATOR
P. O. Box 4289 Farmington, NM 87499-4289

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1680' S, 734' E, T-32-N, R-5-W
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 32-5 Unit

8. FARM OR LEASE NAME
San Juan 32-5 Unit

9. WELL NO.
1 X

10. FIELD OR WILDCAT NAME
Blanco MV & Basin Dk

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T-32-N, R-5-W

12. COUNTY OR PARISH: Rio Arriba
13. STATE: NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6300' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
OCT 27 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED
NOV 4 - 1983
OIL CON. DIV.
DIST. 3

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FINAL REPORT

Surface rehabilitation and reseeding have been completed.
Location is ready for inspection.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Mark Manson TITLE Prod. Engineer DATE October 27, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
NOV 02 1983
FARMINGTON RESOURCE AREA
BY [illegible]

*See Instructions on Reverse Side

MOCC

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

RECEIVED
FEB 07 1985
OIL CON. DIV.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 289, Farmington, N.M. 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1680'S & 734'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 32-5 Unit

8. FARM OR LEASE NAME
San Juan 32-5 Unit

9. WELL NO.
1-X (MD)

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde, Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 19, T-32-N, R-5-W

12. COUNTY OR PARISH: Rio Arriba
13. STATE: New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6300' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒
(other)			

RECEIVED
SEP 1 1982
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following plug and abandonment operation was completed 9-1-82: POOH w/ 166 jts 1½" tubing and layed down, spotted a 23 sx class B cement plug (interval 7780'-7874'). Cut 2 3/8" tubing off above packer @ 7720', spotted a 12 sx cement plug on top of packer and tubing stub (interval 7780'-7670'). Spotted an 14 ~~8~~ sx cement plug across Gallup top interval (6774'-6874'). POOH w/ 2 3/8" tubing & RIH w/ Baker model N-1 bridge plug and set @ 5330' spotted a 50' cement plug on ~~retainer~~ bridge plug (interval 5280'-5330'). Perfd 7 5/8" casing w/ 4 squeeze holes @ 3073'. RIH w/ Baker model "K-1" cement retainer and set @ 3033' squeeze cemented Pictured Cliffs and Fruitland formations w/ 71 sx cement, (interval 2800'-3073') pulled out of retainer w/ tubing and spotted a 52 sx plug on top of retainer (interval 2800'-3033'). Layed down workstring. RU casing jacks and pulled on 7 5/8" casing. Recovered 928' of casing. Perforated 7 5/8" casing @ 2300' w/ 4 shots. RIH w/ 2 3/8" tubing to 2307', spotted a 41 sx (over)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Mark Manson TITLE Production Engineer DATE September 14, 1982

(This space for Federal or State office use)

APPROVED AS AMENDED
FEB 06 1985
J. M. MILLENBACH
AREA MANAGER

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

*See Instructions on Reverse Side

NMOCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

(Continued)
cement plug across Ojo Alamo (interval 2200'-2300'), pulled up to ~~1378'~~ 1027' w/ workstring and spotted a 72 sx cement plug across casing stub and covered the 10 3/4" casing shoe (interval 878'-1027') pulled up to 50' w/ tubing and spotted a 21 sx plug to surface inside of 10 3/4" casing, cut off well head errected surface marke RD and moved off.

perforated at 102

GPO : 1976 O - 214-149

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 29 1982

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 289 Farmington, N.M. 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1680'S, and 734'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 32-5 Unit

8. FARM OR LEASE NAME
San Juan 32-5 Unit

9. WELL NO.
1-X (MD)

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde, Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T-32-N, R-5-W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6300' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒	☐
(other)		

RECEIVED
JUN 18 1982
U.S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request approval to plug and abandon the subject well using the following procedure:

1) Spot a 23 sx cement plug across Dakota perfs by pumping down 2 3/8" tubing, through the packer yielding a cemented interval 7780'-7874' flush w/ 30 barrels of 9 lb/gal gel.
2) TOOH w/ 166 joints of 1 1/2" tubing.
3a) Pull out of seal assembly w/ 2 3/8" tubing. (If tubing won't pull see 3b)
3b) Rig up wireline and run inside of 2 3/8" tubing with chemical tubing cutter and shoot off at 7770'.
4) Pump down tubing w/ 33 barrels 9 lb gel.
Spot an 11 sx plug from 7780' to 7680'
Flush tubing w/ 30 barrels of 9 lb. gel. (Continued on attached page)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Production Engineer DATE June 7, 1982

(This space for Federal or State office use)

APPROVED BY [signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JUN 23 1982
For JAMES F. SIMS
DISTRICT ENGINEER

See Instructions on Reverse Side

NMOCC

San Juan 32-5 #1-X

(Plug and Abandonment Procedure Continued)

5) Pull up to 5766' with 2 3/8" tubing, (63 joints out) spot an 18 sack plug across the lower Mesa Verde perf yielding a cemented interval from 5666'-5766'. 39' of this plug is inside the 5 1/2" liner casing.

6) Pull up to 5428' with 2 3/8" tubing, (11 joints out) spot a 34 sack plug across the Mesa Verde formation top and perfs, yielding a 153' cemented interval from 5275'-5428'. T.O.O.H. with remaining 2 3/8" work string.

7) Will attempt to salvage approximately 3023' of 7 5/8" casing. If successful proceed to next step. If unsuccessful proceed to step (8a).

8) T.I.H. with 2 3/8" work string to 3073' and spot a 37 sack plug yielding a 100' cemented interval from 2973'-3073' covering the Pictured Cliffs formation top and the 7 5/8" casing stub. Flush tubing with 12 barrels of 9 lb. gel.

9) Pull up to 2900' with 2 3/8" work string, (6 joints out) spot a 45 sack plug across the Fruitland formation top yielding a cemented interval from 2800'-2900'. Flush tubing with 11 barrels 9 lb gel.

10) Pull up to 2300' with work string, (19 joints out) spot a 45 sack plug across the Ojo Alamo formation top, interval 2200'-2300'. Flush tubing with 9 barrels of gel.

11) Pull up to 1027' (40 joints out) spot a 46 sack plug across the 10 3/4" casing shoe, interval 927'-1027'. Flush tubing with 4 barrels gel.

12) Pull up to 50' and spot a 23 sack plug within the 10 3/4" casing to surface. Cut off the 16" and 10 3/4" casings below ground level, erect surface marker rig down and move off.

8a) Perforate 7 5/8" casing @ 3073' with squeeze holes. T.I.H. with 2 3/8" tubing to 3073', (97 joints). Squeeze cement with 112 sacks cement yielding a plug inside and out of the 7 5/8" casing, interval 2800'-3073', covering the Pictured Cliffs and Fruitland tops. Flush tubing with 12 barrels gel. T.O.O.H. with tubing.

(Plug and Abandonment Procedure Continued)

9a) Perforate 7 5/8" casing @ 2300' with squeeze holes. T.I.H. with work string to 2300' (73 joints). Squeeze cement with 41 sacks yielding a plug across the Ojo Alamo formation, interval 2300'-2200'. Flush tubing with 9 barrels gel. T.O.O.H. with tubing.

10a) Perforate 7 5/8" casing @ 1027' and squeeze cement with 50 sacks across the 10 3/4" casing shoe, interval 927'-1027'. Flush tubing with 4 barrels gel. T.O.O.H. with tubing and lay down.

11a) Perforate 7 5/8" casing @ 100' circulate a 47 sack cement plug to surface through casing - casing annulus.

12a) Cut off surface, intermediate, and production casings below ground level. Erect surface marker. Rig down and move off.

Mark Manson

Mark Manson
Production Engineer

MSM:te

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SANTA FE		1	
FILE		1	
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL	1	
	GAS	1	
OPERATOR		1	
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

I.

Operator: El Paso Natural Gas Company

Address: Box 990, Farmington, New Mexico 87401

Reason(s) for filing *(Check proper box)*

- New Well [ ]
- Recompletion [ ]
- Change in Ownership [ ]

Change in Transporter of:

- Oil [ ]
- Dry Gas [X]
- Casinghead Gas [ ]
- Condensate [ ]

Other *(Please explain)*

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
San Juan 32-5 Unit	1-X	Blanco Mesa Verde	State, Federal or Fee X	SF 080657

Location

Unit Letter I ; 1600 Feet From The South Line and 734 Feet From The East

Line of Section 19 Township 32N Range 5W , NMPM, Rio Arriba County

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [X]	Address *(Give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	Box 990, Farmington, New Mexico 87401
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address *(Give address to which approved copy of this form is to be sent)*
Northwest Pipeline Corporation	501 Airport Drive, Farmington, New Mexico 87401

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	I	19	32N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number: _____

V. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations *(DF, RKB, RT, GR, etc.)*	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

NO. OF COPIES RECEIVED		5	
DISTRIBUTION			
SANTA FE		1	
FILE		1	
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL	1	
	GAS	1	
OPERATOR		1	
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

I.

Operator: El Paso Natural Gas Company

Address: Box 990, Farmington, New Mexico 87401

Reason(s) for filing *(Check proper box)*

New Well [ ]
Recompletion [ ]
Change in Ownership [ ]

Change in Transporter of:
Oil [ ] Dry Gas [X]
Casinghead Gas [ ] Condensate [ ]

Other *(Please explain)*

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
San Juan 32-5 Unit	1-X	Blanco Mesa Verde	State, Federal or Fee X	SF 080657

Location

Unit Letter I : 1600 Feet From The South Line and 734 Feet From The East

Line of Section 19 Township 32N Range 5W , NMPM, Rio Arriba County

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [X]	Address *(Give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	Box 990, Farmington, New Mexico 87401
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address *(Give address to which approved copy of this form is to be sent)*
Northwest Pipeline Corporation	501 Airport Drive, Farmington, New Mexico 87401

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	I	19	32N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number: _____

V. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations *(DF, RKB, RT, GR, etc.)*	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

RECEIVED
FEB 5 1974
OIL CON. COM.
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

I. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Norm G. Brown
(Signature)

DRILLING CLERK
(Title)

FEB 4 1974
(Date)

OIL CONSERVATION COMMISSION

APPROVED FEB 7 1974, 19____

BY A R Kendrick

TITLE PETROLEUM ENGINEER DIST. NO. 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED JAN 11 1971 OIL CON. COM. DIST. 3

CONSERVATION DIV. 95 JUN

5. LEASE DESIGNATION AND SERIAL NO.: SF-080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: San Juan 32-5 Unit

2. NAME OF OPERATOR: La Plata Gathering System, Inc.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 1700 Mercantile Bank Bldg. Dallas, Texas 75201

9. WELL NO.: 1-19

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

T 32 N, R 5 W
Section 19: Lot 3
1,980' N of S Line and 734' W of E Line, Sec. 19

10. FIELD AND POOL, OR WILDCAT: Basin Dakota
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T32N, R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,294

12. COUNTY OR PARISH: Rio Arriba

13. STATE: N. Mex.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

All of the following information taken from Form 9-330 filed 6-26-63:

See report on San Juan 32-5 No. 1-X-19 - drilled 300 feet south of this well for formation date.

After drilling San Juan 32-5 No. 1-19 to 7,192' the well blew in on July 28, 1962 and it was impossible to complete it.

Cement was placed in the well as follows;

8/7/62 — 500 sacks with 7% Calseal and 1/2 Floseal/sx. Pumped in at pressures varying from 300# - 600#.

8/8/62 — 500 sacks cement with 10% Calseal. Pumped in same as on 8/7/62.

8/10/62 — 1500 sacks with 6% gel and 35# coarse gilsonite/sx cement. Followed this with 20% Calseal. Pumped in at pressures 700# - 200#.

8/15/62 — Shut-in pressure on wellhead rose to 800 psi. Mixed 500 sacks 50-50 Posmix with 25 Gilsonite/sx. & 4% Calseal. Pumped into well at pressures 1300#-700#.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Agent DATE 1-5-71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED JAN 7 1971 U. S. GEOLOGICAL SURVEY DURANGO, COLO.

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O—685229
GPO 837-499 867-851

8/16/62 Drilled out cement plug in interval 375' - 405'. Well came in and flowed. Could not be killed.

8/17/62 Mixed 500 sacks 50-50 Pozmix with 4% CaCl2 and 10% 20-40 Free sand. Pumped into well at maximum of 1500 Psi. Displaced cement with 32 barrels water. Cement job done with three 167 sack stages - with 30 barrels H-2-0 between each stage.

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator	Lease	Well No.
El Paso Natural Gas Company	San Juan 32-5 Unit	1-X (MD)

Unit Letter	Section	Township	Range	County
I	19	32N	5W	Rio Arriba

Pool	Kind of Lease (State, Fed, Fee)
Blanco Mesa Verde	Federal

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
	I	19	32N	5W

Authorized transporter of oil [ ] or condensate [X]	Address (give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 990, Farmington, New Mexico

Is Gas Actually Connected? Yes X No ____

Authorized transporter of casing head gas [ ] or dry gas [X]	Date Connected	Address (give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	9-9-63	Box 990, Farmington, New Mexico

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well . . . . . [ ]
Change in Transporter (check one)
Oil . . . . . [ ] Dry Gas . . . . [ ]
Casing head gas . [ ] Condensate . . [ ]

Change in Ownership . . . . . [ ]
Other (explain below)

Change in Operator

Remarks

This well was originally drilled & operated by La Plata Gathering System, Inc. as the San Juan 32-5 Unit #1-X-19. Effective 3-1-64, El Paso Natural Gas Company assumed operatorship of this well and will be known as El Paso Natural Gas Company San Juan 32-5 Unit #1-X (MD)

RECEIVED
SEP 15 1964
OIL CON. COM.
DIST. 3

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 10th day of September, 1964.

OIL CONSERVATION COMMISSION	By
Approved by A. R. Kendrick	Title Petroleum Engineer
Title PETROLEUM ENGINEER DIST. NO. 3	Company El Paso Natural Gas Company
Date SEP 15 1964	Address Box 990, Farmington, New Mexico

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: SF 080657

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: San Juan 32-5 Unit

2. NAME OF OPERATOR: El Paso Natural Gas Company

8. FARM OR LEASE NAME: San Juan 32-5 Unit

3. ADDRESS OF OPERATOR: Box 990, Farmington, New Mexico

9. WELL NO.: 1-X (MD)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1600'S, 734'E

10. FIELD AND POOL, OR WILDCAT: Blanco MV, Basin Dakot

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T-32-N, R-5-W N.M.P.M.

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6300'G, 6310 DF

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexic

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Change of Operator & Name			[X]
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This well was originally drilled & operated by La Plata Gathering System, Inc. as the San Juan 32-5 Unit #1-X-19. Effective 3-1-64, El Paso Natural Gas Company assumed operatorship of this well and will be known as EPNG Co. San Juan 32-5 Unit #1-X (MD).

RECEIVED
APR 23 1964
OIL CON. COM.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED [illegible] TITLE Petroleum Engineer DATE 4-16-64

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator	Lease	Well No.
El Paso Natural Gas Company	San Juan 32-5 Unit	1-X (MD)

Unit Letter	Section	Township	Range	County
I	19	32-N	5-W	Rio Arriba

Pool	Kind of Lease *(State, Fed, Fee)*
Basin Dakota	Federal

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
	I	19	32N	5W

Authorized transporter of oil ☐ or condensate ☒	Address *(give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	Box 990, Farmington, New Mexico

Is Gas Actually Connected? Yes X No ____

Authorized transporter of casing head gas ☐ or dry gas ☒	Date Connected	Address *(give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	9-9-63	Box 990, Farmington, New Mexico

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING *(please check proper box)*

New Well ..... ☐
Change in Transporter *(check one)*
Oil ..... ☐ Dry Gas .... ☐
Casing head gas . ☐ Condensate .. ☐
Change in Ownership ..... ☐
Other *(explain below)*
Change in Operator

Remarks

This well was originally drilled & operated by La Plata Gathering System, Inc. as the San Juan 32-5 Unit #1-X-19. Effective 3-1-64, El Paso Natural Gas Company assumed operatorship of this well and will be known as El Paso Natural Gas Company San Juan 32-5 Unit #1-X (MD).

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 14th day of April 19 64.

OIL CONSERVATION COMMISSION	By
Approved by: A. R. Kendrick	Petroleum Engineer
Title: PETROLEUM ENGINEER DIST. NO. 3	Title: El Paso Natural Gas Company
Date: SEP 15 1964	Company: Box 990, Farmington, New Mexico
	Address

RECEIVED
SEP 15 1964
OIL CON. COM.
DIST. 3

Form 23-55(1-56)

OIL CONSERVATION COMMISSION

MAIN OFFICE OCC

BOX 697

1963 NOV 4 AM 8:51

120 EAST CHACO

AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE September 11, 1963

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM

THE La Plata Gathering Systems, Inc.
OPERATOR

San Juan 32-5 Unit #1-X-19 (M) — LEASE
"I" — WELL UNIT
19-32-5 — S-T-R

Blanco Mesaverde — POOL
El Paso Natural Gas Company — NAME OF PURCHASER

WAS MADE ON August 29, 1963 — DATE, FIRST DELIVERY September 9, 1963 — DATE

Choke 2,673
AOF 4,136
INITIAL POTENTIAL

11-8-63

El Paso Natural Gas Company
PURCHASER

H. M. Rodgers
REPRESENTATIVE

Chief Dispatcher
TITLE

CC: TO OPERATOR Dallas; Neal & Stoabs - Farmington
OIL CONSERVATION COMMISSION - SANTA FE
F. N. WOODRUFF - EL PASO
~~B. D. ADAMS~~ R. L. Weir

FILE

RECEIVED
SEP 12 1963
OIL CON. COM.
DIST. 3

POST OFFICE BOX 728
FARMINGTON, NEW MEXICO

June 29, 1963.

Unit Division
Commissioner of Public Lands
P. O. Box 791
Santa Fe, New Mexico.

Dear Sir:

Re: San Juan 32-5 Unit
Well No. 1-19
Lot 3 - Section 19 - 32-North - 5-West
Rio Arriba County, New Mexico.

Herewith, for your files, is copy of the report submitted to the United States Geological Survey on their Form 9-330 with reference to the captioned well.

It was impossible to complete the well, and it was plugged on August 17, 1962.

Another well was drilled 300 feet south of No. 1-19 - known as L-X-19 - and copy of report on that well was forwarded to you on February 19th.

Copies of these reports are furnished to you, pursuant to request dated April 21, 1961 addressed to the La Plata Gathering System, Inc., 1940 Mercantile Dallas Building, Dallas 1, Texas to furnish a copy to your office as each well is completed.

Very truly yours,

C. Beeson Neal
Agent in Farmington
La Plata Gathering System, Inc.

Copy: Dallas office.

POST OFFICE BOX 728
FARMINGTON, NEW MEXICO

June 26, 1963.

Mr. P. T. McGrath, District Engineer
United States Department of the Interior
Geological Survey
P. O. Box 959
Farmington, New Mexico.

Dear Mr. McGrath:

Re: Santa Fe 080657
San Juan 32-5 Unit
Well No. 1-19 - Lot 3
Section 19 - 32-N - 5-W
Rio Arriba County, New Mexico.

Basin Dakota & Blanco Mesa Verde Fields

Herewith, in quintuplicate on form 9-330, is report on the captioned well.

It is my understanding that Mr. Walter Kilgo discussed this well with you and Mr. Emery C. Arnold of the New Mexico Oil Conservation Commission, and it was agreed that this report would be submitted at this time.

Very truly yours,

C. Beeson Neal
Agent in Farmington

Copy: Mr. J. Glenn Turner - Dallas.

Mr. Walter Kilgo
P. O. Box 2078
Farmington, New Mexico.

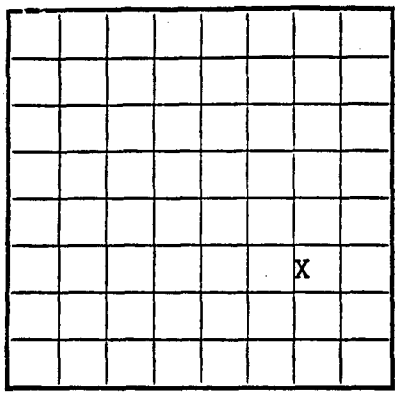
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santz Fe
SERIAL NUMBER 080657
LEASE OR PERMIT TO PROSPECT

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company LaPlata Gathering System, Inc. Address Box 728 - Farmington, New Mexico
Lessor or Tract San Juan 32-5 Unit Field ~~Blanco Mersa Verde~~ Basin Dakota State New Mexico
Well No. 1-19 Sec. 19 T. 32-N R. 5-W Meridian N.M.P.M. County Rio Arriba
Location 1,980 ft. {N./S.} of S. Line and 734 ft. {E./W.} of E. Line of Sec. 19 Elevation 6,294 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ORIGINAL SIGNED BY:
C. Beeson Neal, Agent in Farmington
Date June 26, 1963 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling July 5, 1962, 19 Finished drilling August 17, 1962, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8-5/8	24#	J-55		314					Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	314	200	Halliburton		
	See summary of additional cementing below.				

MARK

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 7,192 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Plugged and abandoned August 17, 1962. ....., 19.....

Put to producing ....., 19.....

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment.

Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours .....

Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Great Western Drilling Co., Driller

....., Driller

....., Driller

....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
See report on San Juan 32-5 No. 1-X-19 - drilled 300 feet south of this well - for formation data.			
After drilling San Juan 32-5 No. 1-19 to 7,192' the well blew in on July 28, 1962 and it was impossible to complete it.			
Cement was placed in the well as follows;			
8/7/62	500 sacks with 7% Calseal and 1/2 Floseal/sx. Pumped in at pressures varying from 300# - 600#.		
8/8/62	500 sacks cement with 10% Calseal. Pumped in same as on 8/7/62.		
8/10/62	1500 sacks with 6% gel and 35# coarse gilsonite/sx cement. Followed this with 20% Calseal. Pumped in at pressures 700# - 200#.		
8/15/62	Shut-in pressure on wellhead rose to 800 psi. Mixed 500 sacks 50-50 Posmix with 25 Gilsonite/sx. & 4% Calseal. Pumped into well at pressures 1300# - 700#.		
8/16/62	Drilled out cement plug in interval 375' - 405'. Well came in and flowed. Could not be killed.		
8/17/62	Mixed 500 sacks 50-50 Pozmix with 4% $CaCl_2$ and 10% 20-40 free sand. Pumped into well at maximum of 1500 psi. Displaced cement with 32 barrels water. Cement job done with three 167 sack stages with 30 barrels H-2-O between each stage.		
FROM—			

[OVER]

FORMATION RECORD—Continued

16—43094-5

SAN JUAN UNIT 32-5 #1X-19

WELL DATA & COMPLETION DETAIL:

Location: 1,680' S, 734' E., Sec. 19, 32 N., 5 West, Rio Arriba County, N. M.
Elevation: 6299.5 GL., 6310.5 KB

8/25/62: Spudded well @ 8:00 PM 8/24/62
Reaming hole 15" to 20"

8/26/62: Set conductor pipe @ 105'
3 jts 16" 65# H-40 STC. Landed @ 105'.
Cemented with 135 sacks regular 2% CaCl 2.
Slurry weight: 15.6#/gal.
Circulated approximately 50 sacks good cement.
WOC @ 2:20 PM 8/25/62

8/30/62: Casing Detail: 32 jts of 10 3/4", 40.5#, J-55 STC casing
Ran guide shoe on bottom joint and float collar 30' off bottom.

Landed Depth: 977'.

Cement Detail: 600 sacks regular cement w/4% gel (slurry weight 14.2#/gal), followed by 100 sacks regular cement w/2% CaCl 2 (slurry weight 15.6#/gal.) Displaced cement with 93 BW. Bumped plug with 1500 psi. Float held. Circulated approximately 200 sacks cement. WOC @ 3:45 PM 8/29/62.

9/3/62: DST #1: Interval: 2260-2370'.

Ran single packer with jars, circulation sub safety joint. Took 30 min ISIP. Opened tool @ 11:55 AM 9/2/62. Took 30 min FSIP Had a very slight blow continuing thru test, but got no gas to surface. Closed tool after one hour. Recovered 750' water with slight sulfur smell 20' drilling mud.

BHT:	105°	
IHH:	1005	
ISIP:	960	Max
IFP:	70	
FFP	335	
FSIP:	920	Max
FHH:	990	

Depth: 2594'. Prep to run DST #2 in interval 2420-2594'.

9/4/62: DST #2: Interval 2320-2594'

Ran same equipment as DST#1. Took 30 min ISIP. Opened tool with good blow. Gas to surface in 2 minutes with volume too small to measure. Flowed well one hour. Took 30 minutes FSIP. Recovered 210' W and GCM.

BHT:	100°	
IHH:	1135	
ISIP:	845	Not Maximum
IFP:	55	
FFP:	100	
FSIP:	630	Not Maximum
FHH:	1120	

Present Depth: 2723'. Mud: 9.4#, 50 sec.

9/6/62: DST #3: Interval 2890-3040'

Took 30 min ISIP. Opened tool with immediately strong blow. Gas to surface in one minute. Flowed well one hour and took following gauges:

3 Min:	750 MCFD
15 Min:	220 MCFD
30 Min:	TSTM
60 Min:	TSTM

Shut well in for FSIP. Driller picked up on pipe by mistake releasing packer, and ruining final shut-in test. Circulating sub opened while coming out of hole, so did not get any recovery.

BHT:	120°	
IHH:	1395	
ISIP:	1135	(Not Max)
FHH:	1395	
IFP:	205	
FFP:	220	
FSIP:	585	(8 min)

9/10/62: Rw for water sample taken on DST#1 2.4 @ 75°.

9/18/62: Depth 5751' Ran ES-I & GR Density Logs.

Ran 7 5/8" casing and cemented same.

Casing Detail: 164 jts 7 5/8", 26.40#, N 80 LTC casing as follows:

1.00	Guide Shoe
33.37	Shoe Jt.
1.50	Auto-Fill Float Collar
5718.43	163 jts Casing
5754.30	Total String
3.30	Above KB
5751.00	Landed Depth

Tacked welded bottom 3 collars and Bakerlocked pins. Ran 4 centralizers thru MV section.

Cement Detail: 200 sacks 4% gel cement @ 14.2 #/gal. Displaced cement w/274 BW, which is 4 bbls more than calculated displacement. Did not bump plug. Float held. Had complete returns. WOC @ 9:45 AM 9/18/62.

9/27/62: DST #4 Interval 7070-7172'

Packer failed on first setting, but held second time. Opened tool with weak blow.

Tool open one hour. No gas to surface. Took 30 min SI. Recovered 620' drilling mud.

IHH:	4170
FHH:	4170
IFP:	220
FFP:	235
FSIP:	235

***

10/11/62: Liner Detail: 72 jts 5 1/2", 17# J-55 casing with guide shoe and float collar. Ran centralizer and scratchers thru Dakota. Ran Burns liner hanger on top of joint.

Total Length of Equipment	2309'
Landed Depth	8036'
Top of Liner	5727'

Liner hanger has lead seal.

Cement Detail 175 sx 4% gel cement with 25# gils/sx 12.7 #/gal slurry weight) and 50 sx cement with 9% Latex (15.2#/gal). Displaced cement w96 BW. Float held. Had complete returns. Reversed out 19 sx cement from top of liner and displaced hole with water. WOC @ 4:30 AM 10/11/62.

10/12/62: Released rig @ 3:00 PM. Will drop from daily report until competion begins.

10/23/62: Moving in completion unt.

10/25/62: Completion Unit blew a head gasket before reaching location, and had to shut down for repairs. Should start completion work today.

10/26/62: RU completion unit. Now going in hole with 6 1/4" bit on EUE tubing to clean out to top of liner.

10/27/62: PBTD 7950'. CO with 6 1/4" bit to top of liner. Found stringy cement beginning approximately 300' above top of liner.

Tested casing to 4000 psi, and had no leaks.

Ran 4 3/4" bit and cleaned out liner to PBTD of 7950'. Top of liner was clean, but found small stringers of cement down thru liner. Drilled 200' of cement in bottom of liner. Now prep to perf and frac.

10/28/62: ***

WELL DATA & COMPLETION DETAILS:

10/28/62: PBTD 7950'

Dakota Perfs: 4 jet shots /ft 7794-98' (4'); 7802-08' (6') 7842-74' (32'). Depths from GR density log.

Dakota Frac: 400 HHP 25,000# 40-60 sand followed by 40,000# 20-40 sand. 65,000 gal water w/1% CaCl 2 and 10# J-2/1000 gals.

BDP: 3800
Max Pressure: 3800
Average Rate: 50 BPM 3300 psi
ISIP: 3200
10 Min SIP: 2900

Set top drillable bridge plug @6020'. Tested top of plug to 2000 psi., no leaks.

Mesa Verde Perfs: 2 jet shots /ft. 5704'-16'; 5648-54' 5566-96'; 5516-25'; 5476-86'; 5422-50'; 5378-89'. (GR density log)

Mesa Verde Frac: 4000 HHP 80,000 gal water and 80,000 20-40 sand.

BDP: 1000
Max Press: 1600
Average Rate: 85 1/2 BPM @ 1100 psi
ISIP: 900
SIP: 500

Drop 110 balls as follows: 50 balls at end of 30,000# sd. Pressure arose from 1000 to 1200 psi. 30 balls at end of 50,000# sd. Pressure went 1400. 30 balls at end of 60,000# sand. Pressure went to 1600# and broke back to 1300#.

10/29/62: Went in hole to clean out. Found top of sand approximately 5700'. Attempted to circulate sand out with water, but Mesa Verde took fluid and circulation could not be gained. Rigged up gas line to clean up and drill plugs with gas. Now CO sand at depth of 5800'. MV formation is flowing large slugs of water and some gas. Estimated volume of gas: 500 MCFD

10/30/62: CO to top of bridge plug: 12 hour gauge on MV 600 MCFD
18 hour gauge on MV 1 1/2#

Drilled Dakota plug. Dakota was not pressured up under plug. Dakota water came in and logged off well. Pushed plug to 7910'. Pulled up hole and started blowing well down. 6 hour gauge on MV and Dakota: 850 MCFD

10/31/62: 18 hour gauge: 900 MCFD
24 hour gauge: 960 MCFD

11/1/62: Gauged well at 1200 MCFD. Water had decreased sharply. Came out of hole with tubing. Now prep to set production packer and complete well.

11/2/62: Set Baker Model "D" production packer @ 7780' with wire line. Ran and landed Dakota and Mesa Verde tubing.

Dakota Tubing Detail: 246 jts., 2 3/8", 4.7#, J-55 EUE tbg and 1 10' pup jt. Ran pump out plug on bottom jt to act as tubing stop. Packer seal assembly has four seal units. A 5' open ended flow tube was run beneath the packer. Hydro tested to 5500 psi and had no leaks.

Mesa Verde Tubing Detail: Ran 166 jts 1 1/2" Jal Con weld "50" tubing. Tubing is open ended with swab stop on bottom joint. Landed depth: 5385'

Now NU wellhead.

11/3/62: Cleaning up well to atmosphere. Released completion rig.

11/4/62: Cleaning up to atmosphere. Gauged MV @ 1640 MCFD
Dakota flowing intermittent heads of gas and water.

11/5/62: Cleaning up to atmosphere. MV: 1325 MCFD and spray of water

DAKOTA: Making a steady stream of gas and water. Gas Volume: TSTM

11/6/62: Cleaning well to atmosphere.

11/7/62: Gauged MV @ 1000 MCFD
Shut MV in prior to potential test

Gauged Dakota @ 150 MCFD
* Still making spray of water. Continuing to clean up to atmosphere.

11/29/62: Potential Test: Q: 2673 MCF/D
(MV) Aof: 4136 MCF/D

- - -

(**11/22/62: Test flowed well thru 2" line for 3 hours, and gauged gas with pitot tube. MV: 2860 MCFD Dakota: Logged off.)

Location: 1980' S., 734 E&W., Sec. 19, 32 N., R 5 W., Rio Arriba, New Mexico
Elevation: 6284 GL

7/6/62: Spudded well @ 12:15 PM 7/5/62. Present depth: 316'

Casing Detail: Ran 10 jts 8 5/8", 24#, J-55 casing with Texas Pattern shoe on bottom joint and 2 centralizers. Landed Depth: 314'.

Cement Detail: 200 sacks with 2% CaCl 2 @ 15.2#/gallon. Displaced cement with 18BW. Circulated approximately 40 sx cement. WOC @ 4:20 AM 7/6/62.

7/7/62: Pressure tested casing with 800 psi for 30 minutes. Found no leaks Drilled out from under surface at 12:10 AM 7/7/62. Now drilling ahead with water at 834'.

7/20/62: Depth 5965'. Sand and shale. Mud: 9.3#, 53 seconds. Ran I-ES, GR and Caliper Logs.

7/25/62: @ 7120' sand and shale. Mud: 9#, 60 seconds. Well blew out while drilling at 7120', at 7:30 PM 7/24/62.

Mixing mud and pumping into hole. Well is now under control. Now mixing drilling mud.

9:15 AM: Presently trying to kill well.

7/26/62: @ 7120' Mud: 10#, 48 seconds. Now mixing mud and pumping into hole to kill well.

Well began to kick at depth of 7090'. Rig shut down and RU rotating head. Hit drilling break @ 7103', drilled to 7120'. Well blew in unloading 9.7# mud from hole. Attempts to kill the well have not been successful. A lost circulation zone developed up the hole, and is complicating the problem. The following amount of mud has been pumped into the well:

360 barrels	9.7#
360 barrels	9.9#
520 barrels	10.0#

Had mud loaded with 10# to 12# /barrel LCM. Most of this mud (approximately 1000 barrels) appears to have been lost into the lost circulation zone.

7/27/62: Mixed 720 barrels 10.2# mud. Pumped into well. Partially killed well and gained circulation with 500 barrels. Started raising mud weight. At 10.8#, well died.

Now preparing to drill ahead. Losing partial returns.

7/28/62: Depth 7192'. Started out of hole to change bit, filling hole every 5 stands. Well blew in with 51 stands out. (28 stands still in hole). Now RU blooey line to try to come rest of the way out of the hole. Pipe rams and stripper rubber not holding. Unable to kill well.

7/29/62: RU blooey line and came out of hole with DP. Changed pipe rams and stripper rubber. Went back in hole with DP with well flaring out blooey line. Started hitting bridges @ 500'. RU to drill with gas. Now drilling bridges @ 1000'.

7/30/62: Still trying to clean out bridges, but not making any headway. Bit is still at same depth as yesterday morning. The Kelly can be drilled down easily, but as soon as it is picked up, the bridge forms again and has to be drilled again.

7/31/62: Trying to clean out with gas. Unable to get past bridges.

8/1/62: Had no success cleaning out with gas. Tried to go in hole with 6 3/4" bit, but had no success with that either. Tried to dry hole using silica gel, but that tended to stick the pipe. Now mixing mud preparing to kill well from surface.

8/3/62: Well still blowing gas. Finished mixing mud 800 barrels 14#/gal. with 8#/barrel LCM. Ran 7 7/8" bit, 7 DC and 2 joints DP. (All pipe in surface casing). Pumped in @ 6 BPM @ 400 psi. Pumping pressure rose to 800 psi at 6 BPM. Pumped 650 barrels mud in 1 hour, 40 minutes. Well had gas at surface after finished pumping. Surface pressure 400 psi. Blew off heads of gas periodically. Pressure never increased above 400 and could not be pulled down below 350. Mixed 850 bbls mud 13.0#/gal, 75 sec., 10#/bbl. LCM using rig pump and HOWCO.

8/4/62: Well had 400 psi @ surface. Started pumping in @ 6 BPM @ 700 psi @ 6:00 PM. Pumped 320 bbls and shut down pump. Pressure equalized @ 300 psi. Flowed well thru choke nipple for 2 hours. Well made dry gas and no mud. Wellhead pressure stayed @ 300 psi. Opened blooey line. Wellhead pressure fell to zero immediately, and mud hit immediately. Indications were that mud had been at the surface during the previous 2 hours of flow, but had not been able to flow thru choke nipple. Closed well in, and pumped remaining mud on location under approximately the same conditions as previously. Total mud in hole: 750 bbls., cumulative 1400 barrels.

8/5/62: Decided it would not be possible to kill well from the surface. Enlarged reserve pit and set standby pump at pit to pump mud into steel pits. Now trying to go to TD with DP by pumping mud thru bit and permitting well to blow mud back into reserve pit. Present depth is 580'. Cleanout is proceeding slowly.

8/6/62: Depth 950'. Bit not going any deeper. Bridges at this point can be drilled out, but they fall back in above and are trying to stick the bit.

8/7/62: Unable to clean out bridge. Mixed 500 sacks cement with 7% Calseal and 1/2 Floseal/sx. Pumped into well from surface. Pumping pressures varying from 300-600#. Job complete @ 11:30 PM 8/6/62.

8/8/62: Left well shut in 14 hours. Closed in surface pressure: 360 psi. Opened well to atmosphere. Well flowed gas, mud and cement in heads. Cement had not set up. Probably reason is that gas is flowing up from a deep zone, through the cement, and out into a shallow zone, keeping the cement gas cut and agitated so that it cannot set up.

Mixed up another 500 sx cement with 10% Calseal and pumped into well under same conditions described before. Shut well in after job @ 12:30 AM 8/8/62.

8/9/62: After 10 hours SI time, observed that gas and mud was breaking through the surface approximately 500 feet from the wellhead. After 12 hours observed another break-through of gas in rat hole. Now WO HOWCO to run large batch of cement.

8/10/62: Mixed 1500 sacks cement with 6% gel and 35# course gilsonite/sack cement. Slurry weight: 10.7#/gal. Followed this with 216 sacks cement with 20% Calseal. Pumped into well at pressures ranging from 700#-200# pressure. Pressure at end of job was 300#. Job complete @ 6:00 PM 8/9/62. Now WOC will WOC 48 hours prior to opening well for test.

8/12/62: Opened well at end of 48 hours. Wellhead pressure: 370 psi. Cement had not shut off gas entirely, but volume was diminished. Went in hole with bit. Started drilling through cement bridges at 340'. Drilled to 550. Well blew in as strong as it had in the past. Could not make any more headway with bit.

8/13/62: Decided to try to work casing in hole. Ran saw-toothed Texas pattern shoe, on bottom joint with two float collars. Worked Casing to 550', but could not go beyond that point.

8/14/62: Gas volume seemed to be diminishing. Mixed 800 bbls mud with LCM and pumped into well. Could not kill well or gain circulation.

8/15/62: Observed that leaks out of ground reported on 8/9/62 had stopped. SI pressure on wellhead rose to 800 psi. Evidence is that zones at surface have been sealed off. Mixed 500 sx

Cont'd

50/50 Pozmix with 25# Gilsonite /sx and 4% Calseal and pumped into well. Pressure varied from 1300# - 700#. Job complete at 6:00 PM. Left well shut in.

8/16/62: After 12 hour SI period, opened well and found it was dead. Went in hole with bit and drilled out cement plug in interval 375'-405' Well then came in and flowed with same characteristics as before.

Mixed 500 barrels mud with LCM and pumped into well. Pressure rose to 1100 psi in well, but the well was not killed, nor was normal circulation attained. Shut well in & SI pressure on well was 1100 psi.

8/17/62; Mixed 500 sacks 50-50 Pozmix with 4% CaCl 2 and 10% 20-40 frac sand. Pumped into well at maximum of 1500 psi. Displaced cement with 32 BW. Job complete at 6:30 PM 8/16/62.

After 12 hour SI period, found that well was dead. Went into hole and tagged top of cement plug at 340'.

Cement job done in 3 167 sx stages with 30 bbls water between each stage.

8/18/62: Gained permission from Government agencies to abandon well. Moved off location leaving a 2" valve looking up on wellhead.

Will move 300' due south and drill new well. Well designation will be 1X-19. Will drop from daily reports until new location is built and well is spudded.

8/23/62: <u>Gas Analysis From 1-19 Well</u>:

CO 2	.70
H2S	Nil
N2	.67
Meth.	98.23
Eth	.14
Prop	Trace
GPM	Zero

* *

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator	Lease	Well No.
La Plata Gathering System, Inc.	San Juan 32-5 Unit	1-X-19

Unit Letter	Section	Township	Range	County
I	19	32-North	5-West	Rio Arriba

Pool	Kind of Lease *(State, Fed, Fee)*
Basin Dakota	Federal - SF 080657

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range

Authorized transporter of oil ☐ or condensate ☐

Address *(give address to which approved copy of this form is to be sent)*

Is Gas Actually Connected? Yes _____ No X

Authorized transporter of casing head gas ☐ or dry gas ☒	Date Connected	Address *(give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	Not Yet	Box 990 - Farmington, New Mexico.

If gas is not being sold, give reasons and also explain its present disposition:

Pipe Line connection to well not yet completed.

REASON(S) FOR FILING *(please check proper box)*

New Well XX

Change in Transporter *(check one)*

Oil ..... ☐ Dry Gas .... ☐

Casing head gas . ☐ Condensate . . ☐

Change in Ownership ..... ☐

Other *(explain below)*

OIL CONSERVATION COMM. SANTA FE OFFICE 1963 MAY 1 AM 8

RECEIVED MAY 2 1963 OIL CON. COM. DIST. 3

Remarks

Well now shut in awaiting pipe line connection.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of May, 19 63.

OIL CONSERVATION COMMISSION	By
Approved by	Title C. Beeson Neal, Agent in Farmington
Title Supervisor Dist. # 3	Company La Plata Gathering System, Inc.
Date MAY 2 1963	Address P.O.Box 728 - Farmington, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (~~OIL~~) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico (Place) May 1, 1963 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

La Plata Gathering System, Inc. (Company or Operator) San Juan 32-5 Unit (Lease), Well No. 1-X-19, in Lot 3 ¼ ¼,

I (Unit Letter), Sec. 19, T. 32-N, R. 5-W, NMPM., Basin Dakota Pool

Rio Arriba County. Date Spudded Aug. 24, 1962 Date Drilling Completed Nov. 2, 1962

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I X
M	N	O	P

Elevation 6,310 Total Depth 8,040 PBTD 7,950

Top Oil/Gas Pay 7,794 Name of Prod. Form. Basin Dakota

PRODUCING INTERVAL -

Perforations 7,794' - 7,874'

Open Hole _____ Depth Casing Shoe 8,036 Depth Tubing 7,780

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 102 MCF/Day; Hours flowed 3

Choke Size .75 Method of Testing: Pitot Tube

Tubing, Casing and Cementing Record

Size	Feet	Sax
16"	105	135
10-3/4"	977	700
7-5/8"	5,751	200
5-1/2	8,036	175
2-3/8	7,780	Tubing

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 25,000# 40-60sd. + 40,000# 20-40 sd. + 65,000 gal. water.

Casing Press. _____ Tubing Press. 2347 Date first new oil run to tanks _____

Oil Transporter ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Gas Transporter El Paso Natural Gas Company will be

Remarks: Well shut in awaiting pipe line connection

RECEIVED
MAY 2 1963
OIL CON. COM.
DIST. 3

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

Approved MAY 2 1963, 19

OIL CONSERVATION COMMISSION

By: [signature]

Title Supervisor Dist. # 3

La Plata Gathering System, Inc.
(Company or Operator)

By: [signature]
(Signature)

Title C. Beeson Neal, Agent in Farmington

Send Communications regarding well to:

Name C. Beeson Neal

Address Box 728 - Farmington, New Mexico

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe
Lease No. 080657
Unit San Juan 32-5

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ~~ABANDONMENT~~ Testing	x
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 1, 1963, 19

La Plata Gathering System, Inc. - San Juan 32-5 Unit
Well No. 1-X-19 is located 1,680 ft. from {N/S} line and 734 ft. from {E/W} line of sec. 19

Lot 3 - Section 19 (¼ Sec. and Sec. No.) 32-North (Twp.) 5-West (Range) N.M.P.M. (Meridian)

Blanco M.V. & Basin Dakota (Field) Rio Arriba County (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6,310 ft.

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

March 28, 1963. Test of Dakota Formation - 7794'-7874' through .750 choke showed "choke volume" of 102 MCF/D.

No Aof calculated. The Test report signed by Lewis D. Galloway of El Paso Natural Gas Company bears the notation: Flow rate determined from Thornhill-Craver Co. Dwg. No. 700D1 for Non-critical flow through a positive flow bean. Surging flow, avg. taken as 102 MCF/D. Well blew fairly dry gas for two hours. At end of three hour test, the flow was surging and producing heads of water, such that accurate volume measurements were impossible.

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MAY 3 1963
OIL CON. COM.
DIST. 3

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company La Plata Gathering System, Inc.
Address Box 728 - Farmington, New Mexico

By C. Beeson Neal, Agent in Farmington
Title

GPO 914974

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator	Lease	Well No.
La Plata Gathering System, Inc.	San Juan 32-5 Unit	1-X-19

Unit Letter	Section	Township	Range	County
I	19	32-North	5-West	Rio Arriba

Pool	Kind of Lease *(State, Fed, Fee)*
Blanco Mesa Verde	Federal - SF 080657

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range

Authorized transporter of oil ☐ or condensate ☐

Address *(give address to which approved copy of this form is to be sent)*

Is Gas Actually Connected? Yes ____ No X

Authorized transporter of casing head gas ☐ or dry gas ☒	Date Connected	Address *(give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	Not yet	Box 990, Farmington, New Mexico

If gas is not being sold, give reasons and also explain its present disposition:

Pipe line connection to well not yet completed.

REASON(S) FOR FILING *(please check proper box)*

New Well ..... ☒
Change in Transporter *(check one)*
Oil ..... ☐ Dry Gas .... ☐
Casing head gas . ☐ Condensate.. ☐
Change in Ownership ..... ☐
Other *(explain below)*

MAIN OFFICE OCC
1963 MAR 4 AM 8:25

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OIL CONSERVATION COM.
DIST. 3

Remarks

Well now shut in awaiting pipe line connection.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

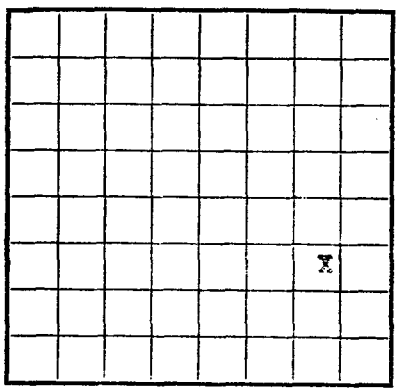
Executed this the 19th day of February, 19 63.

OIL CONSERVATION COMMISSION	By
Approved by A. R. Kendrick	Title C. Beeson ;Neal, Agent in Farmington
Title PETROLEUM ENGINEER DIST. NO. 3	Company La Plata Gathering System, Inc.
Date FEB 20 1963	Address P. O. Box 728 - Farmington, New Mexico

Form 9-330

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 000657
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 1963
U. S. GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

Company La Plata Gathering System, Inc. Address Box 728 - Farmington, New Mexico
Lessor or Tract San Juan 32-5 Unit Field Blanco Mesa Verde-Basin Dakota State New Mexico
Well No. 1-X-19 Sec. 19 T. 32-N R. 5-W Meridian N.M.P.M. County Rio Arriba
Location 1,680 ft. [N.] of S Line and 734 ft. [W.] of E Line of Section 19 Elevation 6,310 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date February 19, 1963 Title C. Beeson Neal, Agent in Farmington

The summary on this page is for the condition of the well at above date.

Commenced drilling Aug. 24, 1962, 19 Finished drilling Nov. 2, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 7,793 to 8,010 (G) No. 4, from to
No. 2, from 5,375 to 5,715 (G) No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
16"	[illegible]		[illegible]	105'	Guide				Surface
10-3/4	32.75#	LTC	H-40	977'	Guide				Intermediate
7-5/8	26.40#	LTC	H-40	5,754	Guide		7,794	7,874	Intermediate
5-1/2	17#		J-55	2,509			5,376	5,716	Liner
2-3/8	4.7#	EUE	J-55	7,780					Dakota Prod.
1-1/2		Jal Con weld "50"		5,385					Mesa Verde Prod

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	105'	135			
10-3/4	977	700			
7-5/8	5,751	200			
5-1/2	3,036	175			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

FOLD | MARK

Casing				Mud gravity	Amount of mud used
16	105'	155			
10-3/4	977	700			
7-5/8	5,751	200			
5-1/2	8,036	175			

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10/28/62 - Dakota: 25,000# 40-60 sd, / 40,000# 20-40 sand - 65,000 gal/water.						
Mesa Verde: 80,000 gal. water / 80,000# 20-40 sand.						

TOOLS USED

Rotary tools were used from Surface feet to 8,040 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Shut in to await tests: 11/21/62, 19..... Potential tests taken: for completion

Put to producing M.V. - 11/29/62, 19..... Dakota - 12/7/62

The production for the first 24 hours was ..... barrels of fluid of which ..... was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours Mesa Verde: 4,136 MCF/Day (MCF) Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. Dakota: None 1,430

EMPLOYEES

Great Western Drilling Co. ....., Driller ....., Driller

..... , Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	510	510	Gray shale with thin sand beds.
510	1,935	1,425	Gray massive sand with gray shale
1,935	2,450	515	Animas formation - coarse gray to white sand
2,450	3,000	550	Kirtland - light gray sands and gray shale
3,000	3,030	30	Pictured Cliffs - light gray fine light sand.
3,030	5,325	2,295	Lewis shale
5,325	7,793	2,468	Mesa Verde - white to light gray sand and gray to gray green shale
7,793	8,010	217	Dakota - White to grey sand and gray shale.
8,010	8,040	30	Morrison - green and gray shale.

FROM— TO— TOTAL FEET FORMATION

(OVER)

FORMATION RECORD—Continued

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR ~~(OIL)~~ - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico (Place) February 19, 1963 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

La Plata Gathering System, Inc. -S.J.32-5 Unit (Company or Operator), Well No. 1-X-19 (Lease), in Lot 3 ¼ ¼,
I (Unit Letter), Sec. 19, T. 32-N, R. 5-W, NMPM., Blanco Mesa Verde Pool
Rio Arriba County. Date Spudded Aug. 24,1962 Date Drilling Completed Nov. 2, 1962

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I X
M	N	O	P

Elevation 6,310 Total Depth 8,040 PBTD 7,950

Top Oil/Gas Pay 5,378 Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL -

Perforations 5,378- 5,716

Open Hole _____ Depth Casing Shoe 8,036 Depth Tubing 5,385

OIL WELL TEST -

Natural Prod. Test: _____ bbls.oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls.oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 4,136 MCF/Day; Hours flowed 3

Choke Size .75 Method of Testing: Pitot Tube

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 80,000 gal. water - 80,000# 20-40 sand.

Casing Press. 1257 Tubing Press. 1257 Date first new oil run to tanks _____

Oil Transporter _____

Gas Transporter El Paso Natural Gas Company will be

Tubing, Casing and Cementing Record

Size	Feet	Sax
16"	105	135
10-3/4	977	700
7-5/8	5,751	200
5-1/2	8,036	175
1-1/2	5,385	Tubing

Remarks: Well shut in awaiting pipe line connection.

1963 MAR 4 AM 8 OIL CON. COM. DIST. 3

FEB 20 1963

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

Approved FEB 20 1963, 19

OIL CONSERVATION COMMISSION

By: A. R. Kendrick

Title PETROLEUM ENGINEER DIST. NO. 3

La Plata Gathering System, Inc.
(Company or Operator)

By: C. Beeson Neal
(Signature)

Title C. Beeson Neal, Agent in Farmington

Send Communications regarding well to:

Name C. Beeson Neal

Address P. O. Box 728 - Farmington, New Mexico

Form 9-331a
(Feb. 1951)

Santa Fe
080657
San Juan 32-5

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.
Land Office Santa Fe
Lease No. 080657
Unit San Juan 32-5

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	XXXX	SUBSEQUENT REPORT OF WATER SHUT-OFF	XXXX
NOTICE OF INTENTION TO CHANGE PLANS	XXXX	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	XXXX
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 2, 1962

La Plata Gathering System, Inc. - San Juan 32-5 Unit

Well No. 1-X-19 is located 1,600 ft. from {S} line and 734 ft. from {E} line of sec. 19

Lot 3 - Section 19 (¼ Sec. and Sec. No.) 32-North (Twp.) - 5-West (Range) N.M.P.M. (Meridian)

Blanco M.V. & Basin Dakota (Field) Rio Arriba County (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6,310 ft.

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FARMINGTON, NEW MEXICO

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

August 30, 1962. After drilling to 977' - set 32 joints of 10-3/4", 40.5#, J-55 STC casing. Ran guide shoe on bottom joint and float collar 30' off bottom. Cemented with 600 sacks regular cement with 4% gel (slurry wt. 14.2#/gal) followed by 100 sacks regular cement with 2% CaCl2 (Sluffy wt. 15.6# gal). Displaced cement with 93 BW. Bumped plug with 1500 psi. Float held. Circulate approximately 200 sacks cement. On 8/31/62 tested casing with 1000 psi for 30 minutes. No leaks. Drilled out 2 ft. below casing shoe and pressured up with 300 psi. Shoe held pressure.

September 18, 1962. After drilling to 5751', ran 7-5/8" casing - 167 joints of 7-5/8" 26.40# N 80 LTC casing, landed at 5,751' RKB. Cemented with 274 barrels water.

(Continued on separate sheet.)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

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Company La Plata Gathering System, Inc.

Address Box 728

Farmington, New Mexico

By C. Beeson Neal

C. Beeson Neal, Agent in Farmington

Title C. Beeson Neal, Agent in Farmington

GPO 914974

CONTINUATION SHEET - to be attached to USGS Form 9-331a - dated December 2, 1962.

Santa Fe 080657
La Plata Gathering System, Inc. - San Juan 32-5 Unit Well No. 1-X-19
Lot 3 - Section 19 - 32-N - 5-W - NMPM
Blanco Mesa Verde and Basin Dakota Fields.

September 20, 1962. Pressured up 7-5/8" casing with 1500# for 30 min. Held OK. Continued drilling with rotary rig.

October 11, 1962. After drilling to 8040' RKB, ran and cemented liner: Used 72 joints 5-1/2", 17# J-55 casing with guide shoe and float collar - landed at 8036'. Top of liner at 5727'. Cemented with 175 sacks 4% gel with 25# gils/sx (12.7#/gal slurry weight) and 50 sacks cement with 9% Latex (15.2#/gal). Displaced cement with 96 BW. Float held. Reversed out 19 sacks cement from top of liner and displaced hole with water.

October 27, 1962. Tested casing to 4000 psi. No leaks. Cleaned out liner to PBTD of 7950'. Perforated Dakota: 4 shots/ft: 7794'-98' (4'): 7802'-08' (6'): 7842'-74' (32').

Fractured Dakota: 25,000# 40-60 sand followed by 40,000# 20-40 sand, 65,000 gal. water with 1% CaCl 2 and 10# J-2/1000 gals. BDP: 3800#; Avg. rate 50 BPM; 3300 psi. Set top drillable bridge plug at 6020'. Tested top of plug to 2000 psi. No leaks.

Mesa Verde perforations: 2 jet shots/ft. 5704'-16'; 5648'-54'; 5566'-96', 5516'-25'; 5476'-86'; 5422'-50'; 5378'-89'.

Fractured Mesa Verde: 80,000 gal. water and 80,000# 20-40 sand. BDP 1000#. Avg. rate 85½ BPM @ 1100 psi. Dropped 110 balls: 50 at end of 30,000# sand, 30 at end of 50,000#, 30 at end of 60,000#.

November 2, 1962. Set Baker Model "D" Production packer @ 7780' with wire line. Ran and landed tubing: Dakota: 246 joints, 2-3/8", 4.7#, J-55 EUE tubing and one 10' pup joint. Hydra tested tubing to 5500 psi. and had no leaks. Mesa Verde: Ran 166 jts. 1-1/2" Jal Con weld "50" tubing. Landed at 5385'.

Nippled up well head. Potential tests to be taken in due course.

FORM 33-75R (REV. 11-59)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 29, 1962

Operator: La Plata Gathering System		Lease: SJU 32-5 No. 1X-19 (MV)	
Location: 1680'S, 734'E, Sec. 19-32-5		County: Rio Arriba	State: New Mexico
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 7.625	Set At: Feet: 5751	Tubing: Diameter: 1.900	Set At: Feet: 5385
Pay Zone: From: 5378	To: 5716	Total Depth: PBTD 7950	Shut In: 11-21-62
Stimulation Method: Sand Water Frac.		Flow Through Casing:	Flow Through Tubing: X

Choke Size, Inches: .75	Choke Constant: C: 12.365	Baker Model "D" Packer at 7780	
Shut-In Pressure, Casing, PSIG + 12 = PSIA: 1257 (MV) + 12 = 1269	Days Shut-In: 7	Shut-In Pressure, Tubing PSIG + 12 = PSIA: 1257 (MV) + 12 = 1269	
Flowing Pressure: P PSIG + 12 = PSIA: 202 + 12 = 214		Working Pressure: Pw PSIG + 12 = PSIA: 831 + 12 = 843	
Temperature: T 67 °F Ft .9933	n: .75	Fpv (From Tables): 1.017	Gravity: .600 Fg 1.0000

Initial SIPT (DK) 1405 psig
Final SIPT (DK) 1430 psig

CHOKE VOLUME Q = C × P_t × F_t × F_g × F_{pv}

Q = (12.365)(214)(.9933)(1.0000)(1.017) = 2673 MCF D

OPEN FLOW Aof = Q $\left(\frac{P_c^2}{P_c^2 - P_w^2}\right)^n$

Aof = $\left(\frac{1,610,361}{899,712}\right)^n$ $(1.7898)^{.75}$ (2673) = (1.5472)(2673) =

NOTE: Tested through 1 1/2" tubing at request of operator.

Aof 4136 MCF D

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DIST. 3

TESTED BY Tom B. Grant (EPNG)

WITNESSED BY Oliver Towell (La Plata)

Lewis D. Galloway

Lewis D. Galloway

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe

Lease No. 080657

Unit San Juan 32-5

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

August 29, 1962

La Plata Gathering System, Inc. - San Juan 32-5 Unit

Well No. 1-X-19 is located 1,680 ft. from S line and 734 ft. from E line of sec. 19

Lot 3 - Section 19 (¼ Sec. and Sec. No.) 32-North (Twp.) - 5-West (Range) N.M.P.M. (Meridian)

Blanco M. V. & Basin Dakota (Field) Rio Arriba County (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6,310 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

August 24, 1962 - Spudded well at 8:00 P. M.
August 26, 1962 - Set 3 joints - 16" 65# H-40, STC pipe, - landed at 105 feet.
Cemented with 135 sacks regular, 2% CaCl2. Slurry weight: 15.6#/gal.
Circulated approximately 50 sacks good cement.
August 27, 1962 - Pressured up on casing to 500# for 30 minutes - tested O. K.

Continued drilling with rotary rig.

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DIST. 3

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company La Plata Gathering System, Inc.

Address P. O. Box 728

Farmington, New Mexico

By C. Beeson Neal, Agent in Farmington

Title

GPO 914974

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe
Lease No. 080657
Unit San Juan 32-5

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	XXX	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 21, 1962, 19

La Plata Gathering System, Inc. - San Juan 32-5 Unit

Well No. 1-X-19 is located 1,680 ft. from {N/S} line and 734 ft. from {E/W} line of sec. 19

Lot 3 - Section 19 (¼ Sec. and Sec. No.) 32-North (Twp.) - 5-West (Range) N. M. P. M. (Meridian)

Blanco Mesa Verde & Basin Dakota (Field) Rio Arriba Counties (County or Subdivision) New Mexico (State or Territory)

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

The elevation of the derrick floor above sea level is 6,310 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This location is 300 feet due south of the 1-19 location which was "lost". It is proposed: to drill 20" hole to approximately 100' and set 16" casing at that point. Cement casing to surface. Then to drill 15" hole to approximately 800' and set 10-3/4" casing at that point. Cement casing to surface.

Then: drill 9-5/8" hole to approximately 3500'. Run DST's in Ojo Alamo, Fruitland, Pictured Cliffs, and any other formations of interest. 7-5/8" casing will be set at approximately 3500', cemented with 150 sacks cement.

Then: drill with gas in 6-3/4" hole to total depth in Dakota - approximately 8100'. If well warrants a completion attempt, set 5-1/2" liner at total depth, cementing off Dakota formation, and any other formations of interest, using two stage cement job if required.

Then: Perforate and sand water fracture zones of interest. If Dakota and Mesa Verde both productive, 2-1/16" tubing will be used for Dakota and 1-1/2" for M. V.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company La Plata Gathering System, Inc.

Address Box 728 - Farmington, New Mexico

By C. Beeson Neal, Agent

Title

Oil Con Hold C.11 for NSL

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DIST. 3
Farmington

GPO 914974

Form C-128 (8-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

SAN JUAN Date August 21, 1962

Operator LA PLATA GATHERING SYSTEM Lease 32-5 UNIT

Well No. 1X-19 Unit Letter I Section 19 Township 32 NORTH Range 5 WEST, NMPM

Located 1680 Feet From the SOUTH Line, 734 Feet From the EAST & WEST Lines

County RIO ARRIBA G. L. Elevation 6299.5 Dedicated Acreage 355.23 Acres

Name of Producing Formation Mesa Verde & Dakota Pool Blanco M.V. - Basin Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
   Yes _____ No X

2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No _____. If answer is "yes", Type of Consolidation. Unitized

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner	Land Description

NOTE: All of the acreage shown on the plat below is "dedicated" to this well - as set forth in application for approval of non-standard gas unit - and gas-gas dual completion of this well located in the Blanco Mesa Verde and Basin Dakota gas pools - forwarded to the New Mexico Oil Conservation Commission on March 26, 1962.

Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

LA PLATA GATHERING SYSTEM, Inc.
(Operator)

(Representative)

G. Benson Neal, Agent in Farmington
(Address)

P. O. Box 785

Farmington, New Mexico.

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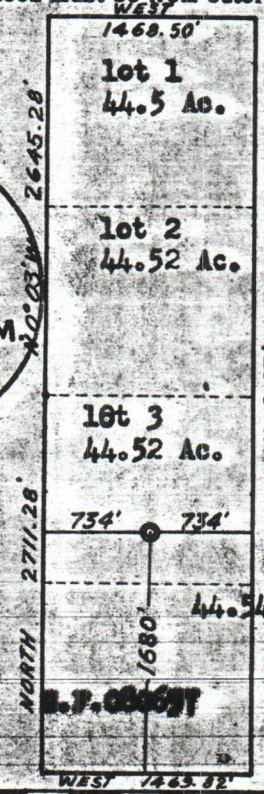
DIST. 3



All of Section 18 immediately to the north of this section, containing 177.17 acres is likewise "dedicated" to the well - making a total of 355.23 acres.

Section 18 is subject to Federal Lease New Mexico - 08890.

Ref: GLO plat dated 30 November 1926

Note: This well is being substituted for No. 1-19 started 300 feet to the north of this location - and subsequently abandoned when the hole was "lost"

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

REGISTERED ENGINEER AND LAND SURVEYOR
STATE OF NEW MEXICO
NO. 1463
JAMES P. LEESE

(Seal)

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 17 August 1962

Registered Professional Engineer and/or Land Surveyor
James P. Leese New Mexico Reg. No. 1463
San Juan Engineering Company

Farmington, New Mexico