

District II
70 Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
5 Copies

District III
1000 Rio Bravo Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

95 APR 21 PM 8 52

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CONOCO INC. 10 Desta Drive Ste 100W MIDLAND, TEXAS 79705		OGRID Number 005073
Reason for Filing Code CH (EFFECTIVE 3-1-95) CO (EFFECTIVE 4-1-95)		
API Number 30 - 0 39-60071	Pool Name BLANCO MESAVERDE	Pool Code 72319
Property Code 10000	Property Name SAN JUAN 28-7 Unit	Well Number 68

II. 10 Surface Location

Ul or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West line	County
B	31	28 N	7 W		990	NORTH	1650	EAST	RIO ARRIBA

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Lee Code F	Producing Method Code P	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
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III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
014538	MERIDIAN OIL INC. P.O. BOX 4289 FARMINGTON, NM. 87499	94710	0	B 31 28N 7W
007057	EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499	94730	G	B 31 28N 7W
009018	GIANT REFINERY P.O. BOX 338 BLOOMFIELD, NM 87413	94710	0	B 31 28N 7W EFFECTIVE 4-1-95

IV. Produced Water

POD 94750	POD ULSTR Location and Description B 31 28N 7W
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V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations

Hole Size	Casing & Tubing Size	Depth Set

RECEIVED
FEB 17 1995
OIL CON. DIV.
DIST. 3

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure

Choke Size	Oil	Water	Gas	AOF	Test Method

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

Signature: *Bill R. Keathly*
Printed name: BILL R. KEATHLY
Title: SR. REGULATORY SPEC.
Date: 2-25-95 Phone: (915) 686-5424

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: SUPERVISOR DISTRICT #3
Approval Date: FEB 17 1995

If this is a change of operator fill in the OGRID number and name of the previous operator 00778

Previous Operator Signature	Printed Name	Title	Date
<i>[Signature]</i>	Buddy Shaw	Enviro Coordinator	2/15/95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF078500A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

San Juan 28-7NP 68

9. API Well No.

3003960071

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba New Mexico

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Amoco Production Company

Attention:

Gail M. Jefferson, Rm 1942

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-6157

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FNL 1650' FEL Sec. 31 T 28N R 7W Unit B

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Bradenhead Repair</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

13. 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 Bradenhead repair for this well was completed as follows: MIRU 2/9/95. set tbg plug at 4100', blew down tbg. Set pkr 1 joint deep, bradenhead blew down immediately. TOH w/tbg & pkr, set rbp at 2005' and pres test csg to 1000#. Csg held press. Installed new seals to stop communication w/bradenhead TOH w.RBP. TIH w/tbg set at 4769'. 2jts of pitted tbg was replaced. Tested bradenhead 2/16/95 32 runs for a total of 72 bbls recovered, flowed for 30 min, recovered 5 bbls (total load = 88.5 bbls, LTR = 11 1/2 bbls). 2/17/95 BH = 0, Csg = 350 psi, unseat BP and TOH, TIH w/tbg to 4741' n w/SN on bottom:

RECEIVED
MAR 13 1995
OIL & GAS DIV.
DENVER

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

Signed

Gail M. Jefferson

Title

Business Assistant

Date

03-03-1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

MAR 08 1995

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 statements or representations as to any matter within its jurisdiction.

R

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT CONSERVATION DIVISION

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED
FEB 08 1995
AM 8 52

5. Lease Designation and Serial No. SF 078500

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. San Juan 28-7 NP 68

9. API Well No. 3003960071

10. Field and Pool, or Exploratory Area Blanco Mesaverde

11. County or Parish, State Rio Arriba New Mexico

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator AMOCO PRODUCTION COMPANY
Attention: Gail Jefferson Room 1942

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-6157

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL 1650' FEL Sec. 31 T 28N R 7W Unit B

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Bradenhead Repair
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)
Amoco proposes to perform a Bradenhead repair per the procedures attached.

RECEIVED
FEB 17 1995
OIL CON. DIV.
DIST. 8
FEB 10 PM 12:58
DISTRICT MANAGER

14. I hereby certify that the foregoing is true and correct
Signed Gail M. Jefferson Title Business Assistant Date 02-08-1995

Approved by _____ Title _____
Conditions of approval, if any: **APPROVED**
FEB 13 1995
DISTRICT MANAGER

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 representations as to any matter within its jurisdiction.



SJOET Well Work Procedure

SJ 28-7 #68

93 FEB 10 11:12:58

Version: #1
Date: February 9, 1995
Budget: DRA
Repair Type: Bradenhead

070 F... ..

Objectives:

1. Test wellhead for seal leak, if no leak found continue with procedure as outlined.
2. Casing will be pressure tested..
3. CBL will be run to determine top of cement
4. Remedial cementing will be performed to insure zonal isolation.
5. Return well to production

Pertinent Information:

Location:	990' FNL, 1650' FEL, S31, T28N, R7W	Horizon:	MV
County:	Rio Arriba	API #:	300-39-60071
State:	New Mexico	Engr:	Kwartin
Lease:	SF-078500	Phone:	H--(303)343-3973
Well Flac:			W-(303)830-5708
			P--(303)553-6332

Economic Information:

APC WI:	0%	MV Prod. Before Repair:	200 MCFD
Conoco WI:	100%	MV Anticipated Prod.:	200 MCFD
Estimated Cost:	\$42,500		
Payout:	6 YEARS		
Max Cost -12 Mo. P.O.	NA		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

*Note: Economics run based upon 200 MCFD production vs 0 MCFD.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	4213'
Ojo Alamo:		Point Lookout:	4684'
Kirtland Shale:		Mancos Shale:	4853'
Fruitland:	2049'	Gallup:	
Pictured Cliffs:	2485'	Graneros:	
Lewis Shale:		Dakota:	
Cliff House:	4149'	Morrison:	

Bradenhead Test Information:

Test Date: 7/6/94 Tubing: 331 psi Casing: 335 psi BH: 335 psi

Time	BH	CSG	INT	CSG
5 min	156			
10 min	148			
15 min	137			

Comments: Bradenhead has steady flow of gas.

SJ 28-7 #68

Orig. Comp. 4/57

TD = 4872', PBD = 4835'

Page 2 of 3

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow well down, kill well if necessary with 2% KCL.
6. Nipple down well head, nipple up and pressure test BOP's.
7. Trip in the hole and tag PBD, check for fill, trip and tally out of hole with tubing checking condition of tubing.
8. Trip in the hole with bit and scraper for the intermediate casing and trip in to the top of the liner. Trip out of the hole with bit and scraper. Trip in hole with second bit and scraper and run from the top of the liner to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations. Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR, spot sand on RBP and pressure test csg to 1000 psi. If no leak is found, trip out of hole with PKR and skip to step 11.
10. Trip out of hole isolating leak in liner, if any. If a liner leak is found, establish injection rate and check for circulation around liner top. Also, determine if there is a leak above the top of the liner. Trip out of hole with PKR.
11. Determine from well file and history, the interval a CBL needs to be run between the RBP and the surface. If a CBL is needed, run CBL over the interval necessary under 1000 psi and report results to Denver. Different size CBL tools may be required in the liner versus the intermediate casing.
12. If there are no casing leaks, skip to step 14.
13. If there is a leak in the liner and a leak above the top of the liner, trip in hole with a RBP that fits the liner and a PKR that fits the intermediate casing. Set RBP 30-60' below the top of the liner. Release PKR and trip out of hole isolating leak in the intermediate casing.
14. Based on the location of the leak, if any, and the results of the CBL, perforate casing if necessary with 4 JSPF and circulate dye if possible to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.
15. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface, if circulation to surface is possible. Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.
16. Trip out of hole. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
17. If cement is not circulated to the surface, it may be necessary to run another CBL (and/or temperature survey 8-10 hours after cementing) and repeat steps 14 thru 16.

SJ 28-7 #68
Orig. Comp. 4/57
TD = 4872', PBTD = 4835'
Page 3 of 3

18. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.
19. If there is a leak in the liner top, trip in hole with a PKR. If there is no leak in the liner top, skip to step 22.
20. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to squeeze liner top. Attempt to obtain a squeeze pressure and WOC.
21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leak if liner top fails pressure test.
22. If there is a second RBP in the liner, trip in the hole with a retrieving head, circulate sand off of the RBP and trip out of hole with the plug.
23. If there is a leak in the liner or squeeze work is required based on the CBL, perforate casing, if necessary with 4 JSPF. Trip in hole with a cement retainer and set above the leak or perforations.
24. Mix and pump sufficient cement (class B or equivalent with two hour setting time) and attempt to obtain a squeeze pressure and WOC.
25. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
26. Trip in the hole with retrieving head for RBP set in the liner, circulate sand off of RBP with 2% KCL and trip out of hole with plug.
27. Trip in hole with a sawtooth collar and/or bailer and clean out to PBTD and trip out of hole.
28. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing to original depth. Nipple down BOP's, nipple up well head.
29. Swab well in and put well on production.
30. Rig down move off service unit.

If problems are encountered, please contact:

Lara Kwartin

*(W) (303) 830-5708
(H) (303) 343-3973*

Amoco Production Company

Sheet No _____ of _____

File _____

ENGINEERING CHART

Appn _____

SUBJECT SJ 28-7 #68NP

Date 2-2-95

31-28N-7W

55 FEB 19 7 12: 58

By SGK

Completed 4/57

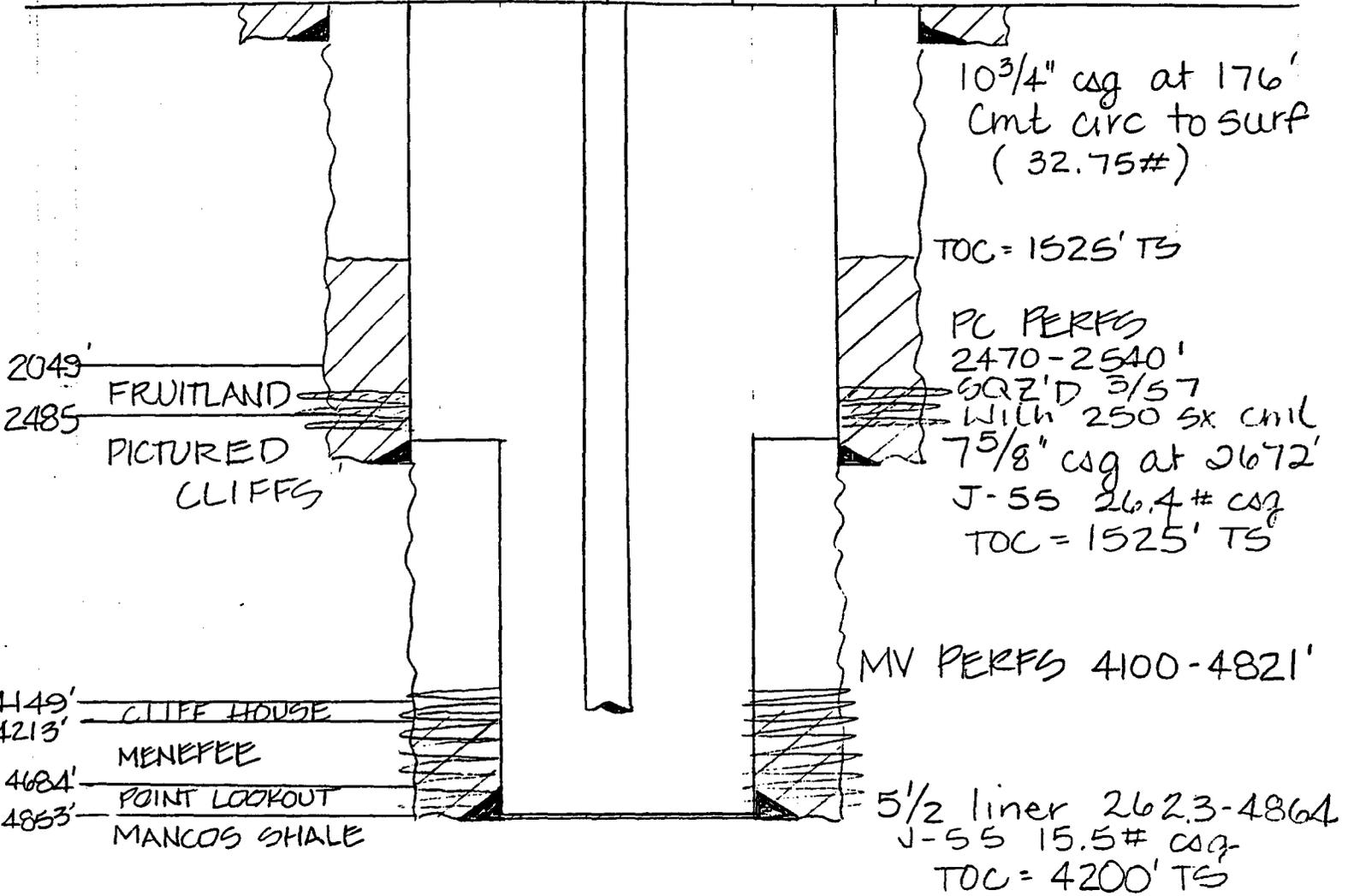
070 11/11/95, 11/11

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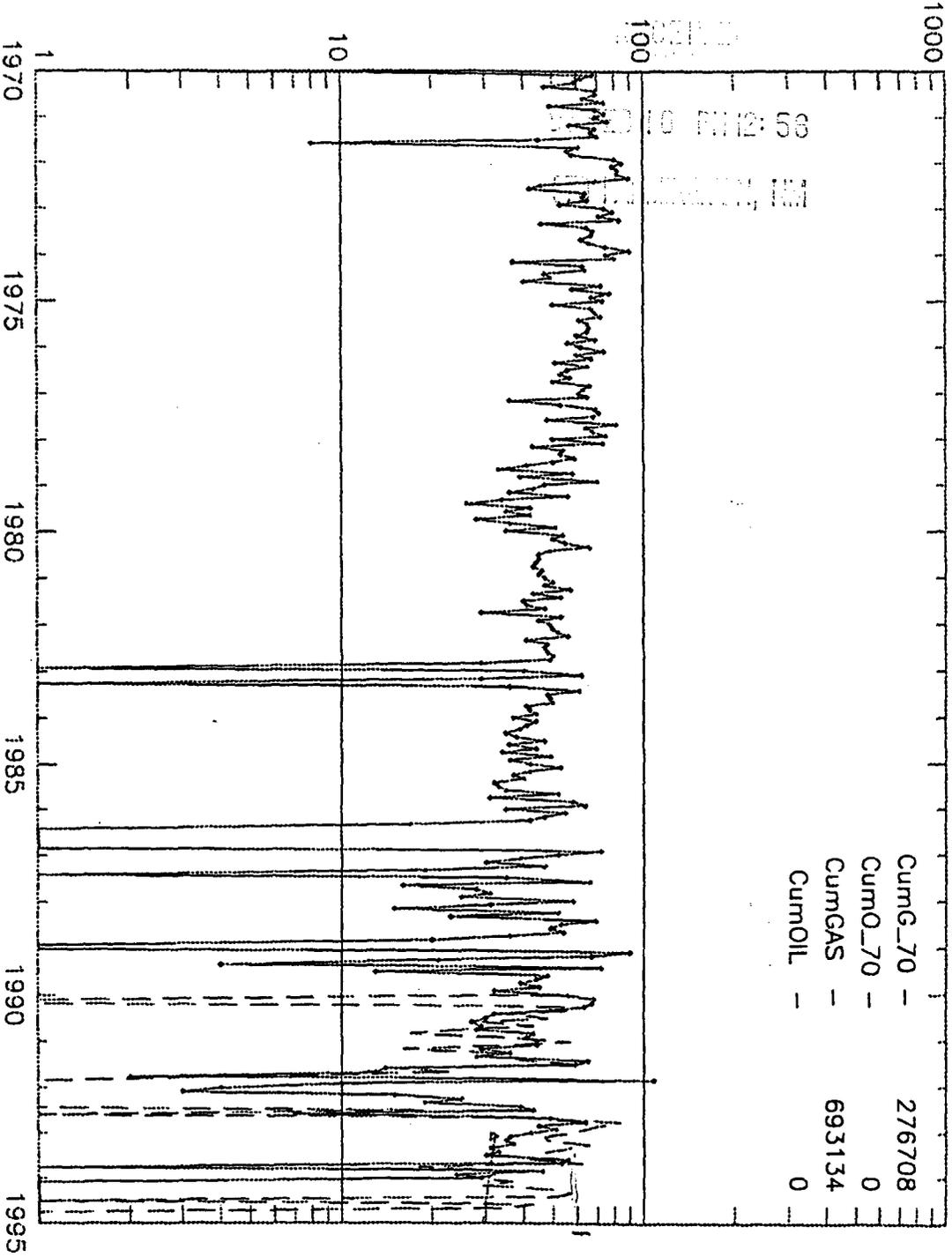
Tested 1-11-95



SAN JUAN 28 7 UNIT NP 68

300396007100MV B312807-068 MV

Operator - AMOCO PRODUCTION C
APC_WI - 0.50000000



BRADENHEAD TEST REPORT

DATE 7-6-94

OPERATOR AMOCO PRODUCTION COMPANY

Wellname: SAN JUAN 28-7 NP

Well No. 068

Formation: MV

Section: B31 TOWNSHIP: 28N

Range: 07W

55 FEB 10 1994
070 1500000000 171

INITIAL PRESSURE (psi)

Well Status (Circle One) SHUT-IN FLOWING

No. of Casing Strings (Circle One) TWO (Production and Surface) THREE (Intermediate, Production and Surface)

Pressure: Tubing 331 (psi) Intermediate NA (psi) Casing 335 (psi) Bradenhead 335 (psi)

INSTRUCTIONS FOR TESTING WELLS WITH TWO (2) CASING STRINGS:

- A. Open bradenhead to atmosphere.
- B. Record casing pressure every 5 minutes.
- C. Note characteristics of bradenhead flow.
- D. Describe any water flow.

INSTRUCTIONS FOR TESTING WELLS WITH THREE (3) CASING STRINGS:

- A. Open intermediate casing to atmosphere.
 - B. Record casing and bradenhead pressure every 5 minutes.
 - C. Note characteristics of intermediate flow.
 - D. Describe any water flow from the intermediate.
 - E. Open bradenhead to the atmosphere.
 - F. Record casing and intermediate pressures every 5 minutes.
 - G. Note characteristics of bradenhead flow.
 - H. Describe any water flow from the bradenhead.
- Shut in intermediate valve.

PRESSURE (psi)

Time	Bradenhead	Casing	Intermediate	Casing
5 min	<u>156</u>	<u>328</u>	<u>NA</u>	
10 min	<u>148</u>	<u>321</u>		
15 min	<u>137</u>	<u>315</u>		
20 min	<u>133</u>	<u>309</u>		
25 min	<u>128</u>	<u>305</u>		
30 min	<u>121</u>	<u>302</u>		

	FLOW CHARACTERISTICS			DESCRIBE ANY WATER FLOW	
	Bradenhead	Intermediate		Bradenhead	Intermediate
Steady Flow	_____	_____	Clear	_____	_____
Surges	_____	_____	Fresh	_____	_____
Down to Nothing	_____	_____	Salty	_____	_____
No Flow	_____	_____	Sulfur	_____	_____
Gas	<u>X</u>	_____	Black	_____	_____
Water	_____	_____	Muddy	_____	_____
Gas and Water	_____	_____			

REMARKS: Bradenhead has steady flow of gas, it is pulling well casing & tubing BT down while venting gas from bradenhead

DATE: 7-6-94

BY: Lone Farnsworth

(June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

53 JUN 21 AM 9 53

1. Type of Well (Oil Well, Gas Well, Other)
2. Name of Operator (Amoco Production Company, Attention E. R. Nicholson)
3. Address and Telephone No. (P. O. Box 800, Denver, Colorado 80201 (303) 830-5014)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Below

5. Lease Designation and Serial No. See Below
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No. See Below
9. API Well No. See Below
10. Field and Pool, or Exploratory Area See Below
11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION: Notice of Intent, Subsequent Report, Final Abandonment Notice. TYPE OF ACTION: Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water. Includes 'RECEIVED' stamp dated MAY 1 0 1993 OIL CON. DIV DIST 2.

13. 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.)

Per conversation with Ken an Wayne Townsend this date, due to the low priority of the following wells, it is requested that approval be given to cancel the bradenhead procedures at this time.

- San Juan 28-7 Unit #33 (SF-079290) - Blanco Mesaverde, 800' FNL, 990' FEL, Sec. 13, T28N-R7W Unit "A", API #30 039 07438
San Juan 28-7 Unit #136 (SF-079289) - Basin Dakota, 1650' FSL, 1650' FEL, Sec. 14, T28N-R7W Unit "J", API #30 039 07408
San Juan 28-7 Unit #218 (SF-079289) - Basin Dakota, 1175' FSL, 1540' FWL, Sec. 12, T28N-R7W, API #30 039 20879
San Juan 28-7 NP #68 (SF-078500-A) - Blanco Mesaverde, 990' FNL, 1650' FEL, Sec. 31, T28N-R7W Unit "B", API #30 039 60071
San Juan 28-7 Unit #21 (SF-078497-A) - Blanco Mesaverde, 1080' FSL, 1650' FWL, Sec. 9, T28N-R7W Unit "N", API #30 039 07449
San Juan 28-7 Unit #241 (SF-078497-A) - Basin Dakota, 1690' FSL, 810' FWL, Sec. 9, T28N-R7W Unit "L", API #30 039 08100
San Juan 28-7 Unit #242E (SF-078497) - Basin Dakota, 900' FSL, 800' FWL, Sec. 7, T28N-R7W Unit "M", API #30 039 22359
San Juan 28-7 Unit #195E (SF-078497) - Basin Dakota, 1050' FNL, 1035' FEL Sec. 16, T28N-R7W, API #30 039 22361
San Juan 28-7 Unit #61 (SF-079289) - Blanco Mesaverde, 1550' FSL, 1650' FWL Sec. 10, T28N-R7W Unit "K", API #30 039 07460

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

Signed ER Nicholson

Title By Adm Analyst Date 4-29-93

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by Conditions of approval, if any:

AMOC

Date MAY 05 1993

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.

FARMINGTON DISTRICT OFFICE BY

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION
RECEIVED

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
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Use "APPLICATION FOR PERMIT—" for such proposals

1992 MAR 18 AM 9 15

5. Lease Designation and Serial No.
SF-078500-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
San Juan 28-7 NP #68

9. API Well No.
30-039-60071

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

11. County or Parish, State
Rio Arriba, NM

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Amoco Production Company Attn: John Hampton

3. Address and Telephone No.
P.O. Box 800 Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL, 1650' FEL Sec. 31, T28N-R7W: Unit "B"

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Bradenhead Repair</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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Amoco intends to perform the attached workover procedure required to eliminate bradenhead pressure.

In addition, Amoco also requests approval to construct a temporary 15'X15'X 5' blow pit for return fluids. This pit will be reclaimed if utilized, upon completion of this operation.

RECEIVED
MAR 5 1992
OIL CON. DIV
DIST. 3

RECEIVED
MAR 19 AM 10:00
52 FTR 19 AM 10:00

Please contact Cindy Burton (303) 830-5119 if you have any questions.

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

Signed: J. Hampton Title: Sr. Staff Admin. Supv. Date: 3/17/92

(This space for Federal or State office use)

Approved by: [Signature] Title: _____ Date: MAR 03 1992

Conditions of approval, if any: _____

AREA MANAGER

NMOCD

Workover Procedure
San Juan 28-7 #68
Sec.31-T28N-R07W
San Juan County, NM

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow well down, kill well if necessary with 2% KCL.
6. Nipple down well head, nipple up and pressure test BOP's.
7. Trip in the hole and tag PBTB, check for fill, trip and tally out of hole with tubing checking condition of tubing.
8. Trip in the hole with bit and scraper for the intermediate casing and trip in to the top of the liner. Trip out of the hole with bit and scraper. Trip in hole with second bit and scraper and run from the top of the liner to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations. Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR, spot sand on RBP and pressure test csg to 1000 psi. If no leak is found, trip out of hole with PKR and skip to step 11.
10. Trip out of hole isolating leak in liner, if any. If a liner leak is found, establish injection rate and check for circulation around liner top. Also, determine if there is a leak above the top of the liner. Trip out of hole with PKR.
11. Determine from well file and history, the interval a CBL needs to be run between the RBP and the surface. If a CBL is needed, run CBL over the interval necessary under 1000 psi and report results to Denver. Different size CBL tools may be required in the liner versus the intermediate casing.
12. If there are no casing leaks, skip to step 14.

25. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
26. Trip in the hole with retrieving head for RBP set in the liner, circulate sand off of RBP with 2% KCL and trip out of hole with plug.
27. Trip in hole with a sawtooth collar and/or bailer and clean out to PBD and trip out of hole.
28. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing to original depth. Nipple down BOP's, nipple up well head.
29. Swab well in and put well on production.
30. Rig down move off service unit.

13. If there is a leak in the liner and a leak above the top of the liner, trip in hole with a RBP that fits the liner and a PKR that fits the intermediate casing. Set RBP 30-60' below the top of the liner. Release PKR and trip out of hole isolating leak in the intermediate casing.
14. Based on the location of the leak, if any, and the results of the CBL, perforate casing if necessary with 4 JSPF and circulate dye if possible to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.
15. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface, if circulation to surface is possible. Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.
16. Trip out of hole. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
17. If cement is not circulated to the surface, it may be necessary to run another CBL (and/or temperature survey 8-10 hours after cementing) and repeat steps 14 thru 16.
18. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.
19. If there is a leak in the liner top, trip in hole with a PKR. If there is no leak in the liner top, skip to step 22.
20. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to squeeze liner top. Attempt to obtain a squeeze pressure and WOC.
21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leak if liner top fails pressure test.
22. If there is a second RBP in the liner, trip in the hole with a retrieving head, circulate sand off of the RBP and trip out of hole with the plug.
23. If there is a leak in the liner or squeeze work is required based on the CBL, perforate casing, if necessary with 4 JSPF. Trip in hole with a cement retainer and set above the leak or perforations.
24. Mix and pump sufficient cement (class B or equivalent with two hour setting time) and attempt to obtain a squeeze pressure and WOC.

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

JUN 14 1989

Operator Amoco Production Company		Well API No. 3003960071
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155		

**OIL CONSERVATION DIV.
SANTA FE**

II. DESCRIPTION OF WELL AND LEASE

Lease Name SAN JUAN 28-7 UNIT NP	Well No. 68	Pool Name, including Formation BLANCO (MESAVERDE)	FEDERAL	Lease No. SF078500A
Location				
Unit Letter B	990	Feet From The FNL	Line and 1650	Feet From The FEL
Section 31	Township 28N	Range 7W	NMPM,	County RIO ARRIBA

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
CONOCO	P. O. BOX 1429, BLOOMFIELD, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
EL PASO NATURAL GAS COMPANY	P. O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When?

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

IV. 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, RF, 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

OIL WELL (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.)			
Date First New Oil Run To Tank	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
GAS WELL			
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature J. L. Hampton
Printed Name **J. L. Hampton** Sr. Staff Admin. Suprv.
Date **January 16, 1989** Title **303-830-5025**
Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**
By [Signature]
Title **SUPERVISION DISTRICT # 8**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

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U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator
Tenneco Oil Company - [REDACTED]

Address
P.O. Box 3249, Englewood, CO 80155

Reason(s) for filling (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)

OCT 02 1985

If change of ownership give name and address of previous owner **El Paso Natural Gas Company, P.O. Box 4990, Farmington, NM 87499**

II. DESCRIPTION OF WELL AND LEASE

Lease Name SJ 28-7 Unit NP	Well No. 68	Pool Name, Including Formation Blanco-MV	Kind of Lease State, Federal or Fee USA SF	Lease No. 078500-A
Location				
Unit Letter B	: 990	Feet From The North	Line and 1650	Feet From The East
Line of Section 31	Township 28N	Range 7W	NMPM, Rio Arriba	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco Inc Surface Transportation	P.O. Box 460, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P.O. Box 4990, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit: B Sec.: 31 Twp.: 28N Rge.: 7W	Yes

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

[Signature]
(Signature)
Sr. Regulatory Analyst
(Title)
OCT 1 1985
(Date)

OIL CONSERVATION DIVISION
APPROVED *[Signature]*, 19____
BY _____
TITLE _____

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 Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. 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 OIL WELL

(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)

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

GAS WELL

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



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OPERATOR	
PRORATION OFFICE	

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

MAIN
'65 NOV 8 P 1

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

I. OPERATOR
Operator: **El Paso Natural Gas Company**
Address: _____

Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

Other (Please explain): **Name Change from San Juan 28-7 Unit #68**

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 28-7 Unit NP	Well No. 68	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee
Location Unit Letter B ; _____ Feet From The _____ Line and _____ Feet From The _____			
Line of Section 31 , Township 28-N Range 7-W , NMPM, Rio Arriba County _____			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? Yes When

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

IV. 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.			
Pool	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

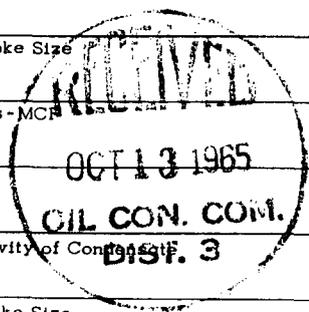
V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(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)

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

GAS WELL

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



VI. 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.

[Signature]

Petroleum Engineer (Title)
October 12, 1965 (Date)

OIL CONSERVATION COMMISSION

APPROVED NOV 1 1965, 19_____
BY *[Signature]*
TITLE Supervisor Dist. # 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 Sections I, II, III, and VI only 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 completed wells.

OIL CONSERVATION COMMISSION

MAIN OFFICE OCC

BOX 697

120 EAST CHACO

1957 OCT 10 AM 8:18

AZTEC, NEW MEXICO

R.G.

NOTICE OF GAS CONNECTION

DATE September 23, 1957

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

THE El Paso Natural Gas Company
OPERATOR

San Juan 28-7 No. 68 B 31-28-7
LEASE WELL UNIT S-T-R

Blanco, Mesa Verde El Paso Natural Gas Company
POOL NAME OF PURCHASER

WAS MADE ON September 17, 1957 , FIRST DELIVERY September 17, 1957
DATE DATE

AOF - 923. Choke - 896
INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

L. G. Killenau
REPRESENTATIVE

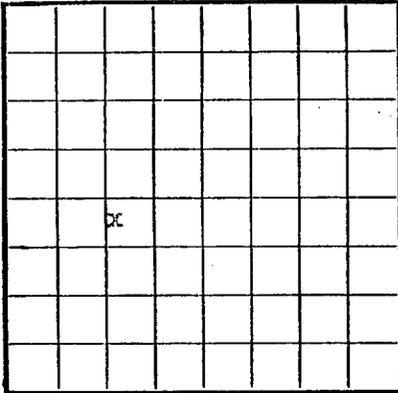
Assistant
Chief Dispatcher
TITLE

CC: TO OPERATOR
OIL CONSERVATION COMMISSION - SANTA FE
F. N. WOODRUFF - EL PASO
B. D. ADAMS
Three States Natural Gas
FILE

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078500-4
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14-00-001-459



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blance State New Mexico
Well No. 68 Sec. 31 T. 28N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. {N.} of N. Line and 1650 ft. {E.} of E. Line of Section 31 Elevation 5983'
(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 May 22, 1957 Title Petroleum Engineer

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

Commenced drilling 1-19, 1957 Finished drilling 1-31, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2485 to 2608 (G) No. 4, from 4634 to 4853 (G)
No. 2, from 4149 to 4213 (G) No. 5, from _____ to _____
No. 3, from 4213 to 4684 (G) 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		Purpose
							From--	To--	
10-3/4"	32.75	F.P.	S.W.	160'	Howco				surface
7-5/8"	26.40	8 Ra.	J-55	2245'	Howco				Intermediate
5-1/2"	15.50	8 Ra.	J-55	2245'	Baker				Prod. Liner
2"	4.7	8 Ra.	J-55	478'					Prod. Tubg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	175'	150	circulated		
7-5/8"	2672'	350	single stage		
5-1/2"	2523-4861'	375	single stage		

PLUGS AND ADAPTERS

Heaving plug + Material _____ Length _____ Depth set _____

FOLD MARK

FOLD MARK

10-3/4	113	350	single stage
7-5/8	2672	350	single stage
5-1/2	2623-4861	375	single stage

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
See Well History						

TOOLS USED

Rotary tools were used from 0 feet to 2672 feet, and from 2672 feet to 4872 feet Gas Drilled
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 4-2 _____, 19-57 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. 896,000
 912

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1660	1660	Tan to gry cr-grn ss interbedded w/gry sh.
1660	1850	190	Ojo Alamo ss. White cr-grn s.
1850	2049	199	Kirtland form. Gry sh interbedded w, tight gry fine-grn ss.
2049	2485	436	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2485	2608	123	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2608	4149	1541	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4149	4213	64	Cliff House ss. Gry, fine-grn dense sil ss.
4213	4384	471	Menafec form. Gry, fine-grn s, carb sh & coal.
4384	4853	169	Foist Lockout form. Gry, very fine sil ss w/frequent sh breaks.
4853	4872	19	Mancos formation. Gry carb sh.

(OVER)

10-43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1000	1000	0	
1000	1000	0	
1000	1000	0	
1000	1000	0	
1000	1000	0	
1000	1000	0	
1000	1000	0	
1000	1000	0	

FROM—	TO—	TOTAL FEET	FORMATION
-------	-----	------------	-----------

FORMATION RECORD

1000	1000	0	
1000	1000	0	

EMPLOYEES

Book present for per ad. in	1000	
If gas was cut for per ad. in	1000	
The production for the first	1000	

TOOLS

Cable tools were used from	1000	1000
Bottom tools were used from	1000	1000

TOOLS USED

Size	Depth	Explosive used	Quantity	Date	Depth used	Explosive used

SHOOTING RECORD

Adapters—Material	Size	Depth
Producing plug—Material	Size	Depth

PLUGS AND ADAPTERS

LORD MARR

FOOT MARK

DATE OF DRILLING	DEPTH OF WELL	LOCATION	NAME OF OPERATOR	NAME OF CONTRACTOR	NAME OF COMPANY

DRILLING AND CEMENTING RECORD

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

2-6-57. C.O.P. 4839. Perf. w/2 DJ/ft. Int. 4659-74; 4682-4702; 4714-24; 4733-42; 4752-60; 4780-88; 4806-21. Water frac I.R. 5/50,000% sand. 49,000 gal. water. Flush 9000 gal. I.R. 60.5 BIM. B.D. 2400, avg. tr. pr. 1000, max. pr. 1200%.

2-6-57. B.F. at 4600'. Perf. w/2/ft. Int. 4145-56; 4166-76; 4186-4212. Water frac C.H. w/50,000 gal. water, 60,000% sand. Flush w/9000 gal. IR 52.5 BIM. B.D. 2800, avg. tr. pr. 1800, max. pr. 1800%.

2-6-57. BE. at 4000'. Perf. w/2 DJ/ft. Int. 2470-2500; 2520-2540. Water frac P.C. w/41,946 gal. water 40,000% sand. Flush w/6000 gal. water. I.R. 69.7 BIM. B.D. 3000, avg. tr. pr. 1000%, max. pr. 1200%.

OIL OR GAS SANDS OR LOMES

Continued drilling

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

Date

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

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

Location of well

Section of well

Person or firm

Company

FOOT MARK CORRECTIONS

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR UNITED STATES

ORDER OF REVISION TO THIS LOG

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

1577
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease San Juan 28-7 Unit

Well No. 68 Unit Letter B S 31 T 28N R 7W Pool Blanco Messard

County Rio Arriba Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co.

Address _____
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address _____
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well _____ (X)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership _____ () Other _____ ()

Remarks: _____ (Give explanation below)

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

Executed this the 14 day of May 19 57

By [Signature]

Approved [Signature] 19 57

Title Petroleum Engineer

OIL CONSERVATION COMMISSION

Company El Paso Natural Gas Company

By [Signature]

Address Box 997

Title Secretary

Farmington, New Mexico

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico May 14, 1957
(Place) (Date)

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

El Paso Natural Gas Co. San Juan 28-7 Unit, Well No. 68, in NW 1/4 NE 1/4,
(Company or Operator) (Lease)
B, Sec. 31, T. 28N, R. 7W, NMPM, Blanco Pool
Unit Letter
Rio Arriba County. Date Spudded 1-19-57, Date Completed 4-2-57

Please indicate location:

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

990N, 1650E

Casing and Cementing Record

Size	Feet	Sax
10-3/4"	160'	150
7-5/8"	2660'	250
5-1/2"	2245'	375
2"	4781'	---

Elevation 5973 Total Depth 4872', P.B.

Top oil/gas pay 4659' (Perf.) Name of Prod. Form M.V.
2470-2500; 2520-40 squeezed w/475 sks cmt., 4100-01; 4148-56; 4166-
Casing Perforations: 4188-4218 sq. w/100 sks cmt. 4659-74; 4682-or
4702; 4714-24; 4733-42; 4752-60; 4780-88; 4806-21'.
Depth to Casing shoe of Prod. String

Natural Prod. Test BOPD
based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential Ch. Volume = 896 MCF/D; A.B.F. = 923 MCF/D

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system: w/o Pipeline

Transporter taking Oil or Gas: El Paso Natural Gas Company

Remarks:

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

Approved MAY 31 1957, 19

El Paso Natural Gas Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: *E. J. Coel*
(Signature)

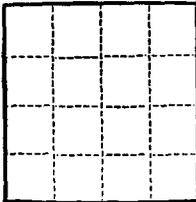
By: *Emery C. Coel*
Title Supervisor

Title: ~~Executive~~ Petroleum Engineer
Send Communications regarding well to:

Name: E. J. Coel

Address: Box 997, Farmington, New Mexico

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078500-A
Unit San Juan 28-7 Unit
14-08-001-459

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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)

April 29, 1957

Well No. 68 is located 990 ft. from N line and 1650 ft. from E line of sec. 31

NE Section 31 28N TN N.M.P.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5263 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)

2-1-57. Total Depth 4872'.
Ran 99 joints 5-1/2", 15.50#, J-55 liner (2245') set from 2623' to 4868' with
150 sacks regular cement, 150 sacks Pozmix, 2% Gel, 1, 0/8 Flocele/sk.
Held 1000# for 30 minutes.
Top of cement by temperature survey at 4200'.

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

Company El Paso Natural Gas Company

Address Box 997

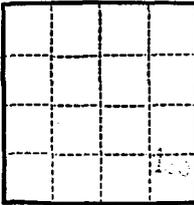
Farmington, New Mexico

By [Signature]

Title Petroleum Engineer

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 078500-A
Unit San Juan 28-7 Unit
14-08-001-459



RECEIVED
FEB 18 AM 9:32
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	Water Fracture	X

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

February 8, 1957

Well No. 68 is located 990 ft. from [N] line and 1650 ft. from [E] line of sec. 31
~~rock~~
NE Section 31 28N TW BMFM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

2-6-57 T.D. Cleaned out 4835'. Water fractured Point Lookout perf. int. 4659-74, 4682-4702, 4714-24, 4733-42, 4752-60, 4780-28, 4806-21 w/49,000 gals. water & 60,000 sand. BDP 2400#, max. pr. 1200#, avg. tr. pr. 1000#. I.R. 60.5 BPM. Flush 9000 gals.

2-6-57 Temp. Bridge Plug 3 4600'. Water fractured Cliff House perf. int. 4148-56, 4166-76, 4188-4218 w/50,080 gals. water & 60,000# sand. BDP 2800#, max. pr. 1800#, avg. tr. pr. 1800#. I.R. 52.5 BPM. Flush 9000 gals.

2-6-57 Temp. B.P. 3 4000'. Water fractured Pictured Cliffs perf. int. 2470-2500, 2520-2540 with 41,946 gals. water & 40,000# sand. BDP 3000#, max. pr. 1200#, avg. tr. pr. 1000#. I.R. 69.7 BPM. Flush 6000 gals.

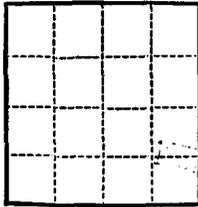
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company

Address Box 997

Farmington, New Mexico

By WILBERT E. S. OBERLY
Title Petroleum Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078500-A
Unit San Juan 28-7 Unit
14-08-001-459

RECEIVED
FEB 20 AM 9:32

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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)

February 8, 1957

Well No. 68 is located 990 ft. from N line and 1650 ft. from E line of sec. 31
NE section 31 28N TN 36W
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bianco Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

On 1-25-57, Total Depth 2672'.
Ran 89 joints 7 5/8", J-55, 26.4#, casing (2600') set at 2672' with 100 sacks regular cement, 100 sacks Penix, 50# Flocalc and 4# Gel, 1/4# Flocalc/sk. followed with 50 sacks Heat cement.
Held 1000# 30 minutes.
Top of cement by temperature survey at 1525'.

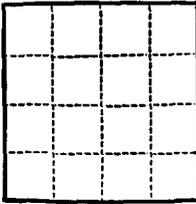


I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company
Address Box 997
Farmington, New Mexico
By _____
Title Petroleum Engineer

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 076500-A
Unit San Juan 28-7 Unit
14-08-001-459



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	X
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)

February 8, 1957

Well No. 68 is located 990 ft. from [N] line and 1650 ft. from [E] line of sec. 31
~~31~~

NE Section 31 26N 7W 101N
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

2-1-57, Total Depth 4872'.
Ran 99 joints 5 1/2", 15.50#, J-55 liner (2623') set at 4000' with 150 sacks regular cement, 150 sacks Pozmix, 2% Gel, 1/8" Floccale/sk.
Held 1000# for 30 minutes.
Top of cement by temperature survey at 4200'.



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

Company El Paso Natural Gas Company
Address Box 997
Farmington, New Mexico

By _____
Title Petroleum Engineer

ORIGINAL SIGNED E. S. OBERLY

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date January 25, 1957

Operator El Paso Natural Gas Company Lease San Juan 28-7 Unit

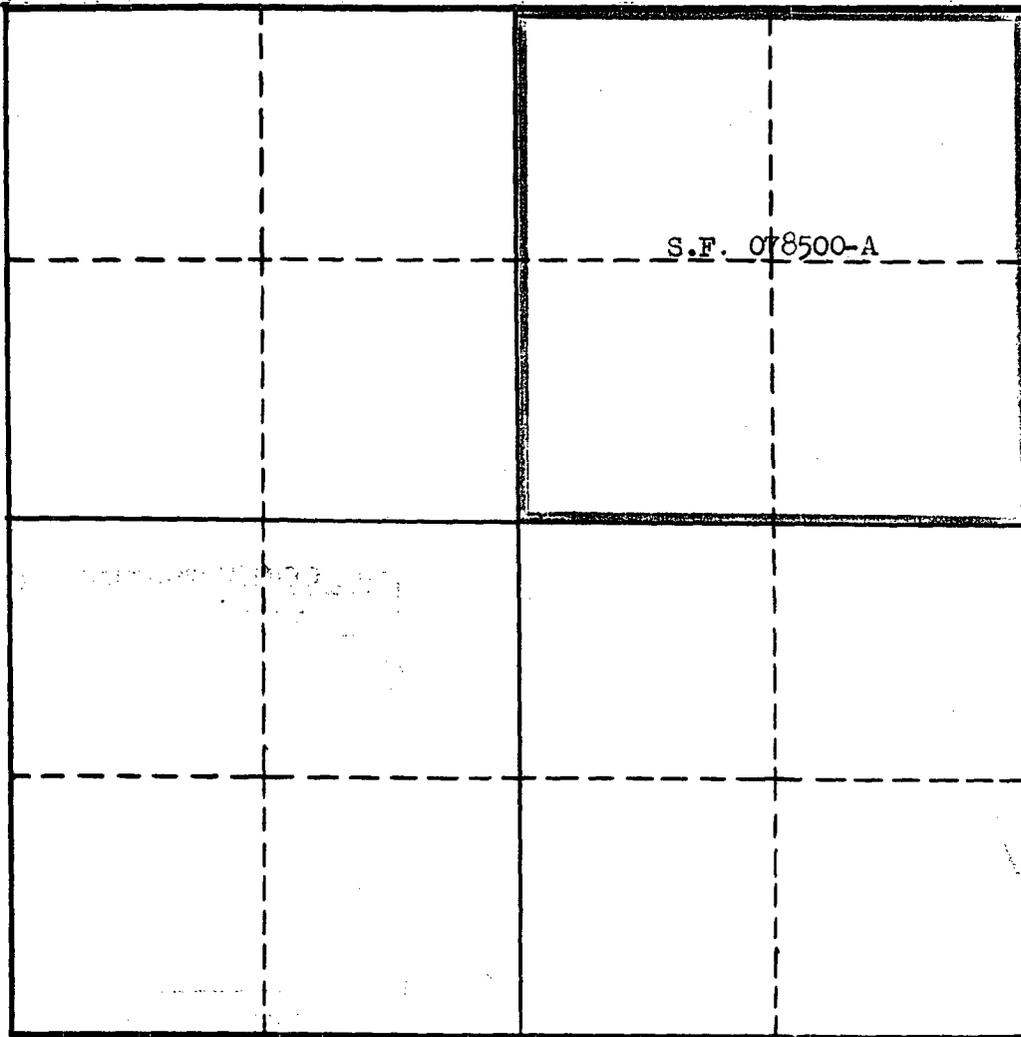
Well No. 68 (PM) Section 31 Township 28N Range 7W NMPM

Located 990 Feet From North Line, 1650 Feet From East Line,

Rio Arriba County, New Mexico. G. L. Elevation 5973'

Name of Producing Formation Pictured Cliffs Pool So. Blanco Ext. Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



SCALE: 1" = 1000'

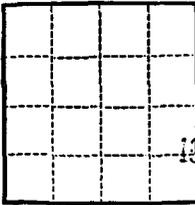
1. Is this Well a Dual Comp. ? Yes X No

2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No X

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.

Name W. F. [Signature]
Position Petroleum Engineer
Representing El Paso Natural Gas Co.
Address Box 997, Farmington, N.M.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 070500-1
Unit San Juan 20-7 Unit
14-08-001-459

1957 FEB 4 AM 8:43

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

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

January 26, 1957

Well No. 68 (FM) is located 990 ft. from N line and 1650 ft. from E line of sec. 31
NE section 31 22N 7W 1011M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

Spud date 1-19-57.
On 1-20-57. Total Depth 176'.
Run 4 joints 10 1/4", 32.75#, Araco spiral weld casing (160') set at 176'
with 150 sacks regular cement circulated to surface.
Held 500, 30 minutes.



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

Company El Paso Natural Gas Company
Address Box 997
Farmington, New Mexico
By W. F. Court
Title Natural Gas Engineer

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 070500-A
Unit San Juan 28-7 Unit
14-08-001-459



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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)

January 25, 19 57

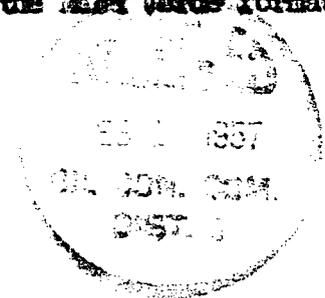
Well No. 68 (M) is located 990 ft. from N line and 1650 ft. from E line of sec. 31
~~6~~ ~~W~~
NE Section 31 28N 7W 104M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco & So. Blanco Art. Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 ft.

DETAILS OF WORK

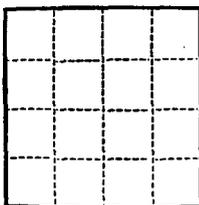
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to dual complete this well in the Pictured Cliffs and Mesa Verde formations. The NE 1/4 of Section 31 is dedicated to the Pictured Cliffs formation. The E/2 of Section 31 is dedicated to the Mesa Verde formation.



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

Company El Paso Natural Gas Company
Address Box 997
Farmington, New Mexico
By W. F. Covert
Title Petroleum Eng near



(SUBMIT IN TRIPLICATE)

MAIN OFFICE UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 18 1957
3:56

Land Office Santa Fe
076500-A

Lease No. San Juan 28-7 Unit

Unit 14-08-001-459

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

FARMINGTON, NEW MEXICO
January 18, 1957

Well No. 66 is located 990 ft. from N line and 1650 ft. from E line of sec. 31

NE Section 31 28N T8 104W

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco Rio Arriba New Mexico

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

It is intended to drill a well with rotary tools thru the Mesa Verde formation. Mud circulation will be used thru the Pictured Cliffs and set intermediate casing. Gas circulation will be used thru the Mesa Verde and production casing will be set. Possible productive intervals will be perforated and fractured. Estimated T.D. 4872'.

Casing Program:

- 10 3/4" at 170' with 125 sacks cement circulated to the surface.
- 7 5/8" at 2672' with 250 sacks cement.
- 5 1/2" at 4872' with 150 sacks cement.

The E/2 of Section 31 is dedicated to this well.
E/2 of 076500-A.

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

Company El Paso Natural Gas Company

Address Box 997
Farmington, New Mexico

By W. E. Wells
Title Petroleum Engineer

WELL LOCATION AND/OR GAS PRORATION PLAT

DATE JANUARY 17, 1957

OWNER EL PASO NATURAL GAS COMPANY UNIT SAN JUAN 28-7 UNIT SF 078500-A

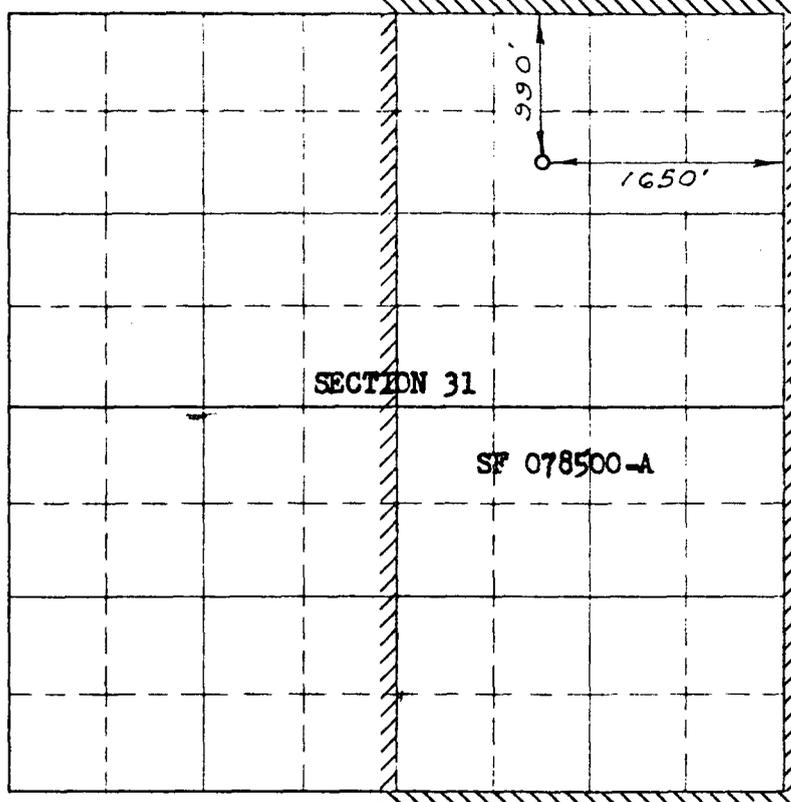
WELL NO. 68 SECTION 31 T. 28-N R. 7-W N.M.P.M.

LOCATED 990 FEET FROM NORTH CORNER 1650 FEET FROM EAST CORNER

RIO ARRIBA COUNTY, NEW MEXICO WELL ELEVATION 5973

NAME OF PROPERTY OWNERS MESA VERDE BLANCO TOTAL ACRES 315 ACRES
(1917 PLAT)

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



Scale 4 inches equal 1 mile

RECEIVED
JAN 18 1957

NOTE

This section of form is to be used for gas wells only

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 DECEMBER 26, 1956

E. O. Walker
Registered Professional Engineer and/or Land Surveyor

(Seal)

Farmington, New Mexico

1. Is this well a Dual Comp.
Yes _____ No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage.
Yes _____ No _____

Name Original Signed EWELL N. WALSH

Position Petroleum Engineer

Representing El Paso Natural Gas Co.

Address Box 997, Farmington, N.M.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 3272
Order No. R-2948

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR NON-STANDARD GAS PRORA-
TION UNITS, BASIN-DAKOTA GAS POOL,
RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 30, 1965, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 16th day of August, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, seeks approval of 51 non-standard gas proration units in the Basin-Dakota Gas Pool, Rio Arriba County, New Mexico, in the following area:

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM
Sections 7 through 13, 24 and 25, and
33 through 36

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM
Sections 7 through 12, 18 and 19, and
30 through 34

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Sections 7 through 12, 18 and 19, and
30 through 36

CASE No. 3272
Order No. R-2948

(3) That a standard gas proration unit in the Basin-Dakota Gas Pool consists of 320 acres, and that each of the proposed non-standard units exceeds 320 acres.

(4) That non-standard units are necessary in the subject area due to variations in legal subdivisions of the U. S. Public Land Survey.

(5) That the non-standard units created in the subject area should approximate 320 acres, insofar as is practicable, in order to afford to the owner of each property in the Basin-Dakota Gas Pool the opportunity to produce his just and equitable share of the gas in the pool, and otherwise prevent waste and protect correlative rights.

(6) That non-standard gas proration units approximating 320 acres, insofar as is practicable, should be created in the subject area, and that the subject application should otherwise be denied.

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard gas proration units in the Basin-Dakota Gas Pool are hereby approved:

RIO ARRIBA COUNTY, NEW MEXICO
TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM

Unit	Acres	Description
1	322.96	Section 7: Lots 1, 2, 3, and 4 and S/2 S/2 Section 8: SW/4 SW/4
2	313.42	Section 8: Lots 1, 2, 3, and 4, SE/4 SW/4, and S/2 SE/4 Section 9: Lot 4 and SW/4 SW/4
3	322.35	Section 9: Lots 1, 2, and 3, SE/4 SW/4, and S/2 SE/4 Section 10: Lot 4 and S/2 SW/4
4	321.61	Section 10: Lots 1, 2, and 3 and S/2 SE/4 Section 11: Lot 4, S/2 SW/4, and SW/4 SE/4

-3-

CASE No. 3272

Order No. R-2948

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM (CONT.)

Unit	Acres	Description
5	310.19	Section 11: Lots 1, 2, and 3 and SE/4 SE/4 Section 12: Lots 3 and 4, S/2 SW/4, and SW/4 SE/4
6	342.30	Section 12: Lots 1, 2, and 5 Section 13: Lots 1 and 2, W/2 NE/4, and NW/4 SE/4
7	327.36	Section 13: Lots 3 and 4 and SW/4 SE/4 Section 24: Lots 1 and 2 and W/2 NE/4
8	329.09	Section 24: Lots 3 and 4 and W/2 SE/4 Section 25: Lots 1 and 2 and NW/4 NE/4
9	316.76	Section 25: Lots 3 and 4, SW/4 NE/4 and W/2 SE/4 Section 36: Lot 1 and NW/4 NE/4
10	330.74	Section 36: Lots 2, 3, 5, 6, 7, and 8 and NW/4 SE/4
11	345.39	Section 36: Lot 4, NE/4 NW/4, S/2 NW/4, SW/4 NE/4, and N/2 SW/4 Section 35: Lot 1
12	330.92	Section 36: NW/4 NW/4 Section 35: Lot 2, NE/4, and N/2 SE/4
13	345.82	Section 35: Lots 3 and 4, NE/4 NW/4, S/2 NW/4, and N/2 SW/4 Section 34: Lot 1
14	326.42	Section 35: NW/4 NW/4 Section 34: Lot 2, NE/4, and N/2 SE/4
15	329.70	Section 34: W/2
16	325.46	Section 33: E/2

-4-

CASE No. 3272

Order No. R-2948

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Unit	Acres	Description
1	353.10	Section 12: Lots 1, 2, 3, and 4 and S/2 S/2 Section 11: Lot 1 and SE/4 SE/4
2	353.83	Section 11: Lots 2, 3, and 4, S/2 SW/4, and SW/4 SE/4 Section 10: Lots 1 and 2 and S/2 SE/4
3	354.79	Section 10: Lots 3 and 4 and S/2 SW/4 Section 9: Lots 1, 2, and 3, SE/4 SW/4, and S/2 SE/4
4	356.16	Section 9: Lot 4 and SW/4 SW/4 Section 8: Lots 1, 2, 3, and 4 and S/2 S/2
5	326.18	Section 7: Lots 1, 2, 3, 4, and 5, SE/4 SW/4, and S/2 SE/4 Section 18: Lot 1 and NE/4 NW/4
6	328.37	Section 18: Lots 2, 3, and 4, SE/4 NW/4, and E/2 SW/4 Section 19: Lots 1 and 2 and E/2 NW/4
7	328.77	Section 19: Lots 3 and 4 and E/2 SW/4 Section 30: Lots 1, 2, and 3, E/2 NW/4, and NE/4 SW/4
8	334.79	Section 30: Lot 4 and SE/4 SW/4 Section 31: Lots 1, 2, 3, 4, and 5, E/2 NW/4, and NE/4 SW/4
9	326.29	Section 31: E/2
10	325.23	Section 32: W/2
11	325.04	Section 32: E/2
12	325.59	Section 33: W/2
13	325.02	Section 33: E/2
14	324.69	Section 34: W/2
15	324.63	Section 34: E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Unit	Acres	Description
1	321.22	Section 12: Lots 1, 2, 3, and 4 and S/2 S/2 Section 11: Lot 1
2	333.76	Section 11: Lots 2, 3, and 4 and S/2 S/2 Section 10: Lot 1 and SE/4 SE/4
3	331.55	Section 10: Lots 2, 3, and 4, S/2 SW/4, and SW/4 SE/4 Section 9: Lots 1 and 2 and SE/4 SE/4
4	338.02	Section 9: Lots 3 and 4, S/2 SW/4, and SW/4 SE/4 Section 8: Lots 1, 2, and 3 and SE/4 SE/4
5	313.00	Section 8: Lot 4, S/2 SW/4, and SW/4 SE/4 Section 7: Lot 1, SE/4 SW/4, and S/2 SE/4
6	331.11	Section 7: Lots 2, 3, 4, and 5 Section 18: Lots 1, 2, and 3 and E/2 NW/4
7	345.30	Section 18: Lot 4 and E/2 SW/4 Section 19: Lots 1, 2, and 3, E/2 NW/4, and NE/4 SW/4
8	342.17	Section 19: Lot 4 and SE/4 SW/4 Section 30: Lots 1, 2, 3, and 4, E/2 NW/4, and NE/4 SW/4
9	316.50	Section 30: SE/4 SW/4 Section 31: Lot 1, E/2 NW/4, and NE/4
10	339.73	Section 31: Lots 2, 3, 4, 5, 6, and 7, NE/4 SW/4, and N/2 SW/4
11	315.36	Section 32: W/2
12	315.68	Section 32: E/2
13	316.00	Section 33: W/2
14	316.32	Section 33: E/2

-6-

CASE No. 3272

Order No. R-2948

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM (CONT.)

Unit	Acres	Description
15	318.40	Section 34: W/2
16	324.70	Section 35: W/2
17	327.70	Section 35: E/2
18	328.82	Section 36: W/2
19	328.06	Section 36: E/2

(2) That the subject application is otherwise hereby denied.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

S E A L

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

esr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 4042
Order No. R-2948-A

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR AN AMENDMENT TO ORDER
NO. R-2948, RIO ARRIBA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 5, 1969,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 11th day of February, 1969, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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 by Order No. R-2948, dated August 16, 1965, the
Commission approved several non-standard gas proration units in
the Basin-Dakota Gas Pool, Rio Arriba County, New Mexico, among
them the following:

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Unit	Acres	Description
12	325.59	Section 33: W/2
13	325.02	Section 33: E/2

CASE No. 4042

Order No. R-2948-A

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Unit	Acres	Description
16	324.70	Section 35: W/2
17	327.70	Section 35: E/2

(3) That the applicant, El Paso Natural Gas Company, now seeks amendment of Order No. R-2948 to change the acreage dedication comprising the above-described non-standard gas proration units to comprise the following acreage:

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Unit	Acres	Description
12	320	Section 33: N/2
13	330.71	Section 33: S/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Unit	Acres	Description
16	320	Section 35: N/2
17	332.40	Section 35: S/2

(4) That the N/2 of said Section 33 has been admitted to the participating area for the Dakota formation of the San Juan 28-6 Unit.

(5) That the S/2 of said Section 35 has been admitted to the participating area for the Dakota formation of the San Juan 28-7 Unit.

(6) That each participating area should coincide with a proration unit.

(7) That approval of the subject application will allow each of the aforesaid participating areas to coincide with a proration unit and will afford the applicant the opportunity

to produce its just and equitable share of the gas in the Basin-Dakota Gas Pool and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That Order No. R-2948, dated August 16, 1965, is hereby amended by deleting therefrom the following-described non-standard gas proration units in the Basin-Dakota Gas Pool, Rio Arriba County, New Mexico:

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Unit	Acres	Description
12	325.59	Section 33: W/2
13	325.02	Section 33: E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Unit	Acres	Description
16	324.70	Section 35: W/2
17	327.70	Section 35: E/2

and substituting in lieu thereof the following-described gas proration units:

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Unit	Acres	Description
12	320	Section 33: N/2
13	330.71	Section 33: S/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Unit	Acres	Description
16	320	Section 35: N/2
17	332.40	Section 35: S/2

-4-

CASE No. 4042

Order No. R-2948-A

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

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

S E A L

esr/

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 NO Drawer DD, Artesia, NM 88211-9719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
 RECEIVED
 FEB 21 PM 8 52

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CONOCO INC. 10 Desta Drive Ste 100W MIDLAND, TEXAS 79705		OGRID Number 005073
		Reason for Filing Code CH (EFFECTIVE 3-1-95) CO (EFFECTIVE 4-1-95)
API Number 30-0 39-21652	Pool Name BASIN DAKOTA	Pool Code 71599
Property Code 16608	Property Name SAN JUAN 28-7 <i>Unit</i>	Well Number 251

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West line	County
G	31	28 N	7 W		2025	NORTH	1325	EAST	RIO ARRIBA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Lee Code F	Producing Method Code P	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	----------------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
014538	MERIDIAN OIL INC. P.O. BOX 4289 FARMINGTON, NM. 87499	115210	0	G 31 28N 7W
007057	EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499	115230	G	G 31 28N 7W
009018	GIANT REFINERY P.O. BOX 338 BLOOMFIELD, NM 87413	115210	0	G 31 28N 7W EFFECTIVE 4-1-95

IV. Produced Water

POD 115250	POD ULSTR Location and Description G 31 28N 7W
---------------	---

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations

Hole Size	Casing & Tubing Size	Depth Set

RECEIVED
 FEB 17 1995
 OIL CON. DIV.
 DIST. 3

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure

Choke Size	Oil	Water	Gas	AOF	Test Method

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

Signature: *Bill R. Keathly*

Printed name: BILL R. KEATHLY

Title: SR. REGULATORY SPEC.

Date: 2-25-95

Phone: (915) 686-5424

OIL CONSERVATION DIVISION
 Approved by: *378*
 SUPERVISOR DISTRICT #3

Title:
 Approval Date: FEB 17 1995

If this is a change of operator fill in the OGRID number and name of the previous operator 00778

Previous Operator Signature: *Buddy Shaw* Printed Name: Buddy Shaw Title: Enviro Coordinator Date: 2/15/95

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

1313 1978

All distances must be from the outer boundaries of the Section.

Operator El Paso Natural Gas Company			Lease San Juan 28-7 Unit (SF-078500-A)			Well No. 251		
Unit Letter G	Section 31	Township 28N	Range 7W	County Rio Arriba				
Actual Footage Location of Well: 2025 feet from the North line and 1325 feet from the East line								
Ground Level Elev. 6072	Producing Formation Dakota		Pool Basin Dakota			Dedicated Acreage 316.50 Acres		

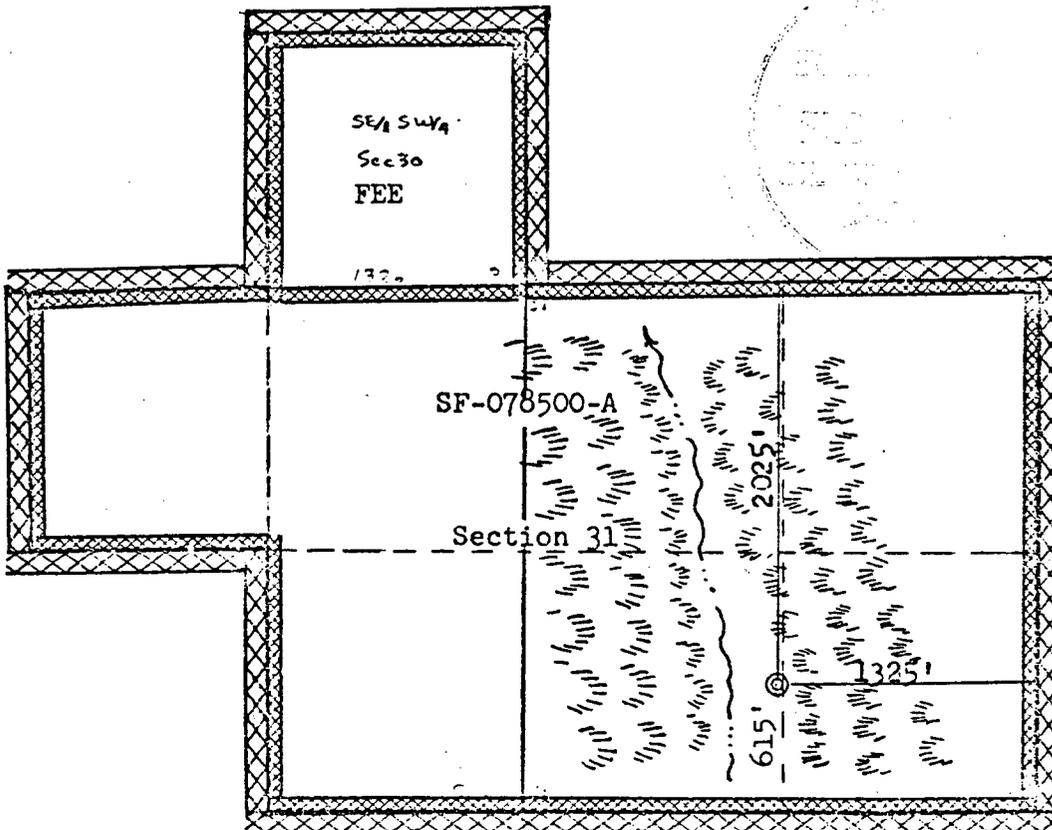
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

DEDICATION PER N. M. O.C.C. ORDER #R-2948 AUGUST 6, 1965



Scale: 1" = 1,000'

CERTIFICATION

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

D. G. Lewis

Name
Drilling Clerk

Position
El Paso Natural Gas Co.

Company
January 31, 1978

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 30, 1977

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950

OIL CONSERVATION DIVISION

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

I.

Operator AMOCO PRODUCTION COMPANY	Well API No. 300392165200
Address P.O. BOX 800, DENVER, COLORADO 80201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of operator give name and address of previous operator _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name SAN JUAN 28 7 UNIT	Well No. 251	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter G	2025	Feet From The FNL Line and 1325	Feet From The FEL	Line
Section 31	Township 28N	Range 7W	NMPM,	RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
MERIDIAN OIL INC.	3535 EAST 30TH STREET, FARMINGTON, NM 87401
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
EL PASO NATURAL GAS COMPANY	P.O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When?

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

IV. 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

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

Date First New Oil Run To Tank	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	

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

D. W. Whaley
Signature
Doug W. Whaley, Staff Admin. Supervisor
Printed Name Title
Date **July 5, 1990** Telephone No. **303-830-4280**

OIL CONSERVATION DIVISION
AUG 23 1990

Date Approved _____
By *Bill D. Shaw*
SUPERVISOR DISTRICT #3
Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

RECEIVED

I.

Operator Amoco Production Company	Well API No. 3003921652
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155	

JUN 14 1989

**OIL CONSERVATION DIV.
SANTA FE**

II. DESCRIPTION OF WELL AND LEASE

Lease Name SAN JUAN 28-7 UNIT	Well No. 251	Pool Name, Including Formation BASIN (DAKOTA)	FEDERAL	Lease No. SF078040
Location				
Unit Letter G	2025	Feet From The FNL Line and 1325	Feet From The FEL Line	
Section 31	Township 28N	Range 7W	NMPM	RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
CONOCO	P. O. BOX 1429, BLOOMFIELD, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
EL PASO NATURAL GAS COMPANY	P. O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When ?

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

IV. 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

OIL WELL (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.)

Date First New Oil Run To Tank	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

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature J. L. Hampton
 Printed Name J. L. Hampton Sr. Staff Admin. Suprv.
 Title
 Date January 16, 1989 Telephone No. 303-830-5025
 Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved MAY 08 1989
 By [Signature]
 Title SUPERVISION DISTRICT # 3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

NOV - 2 1985
OIL CONSERVATION DIVISION
SANTA FE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Tenneco Oil Company - [REDACTED]

Address
P.O. Box 3249, Englewood, CO 80155

Reason(s) for filing (Check proper box) Other (Please explain)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

OCT 02 1985
SANTA FE, N.M.
Dist. 3 DIV.

If change of ownership give name and address of previous owner El Paso Natural Gas Company, P.O. Box 4990, Farmington, NM 87499

II. DESCRIPTION OF WELL AND LEASE

Lease Name SJ 28-7 Unit	Well No. 251	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee USA SF	Lease No. 078500
Location				
Unit Letter G	: 2025	Feet From The North	Line and 1325	Feet From The East
Line of Section 31	Township 28N	Range 7W	NMPM. Rio Arriba	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco Inc. Surface Transportation	P.O. Box 460, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P.O. Box 4990, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit G Sec. 31 Twp. 28N Rge. 7W	Yes

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

[Signature]

(Signature)

Sr. Regulatory Analyst

OCT 1 1985
(Date)

OIL CONSERVATION DIVISION

APPROVED _____, 19____
BY *[Signature]*
TITLE **SUPERVISOR DISTRICT 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 Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.

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

IV. 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 OIL WELL

(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)

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

GAS WELL

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

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO



NOTICE OF GAS CONNECTION

DATE July 24, 1979

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

GAS FROM El Paso Natural Gas Company Operator San Juan 28-7 Unit #251 Well Name

90-574-01 Meter Code 20856 Site Code G Well Unit 31-28-7 S-T-R

Basin Dakota Pool El Paso Natural Gas Company Name of Purchaser

WAS MADE ON July 20, 1979 Date FIRST DELIVERY July 21, 1979 Date

AOF -

CHOKE -

El Paso Natural Gas Company
Purchaser


Representative

Chief Dispatcher
Title

cc: Operator
Oil Conservation Commission - 2
Proration - El Paso

File

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

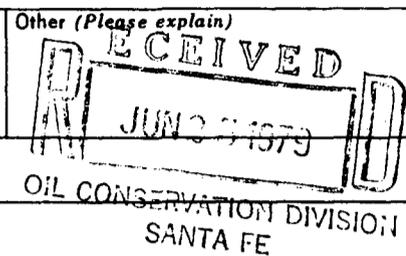
Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

API 30-039-21652

DISTRIBUTION		5
SANTA FE		1
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	/
	GAS	/
OPERATOR		
PRORATION OFFICE		

I. OPERATOR

Operator El Paso Natural Gas Company
 Address P.O. Box 289, Farmington, N.M. 87401
 Reason(s) for filing (Check proper box)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate



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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>San Juan 28-7 Unit</u>	Well No. <u>251</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee	Lease No. <u>SE 078500A</u>
Location Unit Letter <u>G</u> ; <u>2025</u> Feet From The <u>North</u> Line and <u>1325</u> Feet From The <u>East</u> Line of Section <u>31</u> Township <u>28-N</u> Range <u>7-W</u> , NMPM, <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	<u>El Paso Natural Gas Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 289, Farmington, N.M. 87401</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	<u>El Paso Natural Gas Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 289, Farmington, N.M. 87401</u>
If well produces oil or liquids, give location of tanks.	Unit <u>G</u> Sec. <u>31</u> Twp. <u>28-N</u> Rge. <u>7-W</u>	Is gas actually connected? _____ When _____

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

IV. COMPLETION DATA

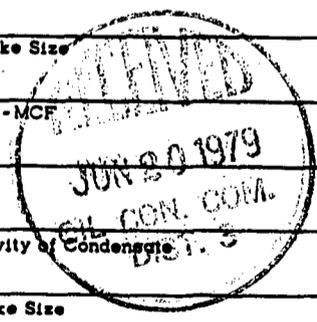
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded <u>1-4-79</u>	Date Compl. Ready to Prod. <u>5-15-79</u>	Total Depth <u>7075'</u>	P.B.T.D. <u>7056'</u>					
Elevations (DF, RKB, RT, GR, etc.) <u>6072' G.L.</u>	Name of Producing Formation <u>Basin Dakota</u>	Top Gas/Gas Pay <u>6824'</u>	Tubing Depth <u>7016'</u>					
Perforations <u>6824, 6828, 6832, 6836, 6910, 6945, 6950, 6955, 6986, 7002</u>						Depth Casing Shoe <u>7075'</u>		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<u>13 3/4"</u>	<u>9 5/8"</u>	<u>216'</u>	<u>224 cf</u>					
<u>8 3/4"</u>	<u>7"</u>	<u>2923'</u>	<u>312 cf</u>					
<u>6 1/4"</u>	<u>4 1/2"</u>	<u>7075'</u>	<u>640 cf</u>					
	<u>1 1/2"</u>	<u>7016'</u>	<u>tubing</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (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)

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

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) <u>2318</u>	Casing Pressure (shut-in) <u>2335</u>	Choke Size



VI. 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.

A. P. Brisco
(Signature)

Drilling Clerk
(Title)

June 19, 1979
(Date)

OIL CONSERVATION COMMISSION

JUN 20 1979

APPROVED _____

BY AR Dendrick

SUPERVISOR DISTRICT # 3

TITLE _____

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 multiple

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2025' N, 1325' E
At top prod. interval reported below
At total depth _____

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF 078500 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
S.J. 28-7 Unit

8. FARM OR LEASE NAME
S.J. 28-7 Unit

9. WELL NO.
251

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T-28-N, R-7-W, N.M.P.M.

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED 1-4-79 16. DATE T.D. REACHED 1-11-79 17. DATE COMPL. (Ready to prod.) 5-15-79 18. ELEVATIONS (DF, BEB, BT, GR, ETC.)* 6072' G.L. 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 7075' 21. PLUG, BACK T.D., MD & TVD 7056' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 10-7075' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME(S) AND TYPE(S)
6824-7002' (Dakota)

26. TYPE ELECTRIC AND OTHER LOGS RUN
CDL, GR-Ind., Corr., Temp. Survey

25. WAS DIRECTIONAL SURVEY MADE No

27. WAS WELL CORED No

28. CASING RECORD (Report on average diameter)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	216'	13 3/4"	224 cu. ft.	
7"	20#	2923'	8 3/4"	312 cu. ft.	
4 1/2"	10.5 & 11.6#	7075'	6 1/4"	640 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	7016'	

31. PERFORATION RECORD (Interval, size and number)

6824, 6828, 6832, 6836, 6910, 6945, 6950, 6955, 6986, 7002' w/1 SPZ.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6824-7002'	26,500# sand & 67,960 gal. wtr.

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping, size and type of pump) After Frac Gauge-394 MCF/Day WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 5-15-79 HOURS TESTED _____ CHOKER SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

FLOW, TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____

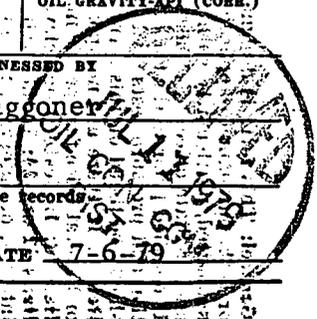
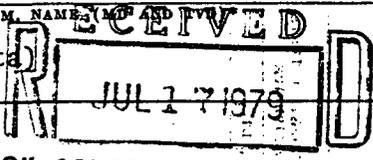
SI 2435

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY N. Waggoner

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED D. G. Brisco TITLE Drilling Clerk DATE 7-6-79



*(See Instructions and Spaces for Additional Data on Reverse Side)

**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, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2025'N, 1325'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

5. LEASE
SF 078500A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 28-7 Unit

8. FARM OR LEASE NAME
San Juan 28-7 Unit

9. WELL NO.
251

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 31 T-28-N, R-7-W
N.M.P.M.

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6072' GL

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*
- (other)

SUBSEQUENT REPORT OF:



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.)*

1-07-79: TD 2923'. Ran 72 jts. 7", 20#, K-55 intermediate casing, 2911' set at 2923'. Cemented w/312 cu. ft. cement. WOC 12 hours; held 1200#/30 minutes. Top of cement at 1450'.

1-12-79: TD 7075'. Ran 215 jts. 4 1/2", 10.5# & 11.6#, K-55 production casing, 7065' set at 7075'. Float collar set at 7056'. Cemented w/640 cu. ft. cement. WOC 18 hours. Top of cement at 2500'.

5-05-79: PBDT 7056'. Tested casing to 4000#, OK. Perfed Dak 6824, 6828, 6832, 6836, 6910, 6945, 6950, 6955, 6986, 7002' w/1 SPZ. Fraced w/79,500# 20/40 sand, 26,500# 10/20 sand and 67,960 gal. gelled water. Flushed w/4578 gal. water.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED N. G. Buss TITLE Drilling Clerk DATE May 7, 1979

(This space for Federal or State office use)

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

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.)

5. LEASE
SF 078500A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 28-7 Unit

8. FARM OR LEASE NAME
San Juan 28-7 Unit

9. WELL NO.
251

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 31, T-28-N, R-7-W
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6072' GL

1. oil well gas well other

2. NAME OF OPERATOR
EL PASO NATURAL GAS CO.

3. ADDRESS OF OPERATOR
BOX 289, FARMINGTON, NEW MEXICO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2025'N, 1325'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

(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.)*

1/4/79: Spudded well. Drilled surface hole.

1/5/79: Ran 5 joints 9 5/8", 36# K-55 surface casing, 202' set at 216'. Cemented with 224 cu. ft. cement. Circulated to surface, WOC 12 hours; held 600#/30 minutes.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED *D. P. Busico* TITLE Drilling Clerk DATE 1/9/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Stamp: JAN 12 1979

Stamp: U.S. GEOLOGICAL SURVEY

Stamp: BURANGO, COLO.

Stamp: 251

Stamp: 28-7

Stamp: 31

Stamp: 28-N

Stamp: 7-W

Stamp: Rio Arriba

Stamp: New Mexico

Stamp: 6072'

Stamp: GL

Stamp: 2025'N, 1325'E

Stamp: BOX 289, FARMINGTON, NEW MEXICO

Stamp: EL PASO NATURAL GAS CO.

Stamp: SF 078500A

Stamp: Basin Dakota

Stamp: San Juan 28-7 Unit

Stamp: San Juan 28-7 Unit

Stamp: 251

Stamp: 6072' GL

Stamp: Sec. 31, T-28-N, R-7-W

Stamp: Rio Arriba

Stamp: New Mexico

Stamp: 6072' GL

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

Stamp: 1/4/79: Spudded well. Drilled surface hole.

Stamp: 1/5/79: Ran 5 joints 9 5/8", 36# K-55 surface casing, 202' set at 216'. Cemented with 224 cu. ft. cement. Circulated to surface, WOC 12 hours; held 600#/30 minutes.

Stamp: Subsurface Safety Valve: Manu. and Type _____

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

Stamp: SIGNED *D. P. Busico* TITLE *Drilling Clerk* DATE *1/9/79*

Stamp: (This space for Federal or State office use)

Stamp: APPROVED BY _____ TITLE _____ DATE _____

Stamp: CONDITIONS OF APPROVAL, IF ANY:

Stamp: *See Instructions on Reverse Side

Stamp: U.S. GEOLOGICAL SURVEY

Stamp: BURANGO, COLO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21652

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
 PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 2025'N, 1325' E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 21 miles SE of Blanco, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 615

16. NO. OF ACRES IN LEASE Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL 316.50

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 310

19. PROPOSED DEPTH 7060'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6072'GR

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	224 cu.ft. to circulate
8 3/4"	7"	20.0#	2920'	271 cu.ft. to cover Ojo Ala.
6 1/4"	4 1/2" liner	11.6#-10.5#	7060'	637 cu.ft. to fill to 2920'

Selectively perforate and sandwater fracture the Dakota formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.



The SE/4 SW/4 of Section 30 and Lot 1, E/2 NW/4 and NE/4 of Section 31 is dedicated to this well.
 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. G. Bruce TITLE Drilling Clerk DATE 1-31-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY akal TITLE _____ DATE FEB 2 1978

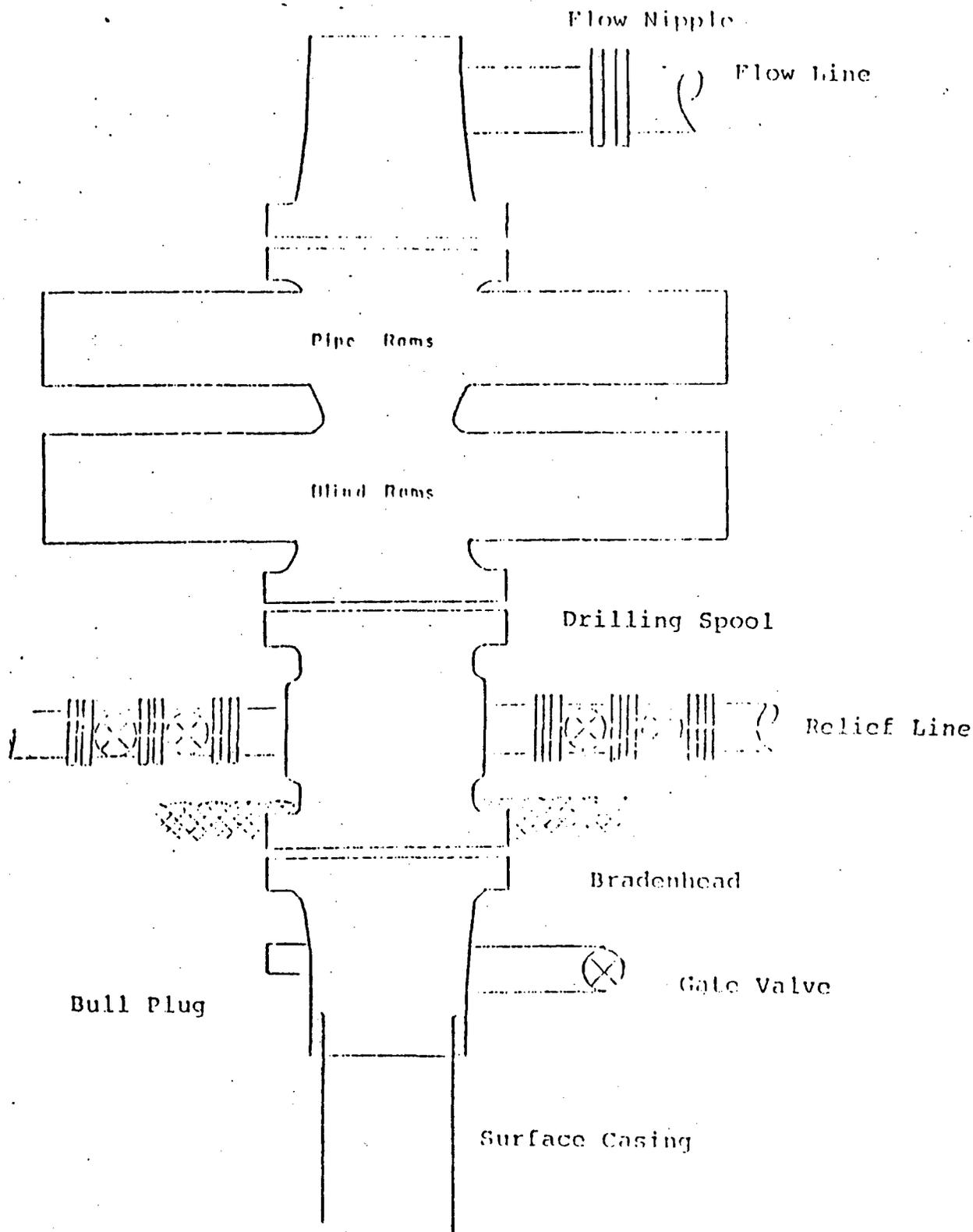
RECEIVED

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side

NW 1/4 R-2948 Hall Co. for US

Typical B.O.P. Installation
for Dakota Well



Series 900 Double Gate BOP, rated
at 3000 psi Working Pressure

When gas drilling operations begin a Shaffer type
50 or equivalent rotating head is installed on top of
the flow nipple and the flow line is converted into
a blowie line.