CONOCO NSL 4/14/98

Mid-Continent Region Exploration/Production

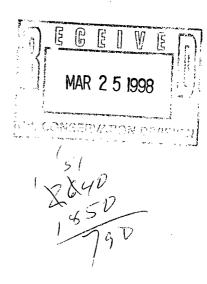
March 23, 1998

MVØ3.

Mr. Michael Stogner New Mexico Oil Conservation Division 2040 Pacheco Santa Fe, New Mexico 87504

RE: Application for Non-Standard Location

San Juan 28-7 Unit Well # 252 API # 30-039-21653 Rio Arriba County, NM Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400



.

Dear Mr. Stogner:

Conoco's 28-7 Unit Well # 252 is located 790' FNL & 1850' FWL of Section 32, T-28-N, R-7-W, Rio Arriba County, New Mexico. Because Section 32 is slightly irregular in size, this location is non-standard towards the interior centerline of Section 32 by 18'. Standard setback would be at least 790', the #252 is 771' from the centerline. Please note that this location does not encroach on the edge of the 28-7 unit, and that Conoco, Inc is the operator of all wells in the offset 320 acre proration units.

Conoco, Inc is in the process of recompleting the #252 to the Blanco Mesaverde. Conoco filed a NOI with the BLM to recomplete to the Mesaverde which was approved 1/30/98, an application to downhole commingle the Dakota and Mesaverde was also filed and approved by Administrative Order # DHC-1799. Conoco did not, however obtain an NSL for the Mesaverde. Since Section 32 appears to be a regular Section, and since 790' FNL and 1850' FWL would be a standard location in a "regular" Section; it was wrongly assumed that the well was at a standard location.

A copy of El Paos's application for a non-standard location as regards the Basin Dakota Pool is attached. A series of high cliffs in the northern half of the quarter section was cited as the reason for not being able to place the well at a standard location. Administrative Order # NSL-1051 and NSL -1058 (attached) was subsequently issued, approving El Paso's request.

Conoco was premature in performing the Mesaverde recompletion without obtaining approval for the pre-existing, non-standard location, and regrets this oversight. Conoco, Inc now respectfully requests that Administrative Order NSL – 1058 that was issued for the Dakota be amended to include the Mesaverde. This request is based on the following facts: the well is interior to the 28-7 unit, does not encroach on the unit edge, Conoco, Inc operates all wells in the offsetting proration units, and the fact that utilizing the existing wellbore to access Mesaverde reserves prevents economic waste.



Mid-Continent Region

Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400

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If there are any further questions regarding this request please call me at (915) 686-5798.

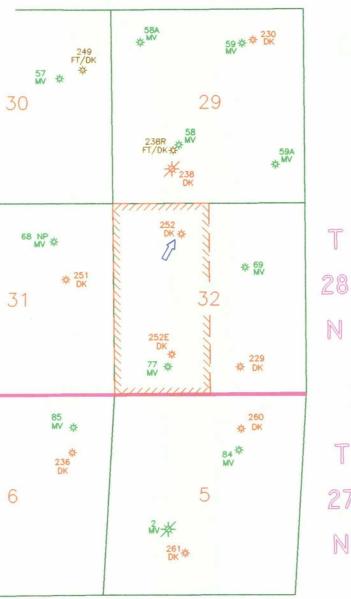
Sincerely Yours,

Kay Madder

Kay Maddox Regulatory Agent

Km/ Cc: Oil Conservation Division - Aztec





SAN JUAN 28-7 UNIT RIO ARRIBA CO., N.M.

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NOTES		CONOCO EPNO MIDLAND				
NOTE: LOCATION IS NON-STANDARD TOWARDS AN INTERIOR UNIT LINE. CONOCO OPERATES ALL WELLS IN SJ 28-7 UNIT. REQUEST MODIFICATION OF NSL-1058. (ISSUED FOR BASIN DAKOTA) TO INCLUDE BLANCO MESAVERDE.	DATE: 03/20/98	CONOCO 28-7 UNIT				
	DRAWN BY: GLG	MESAVERDE & DAKOTA	PRODUCERS			
	CHECKED BY:	San Juan 28—7 Unit #252 Non—Standard Location				
	APPROVED BY:	API STATE COUNTY WELL	DRAWING			
	SCALE: 1" = 2640'	30 \ 039 \ 21653	28-7_252			
	STATE PLANE COORDINATES REFERRED TO NAD27 - N.M. WEST STATE PLANE COORDINATES ZONE - 3003	CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705				

District I PO Box 1980, Hobbs. NM 88241-1980

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

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

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

Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

		W	ELL LO	CATION	AND ACH	REAGE DEDI	CATION PL	AT			
AF	PI Numbe	er		2 Pool C	ode		3 Pool Nam	3 Pool Name			
30-	039-216	53		72319			Blanco Mes	averde			
4 Property I	Code				5 Prope	rty Name			6 We	ll Number	
01660					San Juan 2	8-7 Unit		252			
7 OGRID No.	.				-	ator Name			9 E I	evation	
00507:	3	Cor	loco Inc.,	10 Desta		00W, Midland, T	X 79705-4500)	6	6036' GL	
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## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

GOVERNOR LARRY KEHOE SECRETARY

BRUCE KING

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

truly yours YOE D. RAMEY. Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE

July 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

(

Attention: L. A. Aimes

Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a nonstandard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours JOE D. RAMEY Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington

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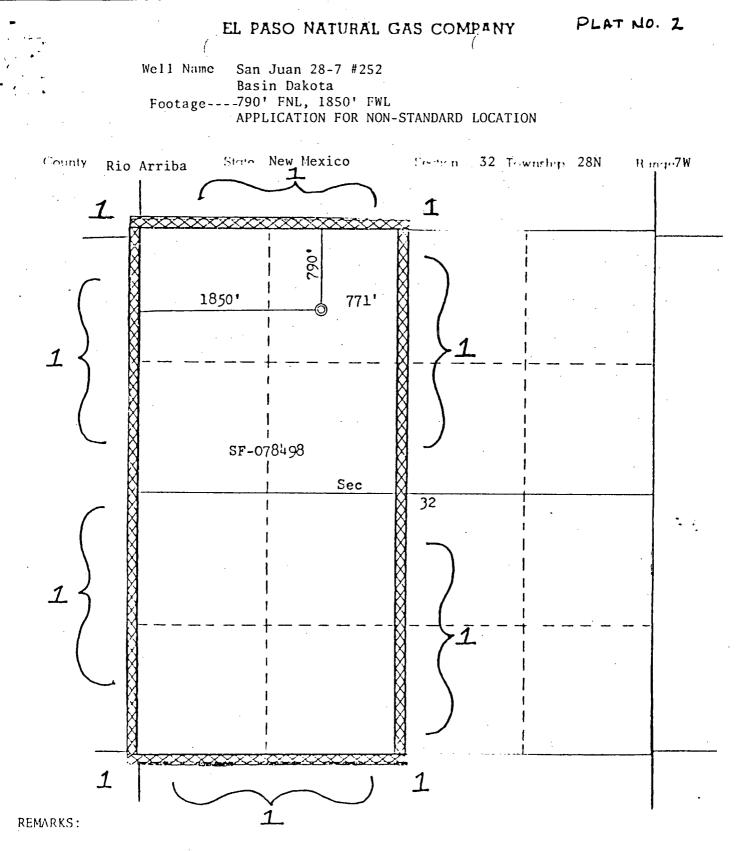
# N MEXICO OIL CONSERVATION COMMIS WE LOCATION AND ACREAGE DEDICATION ALAT

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PLAT NO. 1 Form C-102 Supersedes C-128 Effective 1-1-65

WE	LOCATION A	AND ACREAGE DEDIC	ATION /LAT	Supersedes C-128 Effective 1-1-65
* •	All distances must be	from the outer boundaries o	f the Section.	
Operator		Lease	( 0)	Well No.
El Paso Natural Cas Compa		San Juan 28-	<u>7 Unit (SF-078498</u>	8) 252
	ownship	Range	County	
C 32 Actual Footage Location of Well:	28N	7₩	<u>Rio Arriba</u>	
	1	3.0.40		
790 feet from the Nort Ground Level Elev. Producing Format	the second s	<u>1 1850 fe</u>	et from the West	line Dedicated Acreage;
6036 Dakota		Basin I	Dakota	315.36 Acres
1. Outline the acreage dedicated	to the subject v	vell by colored pencil	or hachure marks on t	he plat below.
<ol><li>If more than one lease is de interest and royalty).</li></ol>	dicated to the we	ell, outline each and id	entify the ownership t	hereof (both as to working
3. If more than one lease of diffe dated by communitization, unit			, have the interests of	f all owners been consoli-
Yes No If answ	ver is "yes," type	of consolidation	Unitization	
If answer is "no," list the own this form if necessary.)	ners and tract des	criptions which have a	actually been consolid	ated. (Use reverse side of
No allowable will be assigned	to the well until a	ll interests have been	consolidated (by con	munitization unitization
forced-pooling, or otherwise) or sion. NOTE: THIS PLAT	REISSUED TO SI	HOW TERRAIN FOR U	NORTHODOX LOCATI	ION: 6-13-79
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(1) El Paso Natural Gas Company

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xc: Mr. C. E. Matthews Mr. W. D. Dawson Mr. L. A. Aimes



## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

GOVERNOR LARRY KEHDE SECRETARY

BRUCE KING

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY, Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington

## STATE OF NEW MEXICO FNFRGY AND MINERALS DEPARTMENT **OIL CONSERVATION DIVISION**

BRUCE KING GOVERNOR

LARRY KEHOE SECRETARY

July 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

#### Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a nonstandard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY, Director

JDR/RLS/dr

Oil Conservation Division - Aztec cc: Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington

### **ADMINISTRATIVE ORDER DHC-1799**

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attention: Ms. Kay Maddox

San Juan 28-7 Unit No. 252 API No. 30-039-21653 Unit C, Section 32, Township 28 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Blanco-Mesaverde (Prorated Gas - 72319) and Basin-Dakota (Prorated Gas - 71599) Pools

Dear Ms. Maddox:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Gas and oil production from the Basin-Dakota Gas Pool shall be determined utilizing the mid-year average production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas and oil production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota Gas Pool production from the well's total monthly oil and gas production.

Administrative Order DHC-1799 Conoco Inc. February 24, 1998 Page 2

The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 24th day of February, 1998.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

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LORI WROTENBERY Director

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LW/DRC

cc: Oil Conservation Division - Aztec Bureau of Land Management-Farmington

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	SUBMIT IN TRIPLICA	TE 070 FARM	MAGTON, NA	a 7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well Other				8. Well Name and No.
2. Name of Operator				San Juan 28-7 # 252
CONOCO INC 3. Address and Telephone No.	·			9. API Well No. 30-039-21653
10 DESTA DR. STE. 100W,		00 (915) 686-5424		10. Field and Pool, or Exploratory Area
4. Location of W ell (Footage, Sec., T. R. M.	or Survey Description) Section 32, T-28-N, R-7-	w		Blanco Mesaverde, Basin Dako
	790' FNL & 1850' FWL			
		· · · · · · · · · · · · · · · · · · ·		Rio Arriba
CHECK APPROPRIA	TE BOX(s) TO INDICA	LE NATURE OF NOT	ICE, REPOR	T, OR OTHER DATA
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Notice of Intent		Abandonment		Change of Plans
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NMOCD

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#### San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

- 1. Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH w/ production string.
- 2. RU wireline unit and RIH w/ Composite bridge plug. Set plug at +/- 5500' and test casing to 3,000 psi.
- 3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:

A. If necessary, pressure up on casing to 3000 psi prior to firing guns.

#### **Lower Point Lookout**

2.

4985', 5006', 63', 66', 81', 5122', 26', 31', 95', & 97'

Total: 10 shots.

- Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (15) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
   DO NOT EXCEED 3000 PSI
- 5. Surge balls off perforations.
- 6. RIH w/ Composite bridge plug on wireline and set at 4975'. Test casing to 3000 psi.
- 7. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:

A. If necessary, spot 15% HCl from 4850' to 4800' using a dump bailer.

B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

#### **Upper Point Lookout**

4723', 38', 54', 83', 94', 99', 4804', 06', 09', 16', 19', 25', 31', 33', 37', 39', 49', 52', 55', 59', 69, 72', 75', 84', 89', 4891', 4905', 15', 18', 39', 46', & 51'

Total: 32 shots. (If necessary, drop 4723', 38', 54', & 83' perfs)

#### San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

- Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (48) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
   DO NOT EXCEED 3000 PSI
- 10. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (25), re-acidize. Prep to frac.
- 11. Frac per attached schedule. Retain frac equipment.
- 12. RIH w/ Composite bridge plug on wireline and set at 4700'. Test casing to 3000 psi.
- 13. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:
  - A. If necessary, spot 15% HCl from 4600' to 4550' using a dump bailer.
  - B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

#### Menefee

4409', 11', 33', 35', 47', 49', 67', 69', 87', 93', 4503', 05', 07', 09', 21', 23', 53', 55', 92', 94', 96', 98', 4643', & 45'

Total: 24 shots.

- Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (36) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
   DO NOT EXCEED 3000 PSI
- 15. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (19), re-acidize. Prep to frac.
- 16. Frac per attached schedule. Leave frac equipment on location.
- 17. RIH w/ Composite bridge plug on wireline and set at 4370'. Test casing to 3000 psi.

#### San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:

A. If necessary, spot 15% HCl from 4340' to 4290' using a dump bailer.

B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

#### Cliffhouse

4239', 41', 76', 79', 82', 85', 88', 91', 94', 97', 4300', 13', 15', 18', 21', 24', 27', 30', 33', 36', & 39'

Total: 21 shots.

Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (32) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
 DO NOT EXCEED 3000 PSI

- 20. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (17), re-acidize. Prep to frac.
- 21. Frac per attached schedule. Clean location and release frac equipment.
- 22. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (7055') Jet well w/ gas until well will flow on its own. Drywatch as necessary.
- PU & RIH w/ 2 3/8" production string. Land SN at +/- 6990'. ND BOP and NU wellhead.
- 19. Record and notify necessary personnel for regulatory and gas allocation purposes.

5

20. RDMO workover unit.

21. Thank You.

Prepared by:

Randy B. Herring, Production Engineer

18.

Form C-102

1980. Hobbs. NM 88241-1980

Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088 Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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		WE	ELL LOO	CATI	ON	AND ACR	EAGE DEDIC	CAT	ION PL.	AT		
A	PI Numbe	r		2 Pool Code				3 Pool Name				
30	-039-216	53		723	319			Ē	Blanco Mesaverde			
4 Property	Code	······································	•			5 Propert	y Name 6 Well Number				ll Number	
01660	8					San Juan 28	-7 Unit					252 .
7 OGRID NO	).				_	8 Operat	tor Name				9 E I	evation
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		1	· · · · ·	Ē	<u> </u>			1	18 SUR	VEYO	R CER	TIFICATION
E				Ŧ		· .	,	·	I hereby cer	ufy that the	well locaii	on shawn on this plat
Ē				Ē					1			al surveys made by me
				Ŧ	D	)ece			correct to th			the same is true and
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E					- •	FEB 1	1998		Date of Sur	-		
	·				6	100 660	0.15.7		Signature a	nd Seal of F	rofessional	Surveyor:
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	m 3160-5 ne 1990)			OPY.	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
		BUREAU OF LAND MANAG	EMENT	RECEIVED	5. LEASE DESIGNATION AND SERIAL NO. SF-078498A
		SUNDRY NOTICES AND REI	PORTS ON W	ELLS BLM	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Do not use	this form for proposals to drill or to de	epen or reentry	to a different reservoir.	
		Use "APPLICATION FOR PERMI	T-" for such pro	posals	18
		SUBMIT IN TRIPL	ICATE	070 FARMINGTON,	
1.	TYPE OF WE				8. WELL NAME AND NO.
	OIL WELL	GAS WELL OTHER	:		San Juan 28-7 Unit #252
2.	NAME OF OP				9. API WELL NO.
	CONOCC	and the second			30-039-21653
3.		ND TELEPHONE NO.	70705 4500	1045 000 5404	10. FIELD AND POOL, OR EXPLORATORY AREA
		Drive, Ste. 100W Midland, Texas		(915-686-5424)	
4.		FWELL (Footage, Sec., T., R., M., or Survey Des			11. COUNTY OR PARISH, STATE
		- 1850' FWL SEC. 32 T28N-R07V		· · · · · · · · · · · · · · · · · · ·	RIO ARRIBA, NM
12		CHECK APPROPRIATE BOX(s)		NATURE OF NOTICE,	REPORT, OR OTHER DATA
		TYPE OF SUBMISSION		ТҮРЕ	OF ACTION
		otice of Intent	Aban	donment	Change of Plans
		ubsequent Report	Reco	mpletion	New Construction
		• • • • • •		jing Back	Non-Routine Fracturing
	🗌 Fi	nal Abandonment Notice	Casir	ng Repair	Water Shut-Off
		PEVEVE	Alteri	ng Casing	Conversion to Injection
		UL DEC - 1 1997	🛛 🛛 Othe	r: Change tubing & test c	asing, 🔲 Dispose Water
				reperf Dakota	(Note: Report results of multiple completion on Well Completion Recompletion Report and Log Form.)
13	3. Describe Pro	posed or Completed Operations (Clearly state all r	ertinent details, and	give pertinent dates, including est	imated date of starting any proposed work. If well is
	directionally of 11/03/97	Irilled, give subsultace locations and measured an MIRU spot equipment. 3	d true vertical depth:	s for all markers and zones pertine	nt to this work.)
	11/04/97		ubing @ 1700', i	replaced one joint, tested st	a 2-3/8" tubing, load tubing, TOOH looking for ring to 800# OK, reland tubing @ 6994' w/ SN or ed to 6000', SDON.
	11/05/97		DK perf) PU 1 jt	set PKR test plug to 1000#	JBOP, TOOH w/ tbg, TIH w/ Halliburton RBP & OK, REL PKR test casing from 6646' to surface
	11/06/97	Continue swabbing, swab FL to 6200', 6920, 47, 53, 59, 79, 86, 99, 7018, 7042		· · · ·	rate DK zone w/ 13 holes @ 6828', 34, 40, 46,
	11/07/97	SV, test tubing & PKR to 2500# ok, Rel	PKR, spot acid t BJ, Ret SV from	o end of tbg, PU & set acros	at line to 3500# ok, set PKR in blank pipe drop ss each perforation in 12 sets, BD each perf w/ 1 w/ 2-3/8" SN & tbg to 6995', RU to swab, fluid
	11/10/97				evel @ 5800', swab to 6600', slight gas flow up ach run, recovered 15 bbls total today, SDON.
	11/11/97	360# csg, 80#, flow tbg to rig pit died i 1/2" choke flowed 1 hr died, cont swabb			00', made 1 swab run kicked off well flow thru pricator, NDBOP, NUWH, RDMO.
1	4. I hereby cert	fy that the foregoing is true and correct			
	000055	Debes Brinitial	1		AUGETILD I UN ILCOND
	SIGNED	Much in I will work		LE As Agent for Conoco Inc.	
	(This space	for Federal or State office use)			NOV 26 1997
	APPROVE		TIT	LE	DATE
	Conditions	of approval, if any:			FARMINGTON DISTRICT OFFICE

Form 3160-5 (June 1990)	UNITED STATES DEPARTMENT OF THE IN		COF		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
	BUREAU OF LAND MANAGE	MENT	RECEIVED		SE DESIGNATION AND SERIAL NO. -078498A
<u></u>	SUNDRY NOTICES AND REP	ORTS ON W	 ELLS	6. IF IN	IDIAN, ALLOTTEE OR TRIBE NAME
Do not use	e this form for proposals to drill or to dee	pen or reentry	to a different teservoid.		
	Use "APPLICATION FOR PERMI	T-" for such prop	posals		
<u>,</u>	SUBMIT IN TRIPL	ICATE 070	FARMINGTON, NM	7. IF U	NIT OR CA, AGREEMENT DESIGNATION
TYPE OF W	ELL			8. WEI	L NAME AND NO.
OIL WELL		<u></u>			n Juan 28-7 Unit #252
2. NAME OF O					WELL NO.
CONOC		- <u></u>	· · · · · · · · · · · · · · · · · · ·		-039-21653
	AND TELEPHONE NO.	70705 4500		1	
	a Drive, Ste. 100W Midland, Texas OF WELL (Footage, Sec., T., R., M., or Survey Desc		(915-686-5424)		ANCO MV/DAKOTA
	- 1850' FWL SEC. 32 T28N-R07W				DARRIBA, NM
		·			
12.	CHECK APPROPRIATE BOX(s)				·
	TYPE OF SUBMISSION		TYP	E OF ACTIO	DN
	Notice of Intent S C C S N/E	🖄 🗍 Aban	donment	ſ	Change of Plans
		Reco	mpletion	ĺ	New Construction
	Subsequent Report		ing Back	[	Non-Routine Fracturing
ı 🗋 ا	Final Abandonment Notice		ng Repair	[	Water Shut-Off
			ng Casing	[	Conversion to Injection
	UNU States		r: Change tubing & test	casing [	Dispose Water
					Note: Report results of multiple completion on Well Complet Recompletion Report and Log Form.)
	roposed or Completed Operations (Clearly state all p				
ļ	drilled, give subsurface locations and measured and				
8/02/97	MIRU Big 'A' rig #10, set Auxilliary Equip NU BOP. Unset tbg hanger, rubber sea 1.78" ID SN, pulled last 16-stands wet. well and secure for night.	I rings cut. TIH &	& tag PBTD @ 7024', 31'	of fill. TOOI	-l w/ 230-Jts 2-2/3" 4.7# J-55 tbg &
8/04/97	SICP=180#, bled well to tank. TIH w/ ba 7024' to PBTD @ 7055'. TOOH w/ baile tbg to 6901' (SD 30-Mins for Lightning). tag FL @ 6000', swabbed dry in 2-runs. fluid in 3-hrs. SI well and secured for ni	er and tbg, recover Install tbg hange SD for 1-hr, RII	ered frac sand. TIH w/ 1/ er. ND BOP. Install WH.	78" ID SN or RU to swat	n 226-Jts of 2-3/8" 4.7# J-55 8rd EU 5.  Tag FL @ 6000', made 3-swab a
8/05/97	SICP = SITP = 170#. Bled off tbg. RU $@$ 6000' ea. run, Pcsg held at <u>1</u> 60#. Re				Making 1-run every 45-minutes, F
8/06/97	SITP = SICP = 170#. RD swab. RDMC	)			
14. I hereby ce	rtify that the foregoing is true and correct				
		ß	DEBRA BEMENDERFI	ER	
	Allom. Mainanda.	hOL _			
SIGNED			LE As Agent for Conoco In	<u>nc</u>	DATE <u>8-18-97</u>
(This spa	ce for Federal or State office use)	/			
APPROV		<u></u> тіт	LE		DATE
Condition	is of approval, if any:				
	. Section 1001, makes it a crime for any person udulent statements or representations as to a				gency of the Unites States any false, <u>CEPTED FOR RECORD</u>
<del>.</del>					west tev tun nevunv
		* See Instruction	on on Reverse Side		AUG 2 0 1997
					RIMINETON DISTRICT OFFICE
					M

District I PO Box 1980, E District II NO Drawer DD, District III				Energy, Minerals & Natural Resources Department OIL CONSERVATION, DIVISION Submit to Appropriate District						Instructions on back priate District Office		
District III 1000 Rio Brazos District IV PO Box 2088, S T		•		Santa Fe, NM 87504-2088 RECEIVED								
I.	1	ŒŲU			LLUWAE	_	ND AU	THOR			¹ OGRID Nu	mper
0010		1									005	
10 D	CO INC esta I AND, 1	rive	Ste 1 797(							CH (EF	Reason for Fill FECTIVE	3-1-95)
	PI Numbe						* Pcol Nam	e		CO (ÈFF	ECTIVE	4-1-95) * Pool Code
	-21653	_	<u>F</u>	BASIN D	AKOTA						_	71599
	operty Cod		8	SAN JU	AN 28-7		Property Na mit	ne				Well Number 252
	Surface										I	
Ul or lot no.	Section	Town	•	Range	Lot.Idn	Feet fro		North/So		Feet from the	East/West lin	
	Bottom		B N Loca	L <u>7W</u> tion		1	790	NOR	ĽH	1850	WEST	IRIO ARRIBA
UL or lot no.	Section	Tow	nship	Range	Lot Idn	Feet fr	om the	North/Se	outh line	Feet from the .	East/West lin	e County
" Lae Code F	¹³ Produ	cing Met	hod Code	Gas (	Connection Da	ite "	C-129 Perm	it Number		* C-129 Effective	Date "	C-129 Expiration Date
	nd Gas	Tran										
" Transpor OGRID			"Ti	ransporter N and Addres			¹⁴ PO	D	¹¹ O/G		²² POD ULSTR and Descri	
01453	84 - 4 P	2.0. E	30X 42	L INC. 289 . NM. 8	7499		1154	0	0	C 32 28N 7W		
007057 EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499 G C 32 28N 7W												
009018	G P B	IANT O E	REFIN SOX 33 FIELD,	NERY 38 NM 87	413		1154	10	O	C 32 28 EFFECTI		95
IV. Prod	uced W	Vater		·		· · · · · · · · · · · · · · ·	# POD 10	SID Loss	tion and I	Description		
	5450		С	32 28N	7W		100 0			Description -		
	Compl pud Date	etion	Data	14 55 1 55								
			r	²⁴ Ready D			" TD			" PBTD		³⁹ Perforations
	* Hole Si				Casing & Tubi	ing Size			Depth S		ECE	Sacka: Cement
											FEB 1	7 1995
										0	11 <u></u> CO(	No DUVS
	l Test I		" Gas Del	livery Date	<b>1 * 1</b>	fest Date		" Test L	ength	" Tbg. I		" Cag. Pressure
" Cho	ske Size		41	Oil	. 4	Water		4 Ga	•	- A	OF	* Test Method
	the informa				Division have by aplete to the be $c = 0$				IL CO	ONSERVAT	_	<b>VISION</b>
Printed name:	Rel	o R.	<u>Se</u>	ask	ly_		Approv Title:	•	SUPE	77. RVISOR D		#3
Titlet	BIL		KEATH			·		val Date:				-
Date:		LATOR 5-95	RY SPE	Dhanai	(915) 68	6-542				_FEB 1 7	1995	
" If this is a			r fill in th		(BID) 00			rator	0077	78		
131	And Buddy Shaw Enviro Cordinator 2/15/95											

Submit 5 Copies Appropriate District Office DISTRICT 1	Energy,		New Mexico tural Resources Depar	rtment		- Form C-104 Revised 1-1-89 See Instructions	
P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION DIVISION P.O. Box 2088						
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	S		lexico 87504-2088				
1000 Rio Brazos Rd., Aztec, NM 87410 I.			BLE AND AUTHO L AND NATURAL				
Operator AMOCO PRODUCTION COMPA				Well	API No. 392165300		
Address P.O. BOX 800, DENVER,	COLORADO 802	01					
Reason(s) for Filing (Check proper box)         New Well         Recompletion         Change in Operator		n Transporter of: Dry Gas	Other (Please e	xplain)			
If change of operator give name and address of previous operator		<b>.</b>					
II. DESCRIPTION OF WELL Lease Name SAN JUAN 28 7 UNIT	AND LEASE Well No. 252		ing Formation DTA (PRORATED G		of Lease Federal or Fee	Lease No.	
Location C Unit Letter	790	_ Feet From The	FNL Line and	1850 Fe	et From The	FWL.	
32 Section Township	28N	Range 7W	, NMPM,	RIO	ARRIBA	County	
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil MERIDIAN OIL INC.	SPORTER OF O or Conde		RAL GAS Address (Give address to 3535 EAST 30T				
Name of Authorized Transporter of Casing EL PASO NATURAL GAS CO		or Dry Gas	Address (Give address to P.O. BOX 1492	which approved	copy of this form	is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit Soc.	Twp. Rge.	is gas actually connected			·ð	
If this production is commingled with that f IV. COMPLETION DATA	from any other lease or	pool, give comming	ling order number:	·			
Designate Type of Completion	- (X)	Gas Well	New Well   Workover	Deepen	Plug Back Sa	me Res'v Diff Res'v	
Date Spudded	Date Compl. Ready to	o Prod.	Total Depth		P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Fo	ormation	Top Oil/Gas Pay		Tubing Depth	***	
Perforations	L		I		Depth Casing S	hoc	
HOLE SIZE	TUBING, CASING & T		CEMENTING RECO		MEIU	CKS CEMENT	
			1		المقط		
			6 G M (	1111231	F C an	· · · · · · · · · · · · · · · · · · ·	
V. TEST DATA AND REQUES	T FOR ALLOW	ABLE	L6		S.		
OIL WELL (Test must be after re Date First New Oil Run To Tank	ecovery of total volume Date of Test	of load oil and must	be equal to or exceed top Producing Method (Flow	the second s		full 24 hours.)	
Length of Test	Tubing Pressure		Casing Pressure		Choke Size	_ <u>.</u>	
Actual Prod. During Test	Oil - Bbls.		Water - Bbls.	. <u> </u>	Gas- MCF	·	
	<u> </u>		<u> </u>		<u> </u>		
GAS WELL Actual Prod. Test - MCI/D	Length of Test		Bbls. Condensate/MMCF	,	Gravity of Cond	lensate	
Testing Method (pitot, back pr.)	Tubing Pressure (Shu	I-in)	Casing Pressure (Shut-in)	) .	Choke Size		
VI. OPERATOR CERTIFIC. I hereby certify that the rules and regula Division have been complied with and t	ations of the Oil Conser	rvation	OILCC	DNSERV	ATION DI	VISION	
is true and complete to the best of my k		en above	Date Approv	ved	AUG 2 3 1	990	
Signature			By		w d		
Doug W. Whaley, Staff Printed Name July 5, 1990		rvisor Tille 830-4280 ephone No.	Title	SUPER	IVISOR DIS	TRICT #3	
Date NOTRUCTIONS: This form	and the fighter and states a	See . See	 Rule 1104	and an	n an an tha an thug a sta	no, i na najteszanozoto el nazanoa alcaiza	

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1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

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

Submit 5 Copies Appropriate District Office <u>DISTRICTJ</u> P.O. Box 1980, Hobbs, NM 88240	Energy, Minerals and Na	lew Mexico tural Resources Department	Form C-104 Revised 1-1-89 See Instructions at Bottom of Page
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	P.O. 6	ATION DIVISION	
<u>DISTRICT III</u> 1000 Rio Brazas Rd., Aztec, NM 87410	· ·	lexico 87504-2088	
I.	REQUEST FOR ALLOWA	BLE AND AUTHORIZATI L AND NATURAL GAS	ON DE C
Operator			WEIL APT No. <b>RECEIVED</b> 3003921653 JUN 1 4 1989
Amoco Production Comp	any		3003921653
1670 Broadway, P. O.	Box 800, Denver, Colorad		
Reason(s) for filing (Check proper box) New Well	Change in Transporter of:	Other (Please explain)	5014 1 4 1989
Recompletion	Oil Dry Gas		OIL CONSERVATION DIV.
Change in Operator <b>X</b> If change of operator give name Trans	Casinghead Gas Condensate		WIIIIA PE
and address of previous operator	neco Oil E & P, 6162 S.	Willow, Englewood, C	Colorado 80155
II. DESCRIPTION OF WELL Lease Name	Well No. Pool Name, Includ	ing Formation	Lease No.
SAN JUAN 28-7 UNIT	252 BASIN (DAKO		TEDERAL 000
Location C	: 790 Feet From The FN	L Line and 1850	Feet From The Linc
Unit Letter			
Section 32 Townsh	ip28N Range7W	, NMPM, RI	O ARRIBA County
	SPORTER OF OIL AND NATU		
Name of Authorized Transporter of Oil CONOCO	or Condensate	Address (Give address to which ap) P. O. BOX 1429, BLOC	proved copy of this form is to be sent)
Name of Authorized Transporter of Casir	nghead Gas 🚺 or Dry Gas 🔀	Address (Give address to which ap	proved copy of this form is to be sent)
EL PASO NATURAL GAS CO	MPANY Unit Soc. Twp. Rge.	P. O. BOX 1492, EL E	PASO, TX 79978 When 7
give location of tanks.		is gas ecourty councileur	
If this production is commingled with that IV. COMPLETION DATA	from any other lease or pool, give comming	ling order number:	
	Oil Well Gas Well	New Well Workover De	epen Plug Back Same Res'v Diff Res'v
Designate Type of Completion		Total Depth	
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	<u> </u>	l	Depth Casing Shoe
1			
HOLE SIZE	TUBING, CASING AND CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
		· · · · · · · · · · · · · · · · · · ·	
V. TEST DATA AND REQUE OIL WELL (Test must be after	ST FOR ALLOWABLE recovery of total volume of load oil and mus	the equal to or exceed top allowshie	for this death or be for full 24 hours)
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, ga	
Length of Test	Taking Davana	Casing Pressure	Choke Size
	Tubing Pressure	Crown License	
Actual Prod. During Test	Oil - Ubls.	Water - Bbis.	Gas- MCF
GAS WELL	1	J	
Actual Prod. Test - MCI/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Festing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Gioke Size
VI. OPERATOR CERTIFIC			RVATION DIVISION
I hereby certify that the rules and regu Division have been complied with and			TryAnon Brision
is true and complete to the best of my	knowledge and belief.	Date Approved	MAY 0.8 1000
4. J. Harr	pton		and I
Signature	*	By	
Printed Name	r. Staff Admin. Suprv. Tille	Title	VISION DISTRICT # 3
Janaury 16, 1989 Date	303-830-5025 Telephone No.		

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> 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.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

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	NOV ~Z COUNTY
	inos All
STATE OF NEW MEXICO	Form C104
ENERGY AND MINERALS DEPARTMENT	Revised 10-01-78
NO. OF COPIES RECEIVED OIL CON	
SANTA FE	P.O. BOX 2088
FILE SANTA	FE, NEW MEXICO 87501
U.S.G.S.	
GAS REQUE	EST FOR ALLOWABLE AND
	RANSPORT OIL AND NATURAL GAS
Operator	
Tenneco Oil Company - <b>Dimp</b>	
Address	
P.O. Box 3249, Englewood, CO 80155	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	$\langle (2) \rangle$
Recompletion Oil Dry Gas	
L Change in Ownership Casinghead Gas	sate
If change of ownership give name and address of previous owner <u>El Paso Natural Gas Co</u>	ompany, P.O. Box 4990, Farmington, NM 87499
II. DESCRIPTION OF WELL AND LEASE Lease Name Well No. Pool Name, Inclui	ding Formation Kind of Lease Lease No.
Lease Name Well No. Pool Name, Inclu	State, Federal or Fee USA
SJ 28-7 Unit 252 Basin Da	akota SF 078498-4
Unit Letter C : _790 Feet From The	North Line and1850 Feet From The West
Line of Section 32 Township 28N	Range 7W , NMPM, Rio Arriba County
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	GAS
Name of Authorized Transporter of Oil C or Condensate	Address (Give address to which approved copy of this form is to be sent)
Conoco_IncSurface_Transportation           Name of Authorized Transporter of Casinghead Gas         or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
El_Paso_Natural Gas Company	
Unit Sec. Twp.	Rge. Is gas actually connected? Farmington, NM 87499-
If well produces oil or liquids, give location of tanks.	7W Yes
If this production is commingled with that from any other lease or pool, give commingling orc	••••
· · · · · · · · · · · · · · · · · · ·	
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 with and that the information given is true and complete to the best of my knowledge a	
Λ	BY Srank . Lawa
	<u>SUPERVISOR DISTRICT                                   </u>
1 th my	
Ano C Il Isking	This form is to be filed in compliance with RULE 1104.
(Signature)	If this is a request for allowable for a newly drilled or deepened well, this form must be accom-
Sr, Regulatory Analyst (Title)	panied 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 walls.
	and water and recompleted walls,

1 1985 (Date)

OCT

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.

Form C-104 Revised 10-01-78 Format 06-01-83 Page 2

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#### **IV. COMPLETION DATA**

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Designate Type of Completion	— (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res.'v
Date Spudded	Date Com	pl. Ready to Prod.		Total Depth	· · · · · · · · · · · · · · · · · · ·		P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of I	Producing Formation		Top Oil/Gas P	ay		Tubing Depth		
Perforations	<b>i</b>						Depth Casing S	Shoe	
		TUBING	CASING, AI	ND CEMENTIN	IG RECORD				
HOLE SIZE		CASING & TUBIN	IG SIZE		DEPTH SET			SACKS CEME	T
			······					······	

#### (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) V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.) Length of Test Tubing Pressure Casing Pressure Choke Size Water - Bbls. Gas - MCF Actual Prod. During Test Oil - Bbls.

#### GAS WELL

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

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



DATE <u>July 24, 1979</u>

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

GAS FROM <u>El Paso Natural Gas Company</u>	San Juan 28-7 Unit #252
Operator	Well Name
90-564-01         20268           Meter Code         Site Code	C         32-28-7           Well Unit         S-T-R
Basin Dakota	El Paso Natural Gas Company
Pool	Name of Purchaser
WAS MADE ON <u>July 20, 1979</u> ,	FIRST DELIVERY July 21, 1979
Date	Date
AOF	

СНОКЕ ____

El Paso Natural Gas Company Purchaser Representative

Chief Dispatcher Title

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

File

DEPARTMENT OF THE INTERIOR       Construction of the second part second for the second part second part second for the second part second pa	Form 94330 (Rev. 5-63)	U	NITED S	STATES	SUBMIT	IN DUPLIC		Form a Budget	approved. Bureau No.	. 42-R355.6.	
GEOLOGICAL SURVEY           SECOLOGICAL SURVEY           WELL COMPLETION REPORT AND LOG*           INTER OF WELL WELL WELL WELL WELL WELL WELL WEL						struc	tions on	5. LEASE DESIGNAT	TION AND		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG"           TYPE OF WILL WILL WILL WILL WILL WILL WILL WIL		GEC	LOGICAL	. SURVEY				· · · · · · · · · · · · · · · · · · ·			
b. TYPE OF COMPLETION:         wear D         S. J. 28-7         Diff           S. J. 28.0         File of Wear D         wear D         Diff         wear D         S. J. 28-7         Diff         Diff         Diff         S. J. 28-7         Diff         S. J. 28-7         Diff	WELL COM	MPLETION OF	RECOM	PLETION I	REPORT A	ND LO	G*	6. IF INDIAN, ALLO	TTEE OR T	RIBE NAME	
mark         Constrained         mark         Constrained         Mark         Constrained         S. J. 28-7         Difference           2. Address or origanda         S. J. 28-7         S. J. 28-7         Difference         Difference         S. J. 28-7         Difference	18. TYPE OF WELL	L: OIL WELL	GAS WELL	DRY	Other	; :			9 N. 1	<u></u> 	
weak of other is and is and is an interval constant         and of other is and is an interval constant         S. J. 287 (bit if is a second				DIER (					·	it 3 5	
E1 Paso Natural Gas Compnay       In sector 252.         3. ADDRESS OF OFARTOR       P. OT. Box 289; Farmington: New Mexico 87401         4. LOCKING OF WILL (Report localing and addressed complexes with any 250s requirement).       In sector 252.         At senters 900000. N. 18501 W. C. State of the sector 2000 M.	WELL	OVER EN	BACK	RESVR.	Other	<u> </u>					
3. JANGAR OF OFFENSE 3. JANGAR OF OFFENSE AL DOCTORS OF WILL (Apper Insulan Calcular Gale (Second Engineering of All Second Engineering) - At marker 790'N, 1850'N At instar 790'N, 1850'N At instar reported Nov At ins	1	•		·	()				<u> </u>	<u></u>	
P.O.: Box 289: Farmington: New Mexico 87401         Distribution         Distribution           At locations of weak and sequences of the seque			as Compna	iy		<u> </u>		<b>252</b>			
4. LOCKING OF WELL REPORT LOCATES CARE MANAGES         At surface 790' N, 1850' N         At surface 790' N, 1850' N         At top food. Interval reported Balance 100 N/L 100 N	P.0.	Box 289, Far	mington,	New Meric	o 87401	- <u>-</u>				DCAT ,	
At top prod. Interval reported Malor       UIL DITSOUT       Sec32; T-28.N, R-7-W         At total depta       UIL DITSOUT       Sec32; T-28.N, R-7-W         At total depta       UIL DITSOUT       Base insteps       It. convert. It. Sec32; T-28.N, R-7-W         15: Data Stepsen:       12: convert. It. Sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         15: Data Stepsen:       12: Convert. It. Sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         20: Total Aberts. M. S. Total Accurate Stepsen:       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         20: Total Aberts. M. S. Total Accurate Stepsen:       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         20: Total Aberts. M. S. Total Accurate Stepsen:       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         20: Total Aberts. M. S. Total Accurate Stepsen:       It. sec32; T-28.N, R-7-W       It. sec32; T-28.N, R-7-W         20: Total Aberts. M. S. Total Accurate Stepsen:       It. sec32; Total Accurate Stepsen:       It. Sec32; Total Accurate Stepsen:       It. Sec32; Total Accurate Stepsen:         20: Total Accurate Stepsen:       It. Sec32; Total Accurate Stepsen:       It. Sec32; Total Accurate Stepsen:       It. Sec32; Total Accurate Stepsen:         20: Total Accurate Stepse:       It. Sec52; Total Accurate Stepsen: </td <td>4. LOCATION OF WEL</td> <td>L (Report location cle</td> <td>arly and in acc</td> <td>ondance with an</td> <td>y State require</td> <td>ments)*</td> <td></td> <td></td> <td></td> <td>NO PERVEY</td>	4. LOCATION OF WEL	L (Report location cle	arly and in acc	ondance with an	y State require	ments)*				NO PERVEY	
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Difference         Difference <thdifference< th="">         Difference         Differen</thdifference<>	At top prod. inte		Cal Ini	السابي داد						, R-7-W	
15. Data surgering       15. Data	At total depth	1 The second sec	J06-0	DIVISIO	$\tilde{\beta}$	*		<u> </u>	<u>. , ė</u>	<u> </u>	
15. Date streption       15. Date streption       15. Date streption       13. Extended for profile		1 Z	ONSERNAT	W. PEBMIT NO.	<u>р</u>	ATE ISSUED		PARISH			
1-13-79       1-20-79       5-8-79       60361-G.I.       30.1       BUTLET 10014       Galles Food.         20. Total berrin, HE A TO       21. FULL ALGE TA., HD A TO       22. IF MULTIPLE CONFL.       23. INTERVALS       BUTLET TOTAL       Galles Food.         20. Total berrin, HE A TO       21. FULL ALGE TA., DO TOTAL, HD ATO       22. IF MULTIPLE CONFL.       23. INTERVALS       BUTLET TOTAL       Galles Food.         23. Free LECTRIC AND OTHER LOSS ANY       6828'-7042'       (Dakota)       0-7074'       24. Was Distributed         28. HECTRIC AND OTHER LOSS ANY       6828'-7042'       (Dakota)       24. Was Distributed       Not.         28. HECTRIC AND OTHER LOSS ANY       Scheen State       CASING RECORD (Report all strings set in well)       24. Was Distributed       Not.         29. 5/8''       36#       214'       13.34''       224. cu. ft.	15. DATE SPEDDED		SAN	OMPL (Ready t		ET EVANONE (		1.10			
28. Ford. Berth, MD & TOO       21. FLOG. BACK 15., MD & TOO       22. IF MULTIPLE COMPL.       23. Details and another tools       CARLE TOOLS         7074'       7056'       7056'       7074'       22. IF MULTIPLE COMPL.       23. Details and another tools       CARLE TOOLS         7074'       7056'       7056'       7042'       (Dakota)       21. Many Encomplexity       22. May Encomplexity         70. The Complexity of the Complexity o		an a	inter and the second	1 1 1.2 1. Land 1922	an natari (1777)					· · · · · · · · · · · · · · · · · · ·	
07.4'       7056'       0.7074'       20. FRACTIONAL SOURCE TOP, DOTTON, NAME (MD AND TYD)'         28. FRACTION RECORD INTERVAL(3), OF THIS CONFLETION—TOP, DOTTON, NAME (MD AND TYD)'       20. FRACTIONAL SOURCESSION       20. FRACTIONAL SOURCESSION         28. FRACTION RECORD INTERVAL(3), OF THIS CONFLETION—TOP, DOTTON, NAME (MD AND TYD)'       21. FRACTIONAL SOURCESSION       21. WAS NELCCIONAL SOURCESSION         28. FIRE FLACTAIL AND OFTIME LOGS ADN       CASING RECORD (Report all strings set in setil)       27. WAS WELL COSED.       28. MOOT POLLED         28. String RECORD       CASING RECORD (Report all strings set in setil)       20. MOOT POLLED       28. MOOT POLLED         29. STRING RECORD       28. String RECORD       28. String RECORD       30. TUBING RECORD         50. TUBING RECORD       50. TUBING RECORD       50. TUBING RECORD       50. TUBING RECORD         50. TUBING RECORD       50. String RECORD       50. TUBING RECORD       50. TUBING RECORD         50. TUBING RECORD       50. String RECORD       50. TUBING RECORD       50. TUBING RECORD         50. String RECORD (Interval, size and number)       50. String RECORD (Report AND STRING OF MATERIAL USED (String or TATERIAL USED (String				22. IF MUL	TIPLE COMPL.,	23. INT	ERVALS	ROTARY TOOLS			
6828'-7042' (Dakota)         BUNKER, MADE         6828'-7042' (Dakota)         27. WADE SURVEY         27. WADE SURVEY         27. WADE SURVEY         28. CANNO RECORD (Acport all strings set in sell)         CANNOR RECORD         SIZE TOP (MD) BOTTOM (MD) BACKS CENENT*         SCAREY (MD)         SIZE TOP (MD) BOTTOM (MD)         SACK CENENT*         SCAREY (MD)         SIZE TOP (MD) BOTTOM (MD)         SACK CENENT*         SCAREY (MD)         SIZE TOP (MD) BOTTOM (MD)         SACKE CENENT*         SCAREY (MD)         SIZE TOP (MD) BOTTOM (MD)         SACKE CENENT*         SCAREY (MD)         SIZE TOP (MD) BOTTOM (MD)         SACKE CENENT*         SCAREY COLD SIGT FRACE <td colsp<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-&gt;  </td><td></td><td>2.5.6</td><td>(80₃</td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-&gt;  </td> <td></td> <td>2.5.6</td> <td>(80₃</td>							->		2.5.6	(80 ₃
Bits       CASING RECORD       CASING RECORD (Report all strings set in sell)         CASING RECORD (Report all strings set in sell)       27. Was well could could be an advected by a set of the advected by a set	24. PRODUCING INTER	VAL(S), OF THIS COMP	LETION-TOP, B	OTTOM, NAME (1	AD AND TVD)*						
28. TTPE ELECTRIC AND OTHER LOSS RON       27. WAS WELL COND.         RL Ind., CDL, Temp. Survey       CASING RECORD (Report all strings set in scell)       No		682	8'-7042'	(Dakota)	:			1111 1111 1111 1111 1111	No	e mare e tote	
28. 3       CASING RECORD (Report all strings set in sell)       AMOUNT FULLEP         9. 5/8''       36#       214'       13.3/4''       224 cu. ft.         7''       20#       2376'       8.3/4''       224 cu. ft.       4.1/2''         4.1/2''       10.5 & 11.6#       7074'       6.1/4''       654 cu. ft.       4.1/2''         83.*       ENER RECORD       30.       TUBING RECORD (MD)       SAFE CENENT*       SCREEN (MD)       SIZE       TOP (MD)         83.*       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       FRODUCTION       STATE CASE AND CASE	26. TYPE ELECTRIC A			(=)	<u>:</u> ;			- 27. 7			
CASING SIZE       WEIGHT, LA/FT.       DEFTN SET (MD)       UDLE SIZE       CEMENTING RECORD       AMOUNT FULLED         9.5/8"       36#       214'       13.3/4"       224 cu. ft.	SR-Ind., CDL,	Temp. Survey	•		44 84				No	5 7 <del>-</del>	
9 5/8"       36#       214'       13 3/4"       224 cu. ft.         7"       20#       2876'       8 3/4"       264 cu. ft.         4 1/2"       10.5 § 11.6#       7074'       6 1/4"       654 cu. ft.         29.       LINER RECORD       30.       TUBING RECORD         31. PERFORATION RECORD (Interval, size and number)       6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32.       ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32.       ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC.         6828, 6854, 6840, 5846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32.       ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC.         6828, 7042'       79,000# sand § 89,000 gal. w/1 SPZ.       52.       ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC.         6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       52.       ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC.       52.         33.*       PRODUCTION       FRODUCTION       After Frac Gaige : S4; MCF/D       AMOUNT ANG § NO OF MATERIAL USED       52.         5647 ST 1594       CASUTATED       FRACT PROV       GAS - MCF.       WATER - BEL       GAS - MCF.         34. DIBPOSITION OF GAS (Sold, used for fuel, united, etc.)       THET FEBURE       GAS - MCF.							-		a de f		
7!         20#         23761         83/4"         2264 cu. ft.           4 1/2"         10.5 § 11.6#         7074'         6 1/4"         654 cu. ft.           28.         LINER RECORD         30.         TUBING RECORD         30.           51.         DOTTOM (MD)         BOTTOM (MD)         SCREEN (MD)         SIZE         TUBING RECORD           31.         PERFORATION RECORD         11/2"         7032'         2.         ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.           6828, 6834, 6840, 6846, 6920, 6947, 6953,         6959, 6979, 6986, 6999, 7018, 7042' W/1 SPZ.         2.         ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.           6828, 6854, 6840, 6846, 6920, 6947, 6953,         6959, 6979, 6986, 6999, 7018, 7042' W/1 SPZ.         79,000# sand § 89,000 gal. W           6828-7042'         79,000# sand § 89,000 gal. W         2.         2.           33.*         PRODUCTION         After Frac Gaige-; 84; MCF/D         4.         3.           5-8-79         COKE SIZE         FRODUCTION         ASSUM PRESSURE         CASUM PRESSURE         CASUM PRESSURE           51 647         SI 1594         24-000 Bat         CASUM PRESSURE         CASUM PRESSURE         CASUM PRESSURE           35. LIST OF ATTACHMENTS         SI 1594         24-000 Bat         CASUM PRESSURE         CASUM P									<u> </u>		
4 1/2"       10.5 § 11.6#       7074'       6 1/4"       654 Cu. ft.         28.       LINER RECORD       30.       TUBING RECORD         31. PERFORATION RECORD       11/2"       7032'       2         31. PERFORATION RECORD (Interval, size and number)       6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042'       32.       ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.         33.*       Derration records (MD)       Actor records (MD)       Actor records (MD)       Actor records (MD)         33.*       PRODUCTION       PRODUCTION METROD (Flowing, gas U/L, pumping-size and type of pump)       Actor records (MD)       Suit of the state of t	· · ·		-								
29.       LINER RECORD       30.       TUBING RECORD         SIZE       TOP (MD)       BOTTOM (MD)       BACKS CEMENT*       SCREEN (MD)       BUZE       DEPTH BET. (MD)       PACKES SET (MD)         31.       PERFORATION RECORD (Interval, size and number)       32.       ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953,       6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32.       ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953,       6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32.       ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953,       6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       6828-7042'       79,000# sand § 89,000 gal. w         33.*       PRODUCTION       PRODUCTION METHOD (Flowing, gas W/I, pumping-size and type of pump)       water status (Producing or status)         After Frac Gaige-; 84; MCF/D       WATER BELL       GAS-MCF.       WATER-BELL       OAS-OLE ATTO         5-8-79       HOUER STESTED       CHOKE SIZE       OIL-BEL       GAS-MCF.       WATER-BELL       OAS-OLE ATTO         51 647       S1 1594       24-HOUE RATE       OIL-BEL       GAS-MCF.       WATER-BELL       OIL-BEL       SIGNED       N. Rodgers       SIGNED       N. Rodgers       SIGNED       SIGNED <td< td=""><td>4 1/2"</td><td></td><td>- i</td><td></td><td></td><td></td><td></td><td></td><td>11</td><td></td></td<>	4 1/2"		- i						11		
SIZE       TOP (MD)       BOTTOM (MD)       SACKE CEMENT*       SCREEN (MD)       SIZE       DEPTH BET (MD)       PACKES SET (MD)         31. PERFORATION RECORD (Interval, size and number)       6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC         6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC         6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       DEFTE INTERVAL (MD)       AMOUNT AND END OF MATERIAL USED         6828-7042'       79,000# Sand & 89,000 gal. w	· · · · · · · · · · · · · · · · · · ·										
31. PERFORATION RECORD (Interval, size and number)         Signed attached information is complete and correct as determined from all available recorded.         31. 1/2"         7032!         31. PERFORATION RECORD (Interval, size and number)         6828, 6834, 6840, 6846, 6920, 6947, 6953,         6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.         DEFTE INTERVAL (MD)         AMOUNT AND KIND OF MATERIAL USED         6828-7042'         79,000# sand & 899,000 gal. W         Signed colspan="2">Signed colspan="2"         Signed colspan="2" <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>					1						
31. FERFORATION RECORD (Interval, size and number)       32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953,       0559, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.         6828, 6834, 6840, 6846, 6920, 6947, 6953,       0559, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       AUDUMT ANG KIND OF MATEBIAL USED         6828, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.       05828-7042'       79, 000# sand § 89, 000 gal. w         33.*       PRODUCTION       414 4         9000 # sand § 89, 000 gal. w       14 4         9000 # sand § 89, 000 gal. w       14 4         9100 # Sand § 89, 000 gal. w       14 4         920 # Sand § 89, 000 gal. w       14 4         921 # Sand § 89, 000 gal. w       14 4         921 # Sand § 89, 000 gal. w       14 4         921 # Sand § 89, 000 gal. w       14 4         921 # Sand § 89, 000 gal. w       14 5         921 # Sand § 80 gal. w       15 5         921 # Sand § 80 gal. w       15 5         921 # Sand § 80 gal. w       15 5         921 # Sand § 80 gal. w       15 5         921 # Sand § 80 gal. w       16 5         921 # Sand § 80 gal. w       16 5         921 # Sand § 80 gal. w       16 5         921 # Sand § 80 gal. w       16 5 </td <td></td> <td></td> <td></td> <td></td> <td>SCREEN (MD</td> <td></td> <td>211</td> <td></td> <td>·</td> <td></td>					SCREEN (MD		211		·		
6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.											
6959,6979,6986,6999,7018,7042' w/1 SPZ.       6828-7042'       79,000# sand § 89,000 gal. w         33.*       PRODUCTION       PRODUCTION       ************************************			•	· · · ·			, FRACI	URE, CEMENT SQU	EEZE, ET	; <b>C.</b> → 3	
33.*         PRODUCTION         DATE FIRST PRODUCTION METHOD (Flowing, gas kilt, pumping—eize and type of pump)         After Frac Gaige-;84; MCF/D         MAFter Frac Gaige-;84; MCF/D         DATE OF TEST         DATE OF TEST         BOURS TESTED         CHOKE SIZE         TEST FERIOD         Shut-in         Shut-in         State of TEST         Solut Calculated         State of TEST FERIOD         Solut Calculated         24-HOUE RATE         OIL-BBL         CASE MEE CALCULATED         24-HOUE RATE         24-HOUE RATE         SI 647       SI 1594         ***********************************	•										
33.* PRODUCTION After Frac Gaige-;84; MCF/D DATE OF TEST HOURS TESTED CHOKE SIZE CALCULATED TEST PERIOD FLOW. TUBING PRESS. CASING PRESSURE CALCULATED CALCULAT	0939,0979	,0980,0999,70	10,7042	W/1 SPL.	0828-70	<u>142</u>	<u>/9,0</u>				
33.*       PRODUCTION         DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)       WELL STATUS (Producing or educing or educing or educing or educing or educing or educing)         DATE OF TEST       HOURS TESTED       CHOKE SIZE       PRODUCTION NETHOD (Flowing, gas lift, pumping—size and type of pump)       WELL STATUS (Producing or educing or educin					1						
DATE FIRST PRODUCTION       PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)       WELL STATUS (Producing or schutch)         After Frac Gaige-: 84; MCF/D       After Frac Gaige-: 84; MCF/D       WATER-BEL.       GAS-MCF.         DATE OF TEST       HOURS TESTED       CHOKE SIZE       PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)       WATER-BEL.       GAS-MCF.         5-8-79       TEST PEBIOD       OIL-BEL.       GAS-MCF.       WATER-BEL.       GAS-OIL RATIO, 30         FLOW. TUBING FRESS.       CASING PRESSURE       CALCULATED       OIL-BEL.       GAS-MCF.       WATER-BEL.       OIL GRAVITY-API (CORE.)         SI 647       SI 1594								272 <u>7</u> 42	<u>ر جار د</u>	~ = X	
After Frac Gaige-; 84; MCF/D DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR 5-8-79 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. SI 647 SI 1594 34. DISPOSITION OF GAS (Sold, used for fuel, venied, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available recorded, US + SI 1979. SIGNED MATER DILL DILLING CIErK DILL DILLING CIErK DILLING CIERK		ION   PRODUCTIO	N METHOD (FLO				<b>m</b> n)				
DATE OF TEST       HOURS TESTED       CHOKE SIZE       PROD'N. FOR TEST PERIOD       OIL—BBL.       GAS—MCF.       WATER—BBL.       GAS—OIL RATIO         5-8-79       PLOW. TUBING PRESS.       CASING PRESSURE       CALCULATED 24-HOUR RATE       OIL—BBL.       GAS—MCF.       WATER—BBL.       OIL GRAVITY-API (CORE.)         34. DISPOSITION OF GAS (Sold, used for juel, vented, etc.)       TEST witnessed BT       N. Rodgers       N. Rodgers         35. LIST OF ATTACHMENTS       J. S. S. LIST OF ATTACHMENTS       J. S.	·							shut-in)			
5-8-79         FLOW. TUBING PRESS.       CASING PRESSURE         SI 647       SI 1594         24-HOUR RATE       OIL-BBL.         GAS-MCF.       WATER-BBL.         OIL GRAVITY-API (CORR.)         24-HOUR RATE         24-HOUR RATE         24-HOUR RATE         CAS-MCF.         WATER-BBL.         OIL GRAVITY-API (CORR.)         24-HOUR RATE         24-HOUR RATE         CAS-MCF.         WATER-BBL.         OIL GRAVITY-API (CORR.)         24-HOUR RATE         24-HOUR RATE         CAS-MCF.         WATER-BBL.         OIL GRAVITY-API (CORR.)         24-HOUR RATE         24-HOUR RATE         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       Matter         Drilling Clerk       Datte         Datte       July 6, 1979.	DATE OF TEST			PROD'N. FOR		GAS-M	Сг				
SI 647       SI 1594       24-HOUR BATE         34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       TEST WITNESSED BY         35. LIST OF ATTACHMENTS       N. Rolgers         36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records         36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records         SIGNED       TITLE         Drilling Clerk       DATE	the second s				<u> </u>					<u>të</u> şe	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)       TEST WITNESSED BT         35. LIST OF ATTACHMENTS       N. Rodgers         36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       III S. LEILUICAE SURVEY         36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1	} } ;		OILBBL.	GAS-M	CF.	WATER-	-BBL	BAVITT-API	( (COBB.)	
35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (12) = = = = = = = = = = = = = = = = = = =			vented, etc.)					TEST WITNESSED B			
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 101 = 5 SIGNED SIGNED TITLE Drilling Clerk DATE July 6, 1979	35. LIST OF ATTACHI	MENTS	· · · · · · · · · · · · · · · · · · ·			Ka X - I		5 (F 255 4	<u></u> 6 <u>8</u> 7 <u>8</u> 0	<u></u>	
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	SIGNED	p. Que	200	TITLE D	rilling (	lerk		DATE JU	1y 6,	197 <b>9</b>	
··(See Instructions and Spaces for Additional Data on Reverse Side) 또한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한	·	*/^ 1		<u> </u>					• • • • •		
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This form is designed for submitting a complete and correct well computent to applicable Federal and/or Stute laws and regulations. At particularly with regard to local, arcs, or regional procedures and p tate office. See instructions on items 2% and 24, and 33, below regarding pressure tests, and directional surveys, should be attached hereto, to be instead on this form, see item 35. Fourier attached hereto, to al office for specific instructions. Indicate which elevation is used as reference (where not otherwise and 24. If this well is completed for separate production from more the additional interval to be supplicable. At a separate production from more the additional interval to be supplemental record as production from more the additional interval to be supplemental records for this well should be additional surveys. Submit a separate completion report on this form for each interval to be supplemental records is not the resonance to additional interval to be supplemental records in this form for each interval to be supplemental records in this woll should be additional interval to be supplemental records for this well should be additional suppleted or report on this form for each interval to be supplemental records in the reading interval to be supplemental records in the submit a separate completion report on this form for each interval to be additional interval to be supplemental records in this form for each interval to be additional records is the form for each interval to be additional records is showing the additional submit a separate completion report on this form for each interval to be additional report on this form for the readility of the section of the report on this form for the readility of the readility of the readility of the readility of the readility is additional interval to be supplemented on this form for the readility of the readili	( <b>e</b> 3956.5	D, TIL	Loa	PRODUCTION E FROMEWORD COMMEND FROM AND PRODUCTION	13 2
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		31 SUMMARY OF POROUS ZONES: BHOW ALL INPORTAT ZONES OF POROSITI AND DEPTH INTERVAL TESTED, CUSHION USED, TIME	<b>TORM!</b>	and the state of trans	014
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ANTA FE		CONSERVATION COMMISSION	Form C-104 Supersedes Old C-104 and C-11
FILE		AND	Effective 1-1-65
J.S.G.S.		ANSPORT OIL AND NATURAL (	
LAND OFFICE		AND ON TOTE AND NATURAL (	SAS (
TRANSPORTER OIL			
GAS			API 30-039-21753
OPERATOR /	-		
Operator El Paso Natural Gas	Company		· · ·
Address P.O. Box 289, Farmin		ECEIV	ED
Reason(s) for filing (Check proper bo		Other (Rlease explain)	
New Well	Change in Transporter of:		579   1
Recompletion	Oll Dry Go		
Change in Ownership	Casinghead Gas Conde	DIL CONSERVATIO	M DIVISION
If change of ownership give name and address of previous owner		SANTA F	E
I. DESCRIPTION OF WELL AND	LEASE		
Lease Name	Well No. Pool Name, Including F		Loade Hor
San Juan 28-7 Unit	252 Basin Dakota	State, <u>Federa</u>	Lor Fee SF 078498A
Location 7	00 - Nonth	1850	West
Unit Letter ; /	90 Feet From The North Lin	ne and LOOU Feet From 7	The WESL
Line of Section 32 To	ownship 28-N Range 7	7-W , NMPM, Ric	Arriba County
			D AITIDA County
I. DESIGNATION OF TRANSPOR Name of Authorized Transporter of O	TER OF OIL AND NATURAL GA	Address (Give address to which approx	yed copy of this form is to be sent)
El Paso Natural Gas	Company	P.O. Box 289, Farmingto	on, New Mexico 87401
Name of Authorized Transporter of Co	asinghead Gas or Dry Gas 🕅	Address (Give address to which approv	
El Paso Natural Gas	Company	P.O. Box 289, Farmingto	on, New Mexico 87401
If well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actually connected? Whe	en
give location of tanks.	C 32 28-N 7-W		
If this production is commingled w V. <u>COMPLETION DATA</u>	ith that from any other lease or pool,		· · · · · · · · · · · · · · · · · · ·
Designate Type of Completi	on - (X) Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
· · · · ·	<b>A</b>		
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
1-13-79 Elevations (DF, RKB, RT, GR, etc.)	5-8-79 Name of Producing Formation	7074' Top Oil/Gas Pay	7056' Tubing Depth
6036' GL	Dakota	6828'	7032'
	0,6846,6920,6947,6953,695		Depth Casing Shoe
7042'			7074'
		CEMENTING RECORD	
	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	9 5/8''	214'	224 cf 264 cf
<u> </u>	4 1/2"	7074'	654 cf
0_1/4		7074	tubing
A TEST DATA AND REQUEST F	FOR ALLOWABLE (Test must be a		
OIL WELL	able for this de	pth or be for full 24 hours)	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lif	t, etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbla.	
Actual Prod. During 1980		H4(6) - D2(8)	
·····		,	
GAS WELL			New York Contraction
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
	647	1594	
I. CERTIFICATE OF COMPLIAN	ICE		TION COMMISSION
		APPROVED JUN 2019	179/ 19
Commission have been complied	regulations of the Oil Conservation with and that the information given a best of my knowledge and ballef	AP. +	aux sinte
above is true and complete to th	e best of my knowledge and belief.	BY	the and the comments of the co
		TITLE. <u>1883 And And</u>	
		This form is to be filed in c	ompliance with RULE 1104.
Mary Stady	uld	If this is a request for allow	able for a newly drilled or deepened
, , , ,	nature)	well, this form must be accompany tests taken on the well in accompany	nied by a tabulation of the deviation dance with RULE 111.
Drilling		All pections of this form mu	at be filled out completely for allow-
	ille)	able on new and recompleted we	118.
June 13,	1080	17	-
		Fill out only Sections I, II	, III, and VI for changes of owner, er, or other such change of condition.
	<u>1979</u> ate)	well name or number, or transport	, III, and VI for changes of owner, er, or other such change of condition.

UNITED STATES	Budget Bureau No. 42-R1424
	5. LEASE
DEPARTMENT OF THE INTERIOR	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OUNDRY NOTICES AND DEPORTS ON WELLS	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	San Juan 28-7 Unit
(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.)	8. FARM OR LEASE NAME
1. oil gas y	San Juan 28-7 Unit
well well a other	9. WELL NO
2. NAME OF OPERATOR	
El Paso Natural Gas Company 3. ADDRESS OF OPERATOR	<b>10. FIELD OR WILDCAT NAME</b>
P.O. Box 289, Farmington, New Mexico 87401	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA Sec. 32, T-28-N, R-7-W
below.)	
AT SURFACE: 790'N, 1850'W AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH:	Rio Arriba New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6036' GL
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	2288 8 <u>288</u> 971 N D7 1
TEST WATER SHUT-OFF	
SHOOT OR ACIDIZE	
	(NOTE: Report results of multiple completion or zone' 1573
PULL OR ALTER CASING	change on Form 9–330.)
CHANGE ZONES	
ABANDON*	
(other)	승규는 · 전화선물은 · 승규 학원들의 이 원.
including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	
1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he	ermediate casing, 2864' set at 2876'.
1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'.	ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement
1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS inte Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6	ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set
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UNITED STATES	5. LEASE	• .
	SF 078498A	
GEOLOGICAL SURVEY		
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	
Do not use this form for proposals to drill or to deepen or plug back to a different servoir. Use Form 9-331-C for such proposals.)		
	<b>8.</b> FARM OR LEASE NAME A AND A STATE SAN JUAN 28-37 Unit	
1. oil gas 🖾 other	9. WELL NO.	
2. NAME OF OPERATOR		
EL PASO NATURAL GAS CO.	10. FIELD OR WILDCAT NAME	
3. ADDRESS OF OPERATOR	Basin Dakota	
BOX 289, FARMINGTON, NEW MEXICO 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	<b>11.</b> SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T-28-N, R-7-W	
helow )		
AT SURFACE: 790'N, 1850'W	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	Rio Arriba Rev Mexico	
6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	- <b>14. API NO. 또한 제품 이 사용 문</b> 법	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)	
	6036 GL	
EQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: EST WATER SHUT-OFF		
	운영·영상 이 문화 영상 것이 있는 것이 있는 것이 있는 것이 있다.	
	· 여러 기장 · · · · · · · · · · · · · · · · · ·	
ULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone change on Form 9–330.)	
CHANGE ZONES	· 변화분석 전 당동성이 한다. · · · · · · · · · · · · · · · · · · ·	
BANDON≠	· · · · · · · · · · · · · · · · · · ·	
	Alburgend and a constant and a constant a constant	
BANDON * □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	te all pertinent details, and give pertinent dates,	
BANDON ♥	directionally drilled, give subsurface locations and	
BANDON * ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly station including estimated date of starting any proposed work. If well is of the starting any proposed work.	directionally drilled, give subsurface locations and	
BANDON * ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly station including estimated date of starting any proposed work. If well is of the starting any proposed work.	directionally drilled, give subsurface locations and nt to this work.)*	
BANDON* ☐ ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface	directionally drilled, give subsurface locations and nt to this work.)*	
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BANDON*       Image: Construct of the second starting any proposed work. If well is constructed and true vertical depths for all markers and zones pertine         1/13/79:       Spudded well.       Drilled surface         1/13/79:       Ran 5 joints 9 5/8'', 36# K-55         Cemented with 224 cu.       ft. cement.         Composition of the second starting and true vertical depths for all markers and zones pertine         1/13/79:       Spudded well.         Drilled surface         1/14/79:       Ran 5 joints 9 5/8'', 36# K-55         Cemented with 224 cu.       ft. cement.         Circu held 600#/30 minutes.         Subsurface Safety Valve: Manu. and Type         18. I hereby certify that the foregoing is true and correct         Signed       Marca         TITLE Drilling Cler         (This space for Federal or State of         APPROVED BY       TITLE         CONDITIONS OF APPROVAL, IF ANY:	directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ DATE DATE DATE	· · ·

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Form 9-331 C (May 1963)			SUBMIT IN TR (Other instruct	tions on Budget Bureau 1	Vo. 42-R1425.
		ED STATES	reverse si	<u>20-246-20</u>	2653
		GICAL SURVEY		5. LEASE DESIGNATION AN	D SEBIAL NO.
				6. IF INDIAN, ALLOTTEE OF	TRIBE NAME
······································	FOR PERMIT	O DRILL, DEEP	EN, OR PLUG B		
1a. TYPE OF WORK	LL 🛛	DEEPEN	PLUG BAG	K	E .
b. TYPE OF WELL OIL - GA		e	INGLE [] MULTIP	San Juan 28	-7 Unit
2. NAME OF OPERATOR	SELL X OTHER		ONE X ZONE	8. FARM OF LEASE NAME	
	ural Gas Com	nany	A CAR	9. WELL NO.	-/ UNIC
3. ADDRESS OF OPERATOR	urar das con	pany	<u> </u>	252	
	Farmington,			10. FIELD AND POOL, OR	FILDCAT
4. LOCATION OF WELL (Re At surface	-	· · ·	State requirements.*)	Basin Dakot	
C		50'W	· · · · · · · · · · · · · · · · · · ·	11. SEC., T., B., M., OB BLE AND SURVEY OR ABEA Sec. 32, T-28	
At proposed prod. zone	e			NMPM	-N, K-7-W
14. DISTANCE IN MILES A	ND DIRECTION FROM NEA	LEST TOWN OR POST OFFIC	E\$	12. COUNTY OR PARISIT 1	3. STATE
	of Abe's St	ore, NM		Rio Arriba	NM
15. DISTANCE FROM PROPO LOCATION TO NEAREST		1	O. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	
PROPERTY OR LEASE LI (Also to nearest drig	. unit line, if any)	771	Unit	W/	315.36/
18. DISTANCE FROM PROPO TO NEAREST WELL, DE OR APPLIED FOR, ON THE	ILLING, COMPLETED,	1700	roposed depth 7070	20. ROTARY OR CABLE TOOLS Rotary	•
21. ELEVATIONS (Show whe				22. APPROX. DATE WORK	WILL START*
6036'GR					
23.		ROPOSED CASING AN	D CEMENTING PROGRA	M	
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 circ	
<u> </u>		20.0#	2875'	262 cu.ft.to cover	2
6 1/4"	4 1/2"line	r 11.6#-10.5	# 7070'	645 cu.ft.to fill	to 2875'
Selectively	perforate a	nd sandwater	fracture the	Dakota formation.	
A 3000 pei	WP and 6000	nsi test dou	ble gate prev	enter equipped wit	h
blind and p	pipe rams wil	1 be used fo	r blow out pi	evention on this w	ell.
-	-				
<b>m</b> 1. 1				1 - Charling and the	
This gas is	dedicated.				
					Alie \$
				ار از موجوع میں ان محمد الاکر کی ان میں ان میں اور	
The $W/2$ of	Section 32 i	s dedicated	to this well.	* 1	and the second s
IN ABOVE SPACE DESCRIBE zone. If proposal is to o preventer program, if any	drill or deepen directions	proposal is to deepen or p lly, give pertinent data (	plug back, give data on pr on subsurface locations ar	esent productive zone and proposed i d measured and true vertical depths.	iew productive Give blowout
24. AI U	IR.				
SIGNED	Allero	TITLE	Drilling	Clerk DATE Jan.	<u>31,1978</u>
(This space for Feder	ral or State office use)	<u> </u>			
PERMIT NO.			APPROVAL DATE		
· · · · · · · · · · · · · · · · · · ·		<u>.</u>		DFCFIV	
APPROVED BY		TITLE			<u> </u>
CONDITIONS OF APPROV	AL, IF ANY :				0
an Ola	°0			FEB 2 197	0
ilin CA.	1	*See Instructions	On Reverse Side	U. S. GEOLOGICAL SU	ovev.
	la de la companya de La companya de la comp	~		DURANGO, COLO,	

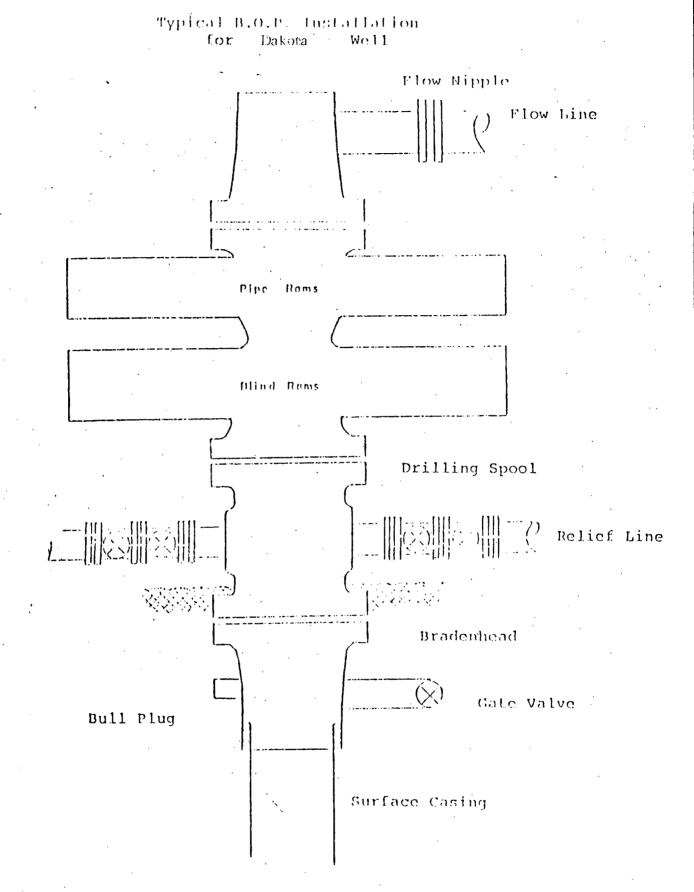
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·		All distance	s must be fro	m the outer	boundaries of	the Section			: :
perator			. 1	Lease			SE_MANO	Weil No.	
El Paso Natur					uan 28-7		SF-078498	5) 252	<u> </u>
C Sect	32	Township 28N		P. ange		County	1		
Ctual Footage Location		2011		7W	·	017	Arriba		<u> </u>
<b>7</b> 90 fee	t from the NC	orth	line and	1850	fer	t from the	West	line	
round Level Elev.	Producing For			Pool				Dedicated Acreage	:
6036	Dakota				Basin D	akota	/	315.36	Acı
<ol> <li>Outline the ac</li> <li>If more than a interest and ro</li> </ol>	one lease is yalty).	dedicated to	o the well,	outline e	ach and ide	entify the	ownership t	hereof (both as t	
this form if nec No allowable w	unitization, u No If an no,' list the :essary.) ill be assigne	nitization, fo nswer is "ye owners and t  ed to the wel	orce-pooling s," type of tract descri until all i	g. etc? consolida ptions wh nterests l	tion ich have a ave been	Unit ctually be consolidat	ization en consolid ted (by com		se side
****		XXXXXXX XX		i				CERTIFICATION	
1850'	- <u></u> - <u></u> 	771' X					tained he best of m Name	certify that the infor rein is true and com y knowledge and bel Succe ng Clerk	plete to t ief.
SF-(	1       278498   	Sec		·           			Position El Pas Company	o Natural y 31, 1978	
			32				shown on notes of under my is true o	certify that the w this plat was plotte actual surveys mad supervision, and th and correct to the e and belief.	d from fie le by me at the sai
	+			+     	<u> </u>	·	Novemb	red Der 27, 1977 Professional Engine	

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Scrics 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.