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PRORATION OF	ICE		
Operator El Paso Nat			_

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104

FILE		1.			LWULJI	FOR ALLO				es Old C-104 and C-1
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GAS										
PRORATION OFFICE	+++	1								
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El Paso Natural			r Conden	sate 🚡	신	Address (Gt	e dadress to	шитен аррго	vea copy of this for	m is to be sent)
Name of Authorized Transp	orter of Cas	inghead Gas	; c	or Dry G	as 👗	Address (Gi	e address to	which approx	ved copy of this for	m is to be sent)
El Paso Natural	. GasCom	p any								
If well produces oil or liqu	ids,	Unit	Sec.	Twp.	Rge.	Is gas actua	lly connected Yes	? Who	en	
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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PRORATION OFFICE			

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

REQUEST FOR ALLOWABLE

OPERATOR		1A	ND		i	
PRORATION OFFICE	AUTHORI	ZATION TO TRANSP	PORT OIL AND NATUR	RAL GAS	į	
1.				M P e	_	
Operator					15 U M ra	
Tenneco Oil Compan	V					
P.O. Box 3249. Eng	lewood. CO 8015	E		UUT	021985	
Reason(s) for filing (Check proper bo):3	Other (Please ex	plain)	N. DIV.	
New Well	Change in Transporter of:			OIL CC	M ra	1
Recompletion	Oil	Dry Gas		Dis	7. 3	
				-	٧٠. ن	
Change in Ownership	Casinghead Gas	Condensate	<u> </u>			
If change of ownership give name and address of previous owner	El Paso Natur	al Gas Company	, P.O. Box 4990), Farmingto	n, NM 87499	
II. DESCRIPTION OF WELL		L David Name Land of Confession	No.	T Mad att ann		
Lease Name	Well No.	Pool Name, Including Forma	ition	Kind of Lease State, Federal or Fee	USA	Lease No.
SJ 28-7 Unit NP	68	Blanco-MV			SF	078500-6
Location						
Unit Letter	_:_990	_ Feet From The Nort	Line and	— 1650 — F	eet From The East	
Line of Section 2 1	Township	28N	Range 71.1	, NMPM,	04 - 0	County
III. DESIGNATION OF TRA Name of Authorized Transporter of Oil CONOCO TIC Surface Name of Authorized Transporter of Ca 1 Paso Natural Gas If well produces oil or liquids, give location of tanks. If this production is commingled with the	or Condensate X X Transportation singhead Gas or Dry Gas X Company Unit Sec.	Twp. Rge.	Address (Give address to whice Address (Give address to whice Address to white Address to white Address to white Address to white Address to the Address to the Address to white Address to the Addres	Happioved copy of this i	8.240 Orm is to be sent)	
NOTE: Complete Parts IV		• •				
VI. CERTIFICATE OF COM	PLIANCE		il c	UL CONSERVATION	ON DIVISION	
i hereby certify that the rules and regu with and that the information given is	liations of the Oil Conservation D	·	APPROVED	SOCT/OF	1985 way	
Sr. Regulatory Anal	N=Kmy (Signature)		TITLE This form is to be filed in If this is a request for allo panied by a tabulation of the	owable for a newly drilled e deviation tests taken or	104. d or deepened well, this n the well in accordance	with RULE 111.
OCT 1	1985 ^(tle)		All sections of this form m Fill out only Section I, II, II or other such change of con	I, and VI for changes of o	wner, well name and or r	number, or transporter,
	1/		II Sangrata Enrine C 404		an multiply completed in	ALLE







STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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OPERATOR		
PROBATION OFFICE		- 1

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

OPERATOR				Α	ND					
PRORATION OFFICE		AUTHOR	ZATION TO	TRANS!	PORT OI	L AND NATU	IRAL GAS			
l.								Rom		
Operator							127	L [5]	MP	
Tenneco Oil Compa	inv	-					L^{\prime}	· (2)		
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P.O. Box 3249. Er	or I award	CO 8015	ξ.					UCT 02	1985	
Reason(s) for filing (Check prope		CO BOIL	لغا			Other (Please e	explain)	Pa.	.000	
New Well	Change in Trans	porter of:					OIL	CON!	Day	
Recompletion	Oil		Dry (Gae				DIST. 3	, w	
	Casinghea	od Con		densate		i		٠,٠٠١. ن	ř	1
Change in Ownership	Casingnea	id Gas	X Cond	Jensale		1				
If change of ownership give name										
and address of previous owner _	El Pa	so Natur	al Gas	Compan	y, P.O	Box 499	0, Farmi	ngton, I	VM 87499	
II. DESCRIPTION OF WE	LL AND LEA						I Ried at least			Taxas Na
Lease Name		Well No.	Pool Name, In	cluding Form	ation		Kind of Lease State, Federal		a	Lease No.
SJ 28-7 Unit NP		68	Blanco	MV				SF	•	078500-4
Location										
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Line of Section 31		Township	28N		Range	7W		NMPM, Ric	o Arriba	County
0501011471011.05.75			15 114715							
III. DESIGNATION OF TE Name of Authorized Transporter of			ND NATUR	AL GAS	Address /	Give address to wh	ich approved con	of this form is I	to he senti	
Maine of Addionzed fransporter of	Of E Or Condens	X			Audiess	Cive address to win	non approved cop	or ima tomi is t	0 00 00,10	
Conoco Inc. Surfa Name of Authorized Transporter of	ce Transp	ortation	.		P.O.	Give address to wh	.Hobbs .	NM. 88240)	
Name of Authorized Transporter of	Casinghead Gas 🗆	or Dry Gas 🗆	- [Address	GIVE address to wn	исп арргочес сору	on this torm is t	o De Sent)	
El Paso Natural G	as Compan	v			ВО	Box 4990	_ Earmin	atan NA	4 97400	
	Uni	Sec.	Twp.	Rçie.	Is gas ac	tually connected?	, , oc, man	When on, In	1 07433	
If well produces oil or liquids, give location of tanks.	! .		0.081			V	•			
		- 31	28N	- 		Yes	**-			
If this production is commingled wit	n that from any othe	r lease or pool, g	ive commingling	orger number	·					
NOTE: Complete Parts I	V and V on re	verse side i	if necessar	y.						
•									:	
VI. CERTIFICATE OF CO	MPLIANCE				II		OIL CONSE	RVATION D	NOISION	
I hereby certify that the rules and r		il Consequation I	Division have be	nen complied	APPR	OVED	TOOT	10000	ot 1	. 19
with and that the information give	-						700	10 p (45	50	
•			,		BY		J) 12.4	<u> </u>	~av~z	
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V 14	MCI)				TITLE			M DISTRICT 5	<u>#</u> 3	
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	(Signature	,			- 18	orm is to be filed i	•		det tless become	form must be secom
	,	•				i is a request for a by a tabulation of t				form must be accom- with RULE 111.
<u>Sr. Regulatory An</u>	alyst arma				11 .	•				and recompleted walls.
OCT	1 1985 (tile)									number, or transporter,
						such change of co				.,
	(Date)				Sepa	ate Forms C-104 m	nust be filed for e	ach pool in mult	iply completed w	rells.



T LTR



Job separation sheet

We contribute to the contribute of the second state of the second second

Submit 5 Copies
Appropriate District Office
DISTRICT J
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

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

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

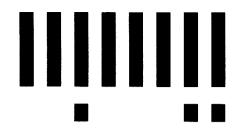
DISTRICT II P.O. Drawer DD, Artesia, NM 88210

REQUEST FOR ALLOWABLE AND AUTHORIZATION

80155 Lease No.
Lease No.
SF078500A
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M 87413
s form is to be sent) 79978
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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.
- 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.







Form 3169-5 (June 1990)

> 1. Type of Well Oil

2. Name of Operator

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5. Lease Designation and Serial No.

SF-078500-A

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 8. Well Name and No. San Juan 28-7 NP #68 John Hampton Amoco Production Company Attn: 9. API Well No. 3. Address and Telephone No. 30-039-60071 80201 10. Field and Pool, or Exploratory Area P.O. Box 800 Denver, Colorado 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Blanco Mesaverde 11. County or Parish, State 990' FNL, 1650' FEL Sec. 31, T28N-R7W: Unit "B" Rio Arriba, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION | Notice of Intent Abandonment Change of Plans **New Construction** Recompletion Plugging Back Non-Routine Fracturing Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice X Other Bradenhead Repair _ 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 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.

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

14. I hereby certify that the foregoing is true and correct Signed: HAMOTONIAR	Tide Sr. Staff Admin. Supv	ABPB/P7/59
., (This space for Foderal or State office use)		MAR 9 3 1992
Approved by	Tide :	AREA MANAGER

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

structions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

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

liem 13-Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or lubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease. ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well

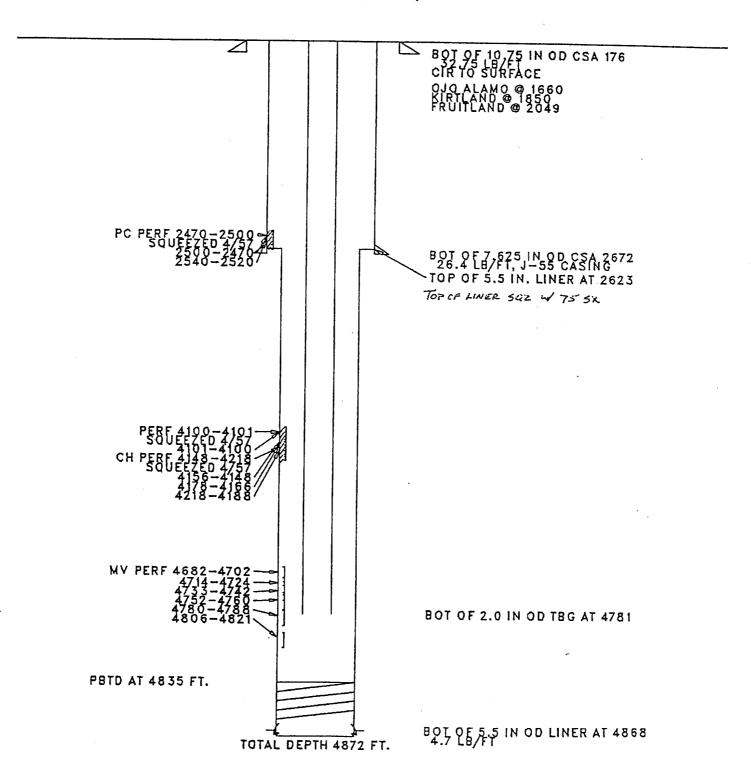
operations on Federal or Indian oil and gas leases. This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for the form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the business of the laterior, of a spect of this form to U.S. Department of the Interior, Bureau of Land Management. (Alternate Dureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project

SAN JUAN 28-7 #68 LOCATION,31B-T28N-R7W DUAL, CH PC MV ORIGINAL COMPLETION 4/57 LAST FILE UPDATE 10/91 BY CSW

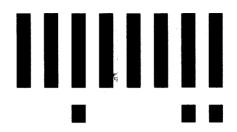


Workover Procedure
San Juan 28-7 #68
Sec.31-T28N-R07W
San Juan County, NM

- 1. Contact Federal or State agency prior to starting repair work.
- 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 PBTD, 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. Resqueeze 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.

- 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.







(June 1990)

representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

CLIMBON	NOTICES	ANID	REPORTS	ONLINELL	\sim
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5. Lease Designation and Sarial No.

De not use this form (a proposal to dill not a degree of control to different consequity	See Below
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	8. If Indian, Allottee or Tribe Name
	7. If Unit or CA, Agreement Designation
1. T AWA	
1. Type of Well Oil Well Other	8. Wall Name and No.
2. Name of Operator Attention	See Below
Amoco Production Company E. R. Nicholson	9. API Well No.
 Address and Telephone No. P. O. Box 800, Denver, Colorado 80201 (303) 830-5014 	See Below
4. Location of Well. (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area See Below
	11. County or Periah, State
See Below	Rio Arriba, NM
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
TO EIVED	
Notice of Intent Notice of Intent Notice of In	Change of Plane
Plugging Back	New Construction Non-Routine Frecturing
	Water Shut-Off Conversion to Injection
Final Abandonment Notice OIL CON. DIV Other	Dispose Water
	rt results of multiple completion on Well Completion or n Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting subsurface locations and measured and true vertical depths for all markers and zenes pertinent to this work.)*	any proposed work . If well le directionally drilled, give
	it in requested first
Per conversation with Ken an Wayne Townsend this date, due to the low priority of the following wells approval be given to cancel the bradenhead procedures at this time.	원 및 >>>
	W Huit "A" API #30 03 007/33
	· 7 3 <
San Juan 28-7 Unit #136 (SF-079289) - Basin Dakota, 1650' FSL, 1650' FEL, Sec. 14, T28N-R7W	
San Juan 28-7 Unit #218 (SF-079289) - Basin Dakota, 1175' FSL, 1540' FWL, Sec. 12, T28N-R7V	7, API #30 039 208 79 😸
0 1 20 7 ND #40 (9E 079500 A) Plance Macaucardo 000' ENII 1650' EE1	E≦
San Juan 28-7 NP #68 (SF-078500-A) - Blanco Mesaverde, 990' FNL, 1650' FEL,	·
San Juan 28-7 Unit #21 (SF-078497-A) - Blanco Mesaverde, 1080' FSL, 1650' FWL, Sec. 9, T28N-R'	7W 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 Un	it "L", API #30 039 08100⊬
San Juan 28-7 Unit #242E (SF-078497) - Basin Dakota, 900' FSL, 800' FWL, Sec. 7, T28N-R7W Un	IT M , APT #30 039 22339
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-1	R7W Unit "K", API #30 039 07460 '
	,
14. I hereby certify that the foregoing is true and correct	Indust 4-29-93
Signed Title To Cultural Control Contr	ACCEPTED FOR RECORD
(The space for Federal or State office use)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Approved by	MAD"O K-1993
Conditions of approval, if any:	MAI US ISSU
The state of the s	FARMINGTUN DISTRICT OFFICE