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rorm ¹ 9-330 Rev. 5-63)			***	STIRM	ית או דו	 JPLICATE	• 1	Form	approved.
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		MENT OF EOLOGICAL		ERIOF	د	structions reverse si	de) 0. LEASE	DESIGNA	TION AND SERIAL NO
							- G TE INI		OTTEE OR TRIBE NAM
1a. TYPE OF WELL				KEPOKI .	AND	LOG*			· · · · · · · · · · · · · · · · · · ·
b. TYPE OF COMP	WELL	GAS WELL	DRY	Other	~	64 <mark>0</mark>	- 7. UNIT	AGREEMEN	T NAME
	WORK DEEP- OVER EN	D PLUG DACK	DIFF. RESVR.	Other		• •	S. FARM	OR LEASE	NAME
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General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both particularly with regard to local area; or regional procedures and practices, either are alwarm blow or vill be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. The office this form and the number of copies to be and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. The office the time this summary record is submitted, copies of all our regin of the statehold before of all our regulations for the statehold before the instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. The new state agency or a State agency or a State agency or a State agency or state office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. The new is and regulations. All attachments for and pressure this area and regulations. All attachments is a referent is arrited on the strend of all our regulations form and regulations. All attachments are referent of a submit is used as reference (new not copies) to be described in accordance with Federal and/or State laws and regulations. All attachments are additional interval to applet instructions. The max (10 mission fractions is used as reference (new not herein a more of not completed) apound for apparate produced, aboving the additional fraction is used as reference (new not copies) to an additional interval to additional interval to additional interval to additional and an experimental and interval to an additional and a separate reported in the asset in a separate report of the second second showing the additional data portional, and and max statements and interval second showing the additional data produced. See

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Form 9-331 (May 1963)		UNITED STATI	ES	SUBMIT IN	N TRIPLICATE*	Form an Budget	proved. Bureau No. 42-R;	1424
(DEPART	MENT OF THE	INTERIOR	(Other inst verse side)	tructions on re-		TION AND SEBIAL	
		SEOLOGICAL SU		\odot	M M	SP-0779	52 222	
						6. IF INDIAN, ALL		AME
SUN	DRY NOT	ICES AND REP	PORTS ON	WELLS	53	t the set of the set o	4 834	
	form for propos	als to deill or to deep	on or plug back t	a different	reservoir.	2 4 <i>5</i> 2		
	Use "APPLICA	TION FOR PERMIT	" for such proposa	18.) 	<u></u>			
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OIL GAS WELL WELL	OTHER				64	관 영 월 22	~ <u>3</u> E E	
2. NAME OF OPERATOR					•	8. FARM OR LEAS	I NAME	
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PAN AMERICAN	PETROLEUM	CORPORATION					rdon #D#	
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P. 0. Box 480	, Farming	ton, New Mexic	50			E E E E S	1 21 문론	
4. LOCATION OF WELL (Re	eport location cl	learly and in accordance		requirement	8.*	10. FIELD AND PO		
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						SURVEY OR	AREAS	
						NE/4 SW/4	Section 23	3
					•	T-27-1 R	10 W = =	•
14. PERMIT NO.		15. ELEVATIONS (Show	w whether DF, RT, G	R, etc.)		12. COUNTY OR P.	ARISH 13. STATE	
			6287 (RDB)			San Jian	THE ME	
		<u></u>	OZOT (AUD)			San Juan		TTCC
16.	Check Ar	propriate Box To I	ndicate Natur	e of Notice	e, Report, or C	)ther Data		
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A	OTICE OF INTER	TION TO .			SUBSEQU	ENT REPORT OF:	- 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TEST WATER SHUT-OF	<b>r</b> 1	PULL OR ALTER CASING		WATER SHU	JT-OFF	3 3 SREPAIR	ING WREL	
FRACTURE TREAT	,	MULTIPLE COMPLETE		FRACTURE	TREATMENT		NG CABING	
		ABANDON*					NMENT 3	
SHOOT OR ACIDIZE				-	OR ACIDIZING			
REPAIR WELL		CHANGE PLANS		(Other)	Well	of multiple comple		
(Other)				Comp	letion or Recomple	etion Report and L	og form.) = E	
17 DESCRIBE PROPOSED OR	COMPLETED OPE	BATIONS (Clearly state	all pertinent det	ils and give	partinent deter	including estimate	d date of starting	* anv

proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers, and zones pertinent to this work.)*

The above well was spudded on September 14, 1964 and drilled to a depth of 3555 \$5/8" casing was set at that depth with 225 sacks cement containing 25 calcium chloride, Cement circulated to surface. After waiting on cement tested casing with 500 psi. Test 66. Reduced hole to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6722 and 4-1/2" casing was set at that depth with stage tool set at 4857. First stage cemented with 400 sacks cement containing of gel and 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. After waiting on rement tested with 3500 psi. Test OK. Cemented second stage with 1100 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. After waiting on cement tested with 3500 psi. Test OK.

Perforated 6614-6630 and 6640-6648 with 2 shots per foot. Fracked with 44,730 gallons water containing .8% calcium chloride with 2 pounds J-100 per 1000 gallons and 30,000 pounds 20-40 sand and 10,000 pounds 10-20 sand. Breakdown pressure 1750; treating 2500, average injection rate 58 BPM. Bridge plug set at 6606 and tested with 3500 per OK.

Perforated 6526-6534 and 6568-6574 with 3 shots per foot. Fractured with 28,308 gallons water containing above additives and 15,000 pounds 20-40 sand and 5000 pounds 10-20 sand. Breakdown pressure 2750, treating 3100, average injection rate 47 BPM

2-3/8" tubing set at 6553 and well completed as Basin Dakota Field Development Well October 12, 1964. Preliminary test 6200 MCFD.

18. I hereby certify that the foregoing is true and correct ORIGINAL SIGNED		Nabors, District	그는 것 같은 것 같
SIGNED E. H. HOLLINGSWORTH	TITLE		DATE October 14, 1964
(This space for Federal or State office use)	TITLE	134	
CONDITIONS OF APPROVAL, IF ANY:		CI - CI	.**. 0GT 1= 1964
*C			
30	ee Instructio	ns on Reverse Side	U. S. GEOLOGICAL SUBVEY FAREINMETCAL SUBJ

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Form, 9-331 C • (May 1963)				IN TRIPLICATE		'orm approv 1dget Bures	ved. au No <b>4942</b> –F	142
(1405 1000)	UNIT	<b>TED STATES</b>	, (Uther re	instructions on verse side)		-		
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P. 0. Box 480	, Famington, N		ار این				OB WILDCAT	
4. LOCATION OF WELL (R At surface	eport location clearly and	in accordance with	h any State requirements	* P M		In Dalto		
aria i	SL and 1540 PVL	*	10. 17		11. SEC., 1	I., R., M., OR	BLK	
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^{4.} Fred L. Mabors, District Engineer	
SIGNED ORIGINAL SIGNED BY	DATE _July 14, 1964
(This space for Federal or State office use)	
PERMIT NO APPROVAL DATE	<u></u>
APPROVED BY	DATE
CONDITIONS OF APPROVAL, IF ANY :	
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*See Instructions On Reverse Side

Operator       PAN AMERICAN PETROLEUM CORPORATION       Lace       J. C. GORDON "D"         Nell No.       3       Unit Letter       K       Sociar23 201 7 5 Township 27 North       Range 10 WEST. NMPM         Located       2270       Feet From       Sociar23 201 7 5 Township 27 North       Range 10 WEST. NMPM         Located       2270       Feet From       Sociar23 201 7 5 Township 27 North       Range 10 WEST. NMPM         Located       2270       Feet From       Sociar23 201 7 5 Township 27 North       Range 10 WEST. Line         County       SAN JUAN       G. L. Elevation Report Later Dedicated Acreage       320 Acres         Name of Producing Formation       Dekote       Pool       Resta Dekote         Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes       No.       X         2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes       No.       X         3. If the onswer to question Two is "No," list all the owners and their respective interestation       Mult Yes       Mult Yes         SECTION 8.       This is to certify that the information       Mult Yes       Mult Yes       Mult Yes				FDAM 0-128 Revised 5/1/57
SECTION A.     MAIN OFFICE DCC     Date     July 13, 1964       Operator.     PAN APERICAN PETROLEUN COPPORATION     Ligg. J. G. Gongon "D"       Well No.     3     Unit Letter M. Sportsmice 23 all 7. "Downship 27 Marts     Range 10 MST. NMPM       County     Sau Juan     G. L. Elevation Report Letter Dedicated Acreage     320     Acres       San Juan     G. L. Elevation Report Letter Dedicated Acreage     No.     Xer     No.       San Juan     G. L. Elevation Report Letter Dedicated Acreage     No.     Xer       San duan     G. L. Elevation Report Letter Dedicated Acreage     No.     Xer       San duan     G. L. Elevation Report San dual in the plot below? Yes     No.     Xer       San duan     No.     H the answer to question One is "No," have the interests of all the owners been consolidation     No.       Jointly eved screage - sill owners approved drilling of well.     No.     Xer       San dual duan     San Son Son     San Son       San dual dual dual dual dual dual dual dual	A .	NEW MEXICO OIL CO	NSERVATION COMM	ISSION
Dertor,       Part Artericital Perrol.eUM Caregorian			and the second	at
Dertor,       Part Artericital Perrol.eUM Caregorian	SECTION A.	MANN OFFICE	000	Date July 13, 1964
Well No.       3       Unit Letter       K. 100 Seggior 23       281       7 * 5 Township 27       Noarte       Ronge 10. WEST. NMAPN         Accord 2270       Feet From       Segum       Line       1540       Feet From       Wat       Line         County San Uux       G L Elevation Report Later Dedicated Acreage       300       Acres       No.       I         Nome of Producing Formation       Dekta       Pool       Desia Dekta       No.       I         Is the Operator the only owner* in the dedicated acreage outlined on the plot below? Yes       No.       No.       I         Is the Operator the only owner* in the dedicated acreage outlined on the plot below? Yes       No.       I       I         Is the Operator the only owner* in the dedicated acreage outlined on the plot below? Yes       No.       I       I         If the answer to question Two is "No."       If answer is "Yes," Type of Consolidation       Dotatiy eved screage - all owners approved drilling of wells       Into in Section A dove is rue oncomplete to the best of my knowledge and belief.         Sector No       Sec. 23       If an advertify thot the information in Section A dove is ince oncomplete to the best of my knowledge and belief.         Sec. 23       Sec. 23       If an advertify thot the information in Section A dove is ince oncomplete to the best of my knowledge and belief.       If advertify thot the information	Operator PAN AMERICAN PE	TROLEUM CORPORATION	lease J. C. G	BORDON "D"
accated       2270       Feet From       Sector         County       SAN JUAN       G. L. Elevation Report. Later.       Peol       Besis Detots         Nome of Producing Formation       Detots       Peol       Besis Detots         Is the Operator the only owner* in the dedicated acreage autilined on the plat below? Yes.       NoI.         2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitizator agreement or atherwise? Yes.       NoI.         3. If the answer to question Two is "No," list all the owners and their respective interests? Section S.       Section A above is frue one complete to the best of my knowledge and bestof and subst best of my	Well No 3 Unit Letter	K Saction 23 201	7 57 Township 27	NORTH Range 10 WEST NMPM
Nome of Producing Formation       Delots       Pool       Besis Dekote         1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes       No       I         2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization approved dralling of vell.       No       I         3. If the answer to question Two is "No," list all the owners and their respective interests of all owners       No       I	Located 2270 Fee	et From South	Line,1540	Feet From WEST Line
Is the Operator the only owner* in the dedicated acreage outlined on the plat below? YesNo				
<ul> <li>2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes. X No</li></ul>	Name of Producing Formation	Dekota	Pool	Besin Dakota
agreement or otherwise? Yes. X. No. If answer is "Yes," Type of Consolidation Jointly evened accesse - all owners approved drilling of well. If the answer to question Two is "No," list all the owners and their respective interest little owners 	1. Is the Operator the only own	ner* in the dedicated acrea	age outlined on the plat	below? YesNoX
BUNNER SECTION 5. SECTION 5. SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 SF-077952 S	agreement or otherwise? ) Jointly owned acrea	res_XNo If <b>ge - all owners appro</b>	answer is "Yes," Type ved drilling of we	of Consolidation
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edge and belief. PAN AMERICAN PETROLEUM CORP. 7. H. Hollingsworth INFERENTATIVE F. H. Bollingsworth INFERENTATIVE F. O. Box 480 Farmington, New Mexico Magness SEC. 23 				tion in Section A above is true and
7. H. Hollingsworth         Image: Sec. 23         SE-077952         SEC. 23         Image: Sec. 24         Image: Sec. 25         Image: Sec. 25         Image: Sec. 26         Image: Sec. 26         Image: Sec. 27         Image: Sec. 2		ł		
7. H. Hollingsworth         Image: Sec. 23         SE-077952         SEC. 23         Image: Sec. 24         Image: Sec. 25         Image: Sec. 25         Image: Sec. 26         Image: Sec. 26         Image: Sec. 27         Image: Sec. 2			1 1	PAN AMERICAN PETROLEUM CORP.
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2. Name of Operator	s Operating Company	0111 <u>COL10 1</u>					
3a. Address			PhoneNo. (include area c	ode)	9. API Well 30-045-13		
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certify that the appli	al, if any, are attached. Approval c cant holds legal or equitable title to the applicant to conduct operations the	of this notice does not warra those rights in the subject	nt or Office		sirent		
Title 18 U.S.C. Sect	tion 1001, makes it a crime for an s or representations as to any matter w	y person knowingly and will	fully to make to any de	partmentor agency	of the Unit	ed States any f	false, fictitious or
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## J. C. GORDON D #3 SEC 23, T 27 N, R 10 W SAN JUAN COUNTY, NEW MEXICO

Formation:	Basin Dakota
Surface csg:	8-5/8", 24#, J-55, STC csg @ 355'. Cmt'd w/225 sx cl "A" w/2% CaCl ₂ .
	Circ cmt to surf.
Production csg:	4-1/2", 10.5#, J-55, STC csg @ 6,722'. DV tool @ 4,857'. Cmt'd 1st stg w/400 sx cl "C" w/6% gel w/2#/sx MTP. Tailed in w/100 sx cl "C" neat.
	Cmt'd 2nd stg w/1,100 sx cl "C" w/6% gel w/2#/sx MTP. Lost circ. Did not circ cmt.
Tbg:	113 jts 2-3/8", 4.7#, J-55, EUE, T&C, 8rd tbg. Landed tbg @ 3,515'. SN @ 3,482'.
Perf's:	DK: 6,526'-34' & 6,568'-74', 6,614'-30' & 6,640'-48' perfs shut off by CIBP @ 6,451'.
Current Status:	TA'd.
Work over reason:	Recomplete to Gallup.

- 1. MIRU PU. Check and record tubing, casing, and bradenhead pressures.
- 2. Blow well down and kill well w/fresh wtr.
- 3. ND WH. NU and pressure test BOP.
- TOH w/2-3/8" tbg. Inspect tbg for scale or corrosion. If scale is found, test for solubility in 15% HCl acid. If corrosion is found report depths & condition of corrosion. Replace corroded tbg.
- 5. MIRU WL. Run CBL log fr/6,451'-3,900'. Run CCL fr/6,451'-3,900'. RDMO WL.
- 6. PU & TIH 4-1/2" pkr & tbg. Press tst CIBP to 3,000 psig. Rel pkr & TOH to 5,800'. Set pkr. Press tst csg fr/5,800'-6,451' to 3,000 psig. Rel pkr.
- 7. Isolate csg lk. Est a rate into lk. Report findings to Loren Fothergill. A cmt sqz will be designed based upon findings.
- 8. Set pkr 500' above csg lk. Est rate into lk. Sqz csg lk. WOC 12 hrs.
- 9. PU 3-7/8" bit, bit sub, 4 DC's, XO & 2-3/8" tbg. DO cmt.
- 10. Circ wellbore clean to CIBP @ 6,451'. Press tst sqz to 500 psig.
- 11. If sqz holds, TOH w/tbg. LD DC's, bit & bit sub.
- 12. MIRU WL. Perf GP fr/6,042'-48' w/2 JSPF (6' net pay 12 0.34" holes). RDMO WL.
- TIH w/pkr & 2-3/8" tbg to 5,850'. Pmp 250 gals of 15% HCL to within 200' of EOT. Set pkr @ 5,850'.

Stage	BPM	Fluid	Fluid	Gel Conc	Prop	Prop
			Vol	Lb/mgal	_	Conc
			Gal			
Pad	8	YF 120 LG	6,000	20.0	Sand 20/40	0.0
1 PPA	8	YF 120 LG	2,000	20.0	Sand 20/40	1.0
2 PPA	8	YF 120 LG	2,000	20.0	Sand 20/40	2.0
3 PPA	8	YF 120 LG	3,333	20.0	Sand 20/40	3.0
Flush	8	2% KCl wtr	1,053	0		0.0
Total			14,358		16,000#	

14. BD & acidize perfs fr/6,042'-48'. Frac GP dwn tbg per frac scheduled.

- 15. Flw well back to clean up. TOH w/tbg & pkr if well dies.
- 16. If necessary, TIH w/2-3/8" tbg & bailer or air foam unit. CO fill to 6,200'. TOH w/tbg & bailer.
- 17. TIH & land tbg as follows: NC, SN, 189 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Land EOT @ ± 6,040'. If csg does not pass press tst, TIH & land tbg as follows: NC, SN, 49 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, Baker Model "A3" pkr & 140 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Set @ ± 4,500'.
- 18. ND BOP. NU WH. Swab well in, if required.
- 19. RDMO PU.
- 20. Report daily oil, wtr & gas vol's until production stabilizes.

WELL LOCATION AND ACREACE DEDICATION MLAT         1 API Number       2 Pool Ode       3 Pool Name       30-045-13044       02170       Angel Peak Gallup         4 Property Code       3 Property Name       9 Reget Peak Gallup       6 Well Number         1 C GOOTON D       6 Operator Name       9 Elevision         1 C GOOTON D       0 Operator Name       9 Elevision         1 C GOOTON D       0 Operator Name       9 Elevision         1 G7067       Cross Timber's Operating Company       6287' KB         * Surface Location       * Surface Location       * South       East/West link       County         * Bottom Hole Location If Different From Surface       * Bottom Hole Location If Different From Surface       County       San Juan         * Deducated Acres       * Joint or Infill       * Consolidation Code       * Order No.       30         * Deducated Acres       * Joint or Infill       * Consolidation Code       * Order No.       30         * Deducated Acres       * Joint or Infill       * Consolidation Code       * Order No.       30         * Deducated Acres       * Joint or Infill       * County Consolidation Code       * Order No.       30         * Deducated Acres       * Joint or Infill       * County	1 API Number       2 Pool Code       3 Fool Name         30:045:13044       02170       Angel Peak Gallup         4 Property Code       5 Property Name       6 Well         022614       J. C Gordon D       4         7 CORID No.       8 Operator Name       9 Elec         167067       Cross Timbers Operating Company       6287         UL or lot no.       Section         23       27 N       10 W       Peet from the North/South Line Feet from the Last/West Line       4         23       27 N       10 W       2270       South       1540       West S         12       27 N       10 W       Peet from the North/South Line Feet from the East/West Line       S         12       27 N       10 W       Peet from the North/South Line Feet from the East/West Line       S         12       20       Township Range       Lot. Idn Feet from the North/South Line Feet from the East/West Line       S         12       Dedicated Acres       130 int or Infill       *Consolidation Code       15 Ocder No.         20       NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       Intel Anne         15       9       PEE C E IN W E D       POTERATOR CERTIFIC	obbs, NM 88241-1980 , Artesia, NM 88210-2834 Rd., Aztec, NM 87410 Neco, Santa Fe, NM 87505	District II 811 S. 15t Street, Arto District III 1000 Rio Brazos Rd., District IV
30-045-13044       02170       Angel Peak Gallup         * Property Code       5 Property Name       6 Well Number         022614       J. C. Gordon D       #3         7 OCRIDNo.       8 Operator Name       9 Elevation         167067       Cross Timbers Operating Company       6287' KB         UL or lot no.       Section       Township       Range       Lot Idn         8 Operator Name       9 Surface Location       Feet from the       East/West link       County         8 Operator Name       1540       West       San Juan         10 W       27 N       Range       Lot Idn       Feet from the       North/South Link       Feet from the       East/West link       County         30 onto of Infill       Bottom Hole Location If Different From Surface       Worth/South Link       Feet from the       East/West link       County         320       NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOR       San Juan         320       NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOR       Neeby certify that the ultransity contained herein fine and complete to the kei of my blage and below         320       DIE C E I W E D       D       Signatur       Signatur         321       DIE C E I W E D       D	30-045-13044       02170       Angel Peak Gallup         4 Property Code       J. C Gordon D       #         022614       J. C Gordon D       #         10 Operator Name       9 Operation Name       9 Elector         167067       Cross Timbers Operating Company       6287         167067       10 W       Surface Location       Feet from the       East/West link         W Lor Iot no.       Section       Township       Range       Lot. Idn       Feet from the       East/West link       S         10 W       2270       Noth/South Link       Feet from the       East/West link       S         11 Bottom Hole Location If Different From Surface       UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       East/West link       S         12 Dedicated Acres       13 Joint or Infill       Mcconsolidation Code       19 Order No.       320         NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       "OPERATOR CERTIFIC         Image Intel A 1999         JUL 9 1992         Image Intel A 1999         JUL 9 1992         Image Intel A 1999		1 4
* Property Code       5 Property Name       6 Well Number         022614       J. C Gordon D       #3         7 CORD No.       8 Operator Name       9 Elevation         167067       Cross Timbers Operating Company       6287' KB         " Surface Location         UL or lot no.       Section       Township       Range       Lot Idn       Feet from the       North/South Lind       Feet from the       East/West line       County         K       23       27 N       10 W       10 W       2270       South       1540       West       San Juan         "Bottom Hole Location If Different From Strace         UL or lot no.       Section       Township       Range       Lot Idn       Feet from the       North/South Lind       Feet from the       East/West line       County         Bottom Hole Location If Different From Strace       UL or lot no.       Section       Township       Range       County         ''Deckated Acres       13 Joint or Infill       "Consolidation Code       15 Order No.       20       Pachogy cortight hat the information constained herein trace         ''Deckated Acres       13 Joint or Infill       ''Consolidation Code       15 Order No.       20       Pachogy cortight hatht end information constained herein trand complete to	* Property Code       5 Property Name       6 Well         022614       J. C. Gordon D       #         7 CORD No.       * Operator Name       9 Election         167067       Cross Timbers Operating Company       6287         ** Surface Location         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       South       1540       West       S         ** Surface Location         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       North/South Lind       Feet from the       East/West link       S         ************************************		
022614       J. C. Gordon D       #3         * Operator Name       * Elevation         167067       Cross Timber's Operating Company       6287' KB         * Surface Location       * Surface Location       6287' KB         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       North/South Line       Feet from the       East/West link       County         W       23       27 N       10 W       10 W       South       1540       Kest       San Juan         **       Bottom Hole Location If Different From Surface       **       UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       North/South Line       Feet from the       East/West link       County         **       Dedicated Acres       **       Joint or Infill       **       County       San Juan         **       Dedicated Acres       **       Joint or Infill       **       County       San Juan         **       Dedicated Acres       **       Joint or Infill       **       County       San Juan         **       Dedicated Acres       **       Joint or Infill       **       County       San Juan         **       Dedicated Acres	022614       J. C. Gordon D       #         * Operator Name       * Operator Name       * Election         167067       Cross Timbers Operating Company       6287         * Surface Location       *       Surface Location         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       South       East/West link       6287         * Bottom Hole Location If Different From Surface       *       West Sink       South       South       East/West Sink       South         ** Dedicated Acres       **       Bottom Hole Location If Different From Surface       South       South       East/West Sink       South         ** Dedicated Acres       **       Point or Infill       **Consolidation Code       ** Order No.       South       South       East/West Sink       South         **Dedicated Acres       **       Point or Infill       **Consolidation Code       ** Order No.       South		
7 OGRID No.       * Operator Name       * Elevation         167067       Cross Timbers Operating Company       6287' KB         10       Surface Location       *       6287' KB         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the from the North/South Line       Feet from the East/West line       County         11       Bottom Hole Location If Different From Surface       ************************************	7 OGRID No.       * Operator Name       * Elect         157067       Cross Timbers Operating Company       6287         10       Surface Location       10       8         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       North/South Line       Feet from the       East/West line       9         UL or lot no.       Section       Township       Range       Lot. Idn       Feet from the       North/South Line       Feet from the       East/West line       S         11       Bottorn Hole Location If Different From Surface       11       Bottorn Hole Location If Different From Surface         12       Dedicated Acres       13 Joint or Infill       *Consolidation Code       15 Order No.         320       NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       10         11       OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       11       POPERATOR CERTIFIC         11       Inc 4       1999       10       10       11         12       JUL       9       1999       13       Surgerstime the well conting on the set of my kingerstime and complete to the best of my kingerstime and complete to the best of my kingerstime and content sparsprestion, and line the mole contingerstime and sea	-	
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Date of Survey Signature and Seal of Professional Surveyer:	Signed by		

HOLD CTO4 FOR X/S

Form 3160-5 June 1990)	UNITED : DEPARTMENT OF BUREAU OF LAND	F THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
		<b>REPORTS ON WELLS</b> to deepen or reentry to a different r RMIT—" for such proposals	SF-077952 6. If Indian, Allottee or Tribe Name eservoir.
	SUBMIT IN T	TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well Well 2. Name of Operator	Other		8. Well Name and No. J.C. Gordon D #3 9. API Weil No.
3. Address and Telephone No.	<u>s Operating Company</u> ». Farmington, NM 87401	1505/632-5200	3004513044 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage	e, Sec., T., R., M., or Survey Descriptio		Dakota
4. Location of Well (Footage 2270' FSL &	e, Sec., T., R., M., or Survey Descriptio 1540' FWL, Sec. 23, 1	m) I27N, R10W, Unit Ltr K ) INDICATE NATURE OF NOTICE	11. County or Parish, State San Juan Cty, N.M.
4. Location of Well (Footage 2270' FSL & 1 12. CHECK A	e, Sec., T., R., M., or Survey Descriptio 1540' FWL, Sec. 23, 1	127N, R10W, Unit Ltr K	11. County or Parish, State San Juan Cty, N.M.
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4. Location of Well (Footage 2270' FSL & 1 12. CHECK A TYPE OF S X Notice of Subsequer	e, Sec., T., R., M., or Survey Descriptio 1540' FWL, Sec. 23, 1 APPROPRIATE BOX(S) TO SUBMISSION	127N, R10W, Unit Ltr K D INDICATE NATURE OF NOTICE TYPE OF Abandonment Recompletion	11. County or Parish, State San Juan Cty, N.M. E, REPORT, OR OTHER DATA F ACTION Change of Plans New Construction

Approved by Stane W. Spencer Title Conditions of approval, if any:		APR   7  998
(This spale for Federal or State office use)		
14. I hereby certify that the foregoing is true and correct (Jesse K. L Signed	awson) •Operations_Engineer	Date4/14/98
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		010 FIG.

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

*See instruction on Reverse Side

<u> </u>	1		
Form 3760-5		STATES	FORM APPROVED Budget Bureau No. 1004–0135
(June 1990)	DEPARTMENT O	F THE INTERIOR DECEIVED	Expires: March 31, 1993
	BUREAU OF LAN	F THE INTERIOR RECEIVED	5. Lease Designation and Serial No.
511	DRY NOTICES ANI	D REPORTS ON WELLS 3 PH 12: 1	SF-077952
Do not use this form to	br proposals to drill of	to deepen or reentry to a different res	servoir.
Use "/	APPLICATION FOR PE	RMIT-" for such proposals	NM (
		070 170 100	7. If Unit or CA, Agreement Designation
	SUBMIT IN	TRIPLICATE	
1	<u> </u>	<u></u>	·
1. Type of Well			
	Other		8. Well Name and No.
2. Name of Operator			J. C. Gordon D #3
Amoco Production	Company		9. API Well No.
3. Address and Telephone No.			3004513044
P. O. Box 800, De	Colonada (		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descript	ion)	Basin Dakota
			11. County or Parish, State
2270' FSL 1540'	FWL Section 2	23-T27N-R10W Unit K	San Juan County, New M
		onic R	Dan Suan County, New 1
12. CHECK APPF	ROPRIATE BOX(s) T	O INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBM	ISSION	TYPE OF	ACTION
<u> </u>			
Notice of Intent		Abandonment	Change of Plans
-		Recompletion	New Construction
X Subsequent Rep	ort	Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
Final Abandon	uent Notice	Altering Casing	Conversion to Injection
	ient Houce		rn i
		Other	(Note: Report results of multiple completion on Well
In answer to your tranferred operat January 1, 1998.	demand letter d orship of the ab	ated March 5, 1998, please be ove referenced well into Cros	e advised that Amoco has ss Timbers effective
If you have any q	uestions please	contact Gail Jefferson at (30	)3) 830-6157.
			DECENVER
			APR - 6 1300
			CIL COME SHA
14. I hereby certify that the foregoin Signed	Jefferson		
(This space for Federal or State	offike use)	· · · · · · · · · · · · · · · · · · ·	
Approved by	<u> </u>	Title	Date
Conditions of approval, if any:	1		
			ACCENTE FUR REUTEN
		ingly and willfully to make to any department or agency o	f the United States any false, fictitious or fraudulent stateme
or representations as to any matter w		*See Instruction on Reverse Side	APR 0 ; 1998
		AND THE RELEASE OF THE TRANSPORT	
		NAOCD	FARMINGTON DISTRICT OFFICE

FARMINGTON DISTRICT OFFICE

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Description: St Sec. 26; 42 Sec. 27; 544 Sec. 28; 42 Sec. 33; All Sec. 34; 42 Sec. 35 (2.1167:5-1-58)

<u>Reclassified as an Oil Pool (R-1357, 4:1-59)</u> <u>Ext. Sty Sec. 28 19 Sec. 29- Hil Sec. 32: 1/2 Sec. 33(R-1373, 5-1-59)</u> <u>S. My Sec. 28 (R-1489, 107-59)</u> Sty Sec. 19: <u>14</u> Sec. 29: <u>14 Sec. 30</u>(Striss) <u>Y. Sec. 19(R-1443, 59-61) - NG& Sec. 19(R-202, 11-1-61)</u>

Ext: All Sec 36 (R= 5339, 2-1-77)

Ext: All Sec. 22, 1/2 Sec. 27 (R -2046, 8-6-82) = Ext: NEA and N/2 NOG Sec. 28 (R-8273, 8-6-86) = Ext: SE/4 Sec. 30, 5/2 Sec. 31 (R-9667, 5-6-92) Ext: 10/2 Sec. 30, 1/2 Sec. 31 CR-9801, 12-16-92) Ext: 14 Sec. 29 (R-10344, 4-24-95) = Ext: All Secs. 40 grod 21 (R-10557, 3-11-96) District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 RioBrazos Rd., Aztec, NM 87410 District IV

District IV 2040 South Pacheco, Santa Fe, NM 87505

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Previous Operator Signature

1000

## State of New Mexico Engery, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form CF04 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

AMENDED REPORT

I.	R	EQUES'	T FOR A	LLOWA	BLE A	ND A	UTHOR	IZAT	ION	TO TR	ANSP	ORT	
		¹ Op	erator name a	und Address							² OGRID		ſ
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Gail Jefferson

Printed Name

Senior Administrative Staff Assistant

Title

12/01/97

Date

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	r technical questions contact St	eve Webb at (303) 830-4206		07	97 F
Amoco Produc	tion Company requests permiss	ion to plug and abandon this	well per the attached	procedures.	
	pleted Operations (Clearly state all pertinent de measured and true vertical depths for all mark		Recompletion Report		
Final Abandonment I	Notice	Altering Casing Other	Conve	ersion to Injection se Water	m Wall Completion a-
Notice of Intent		Abandonment Recompletion Plugging Back Casing Repair	New C	e of Plans Construction outine Fracturing Shut-Off	
TYPE OF SUBMI	SSION	T		<u> </u>	
	APPROPRIATE BOX(s) T	D INDICATE NATURE O	F NOTICE , REPOI	RT, OR OTHER	DATA
2270' FSL	1540' FWL Sec.	23 T 27N R 10W	UNIT K	San Juan	New Mexi
Location of Well (Footage,	Sec., T., R., M., or Survey Description)		11.0	Basin C County or Parish, State	Jakota
	ENVER, COLORADO 80201	303-830-52	217 10. F	30045' ield and Pool, or Explorate	pry Area
AMOCO PRODU	CTION COMPANY	Pat Archuleta	9. AF	7 Well No.	12044
Oil Gas Well Well Name of Operator	Other	Attention:	8. We	ell Name and No. J. C. Gordon	D #
. Type of Well					
	Use "APPLICATION FOR PERMI	T - " for such proposals		Unit or CA, Agreement D	<u> </u>
	form for proposals to drill or to de		eservoir. 6. If I	SF-077	
	NDRY NOTICES AND R		( 5. Lea	ese Designation and Serial	No.
	BUREAU OF LAND N			Expires: Mar	No. 1004-0135 ch 31, 1993

MMOCD

# J.C. Gordon D #3 Orig. Comp. 9/64 TD = 6772' PBTD = 6685' Page 2 of 2

- 1. Check location for anchors. Install if necessary. Test anchors.
- 2. MIRUSU. Blow down well. Kill if necessary with 2% KCL. NDWH. NUBOP.
- 3. TIH x spot cement plug 100' + 50% excess across GP top at 5618'.
- 4. POOH with 2 3/8" tbg. RIH with tbg and cement retainer. Set retainer at 3590'. Test casing integrity to 500#. Squeeze casing leak from 3640 to 4700' with 75 sxs cement. Pull out of retainer and spot 50' of cement on top.
- 5. TOOH w/ tubing. RU and run short string CBL from 3540' to surface.
- 6. Based on CBL results, assure cement isolation inside and outside of casing (100' + 50% excess) across the following zone tops:

Ojo Alamo: no log, depth from BLM Fruitland: no log, depth from BLM Pictured Cliffs: 2095'

- 7. Spot surface plug from 355' to surface. Cut off casing. Install PxA marker.
- 8. RDMOSU.
- 9. Turn well over to John Schwarz for reclamation.



#### WELLDATA

API # 20045 13044 WELL FLAC 936687 LSE: SF-077952 GAS PURCHASER - EPNG GMETER # 73970 ARC WII = 62.570 7 RESCURE HISTORY SICP / SITP 10/64 1992/ 1992 1/89 617/617 1/89 536

	· · ·	
Form 3160-5	UNITED STATES	
(June 1990)		Budget Bureau No. 1004-0135
	TMENT OF THE INTERIOR	Expires: March 31, 1993
BUREA	U OF LAND MANAGEMENT	
	D OF LAND MANAGEMENT RECEIVED	5. Lease Designation and Serial No.
SUNDRY NO	TICES AND REPORTS ON WELLS	6. Lease Designation and Senai No.
		SF-077952
Do not use this form for prope	osals to drill or to deepen or reentry to a different reservoid: 07 ATION FOR PERMIT - " for such progsale? -6 An 10: 07	6. If Indian, Allottes or Tribe Name
Use "APPLICA	ATION FOR PERMIT - " for such proposale P -0	
	070 FARMINGTON, NM	7. If Unit or CA, Agreement Designation
	U/U I FUIIIII FU	
	an a	
1. Type of Well		
Oil Well Well Other		8. Well Name and No.
2. Name of Operator	Attention:	J. C. Gordon D #3
Amoco Production Company	Gail M. Jefferson, Rm1295C	9. API Well No.
3, Address and Telephone No.		3004513044
P.O. Box 800, Denver, Colorado	80201	
P.O. Box 800, Deliver, Colorado	· 80201	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or	Survey Description)	Basin Dakota
		11. County or Parish, State
2270FSL 1540FWL	Sec. 23 T 27N R 10W Unit K	
		San Juan New Mexico
	ATE DOVIEN TO INDICATE NATURE OF NOTICE	
12. CHECK APPROPRIA	ATE BOX(s) TO INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
		Change of Plans
Notice of Intent	Recompletion	
	Plugging Back	New Construction
Subsequent Report		
	Altering Casing	Water Shut-Off
Final Abandonment Notice	Other T/A	Conversion to Injection
		J Dispose Water port results of multiple completion on Well Completion or
		tion Report and Log form. )
	Clearly state all pertinent details, and give pertinent dates, including estimated date of startin	ng any proposed work . If well is directionally drilled, give
subsurface locations and measured and true v	vertical depths for all markers and zones pertinent to this work.}*	
This well has been temporari	ly abandoned per the attached.	
If you have any technical que:	stions please contact Steve Webb at (303) 830-4206 or Gai	I Jefferson for any administrative
concerns.		
		· · ·
		DECEIVED
		SEP 1 3 1995
		OIL CON. DIV.
	NOV 0 1 199	Dist, 3
	THIS APPROVAL EXPIRES	
14. I hereby certify that the foregoing is true and c	prrect	
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Signed <u>Hail UI.</u> (This space for Federal or State office use)	//accurat/	Date
Signed Hail U. J	ffersm	Date
Signed <u>Hail UI.</u> (This space for Federal or State office use) Approved by <u>Conditions of approval, if any:</u>	ffersm Title Sr. Admin. Sta	Date
Signed <u>Vail UI</u> . (This space for Federal or State office use) Approved by Conditions of approval, if any: Title 18 U.S.C. Section 1001, makes it a crime for	Jerson       Title       Sr. Admin. Sta         Title       Title         any person knowingly and willfully to make to any department or agency of the United Sta	Date
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See	Instructions	on	Reverse	S
	NMOCD			

Genundper

J. C. Gordon D #3 - Repair - Subsequent September 4, 1996

MIRUSU 7/25/96.

Ran 1 1.901" gauge ring to 6503' prior to setting plug.

Had to pull slick line plug @ 6485' to fish stuck in the string. Had paraffin plug in the the string with hot water and recover tools and the the plug, commenced free point and back off well.

Had scale sticking tbg from 4078' to 4700'. Jarred free and TOH. Made scraper runs to top of fish and to 6630' tagging fill. Worked scraper thru scaled casing at 4065' to 4075' and 4606' to 4610'. Cleaned out sand at bottom.

Shut in for 16 hrs. SICP 55#, SIBH 5#. Observed direct communication between bradenhead and casing on blow downs and pumping. Recovered 161 bw. Circulating hole.

Swabbed dry no flow. SI for 1 hr. SITP 105# SI for 15 hrs SITP 320#. Made 1 swab run recovered 3 bbls water flowing on 1/4" choke. 72 hrs initial flow rate of 48 mcf. Final FTP 4# and 27 mcf, no fluid.

Notified Wayne Townsend of BLM on 8/5 of stuck tbg scale buildup and reaming communication with bradenhead and large amounts of fluid influx as to a casing leak and low rate flow from Daketa formation. Got permission to abandon Dakota formation with CIBP set @ 6451' and 50' of cmt or 5 sxs on top of CIBP to prevent cross flow while evaluating for permanent P&A of wellbore.

Laid down mud anchor and perf sub and 97 jts of tbg above suspected Cliffhouse casing leak and ran back with SN laded at 3482' and mule shoe end at 3515'. New PBTD 6401'.

RDMOSU 8/6/96

orm 3160-5	UNITED STATES	FORM APPROVED
	ARTMENT OF THE INTERIOR	Budget Bureau No. 1004-0135
		Expires: March 31, 1993
BURE	AU OF LAND MANAGEMENT RECEIVED	V
		5. Lease Designation and Serial No.
	OTICES AND REPORTS ON WELLS	. SF-077952
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	8 52 070 FARMINGTON	7. If Unit or CA, Agreement Designation
The state of the s	0/0 1/4 hhave /	
. Type of Well		
		B. Well Name and No.
. Name of Operator	Attention:	J. C. Gordon D #3
Amoco Production Company	Gail M. Jefferson, Rm1	295C 9. API Well No.
Address and Telephone No.		3004513044
P.O. Box 800, Denver, Colora	ido 80201	10. Field and Pool, or Exploratory Area
Location of Well (Footage, Sec., T., R., M.,	or Survey Description)	Basin Dakota
		11. County or Parish, State
2270FSL 1540FW	VL Sec. 23 T 27N R 10W Unit H	San Juan New Mex
2. CHECK APPROPI	RIATE BOX(S) TO INDICATE NATURE OF NO	OTICE , REPORT, OR OTHER DATA
TYPE OF SUBMISSION		F ACTION
N71	Abandonment	Change of Plans
	Recompletion	New Construction
	Plugging Back	Non-Routine Fracturing
Subsequent Report	Casing Repair	Water Shut-Off
	Altering Casing	Conversion to Injection
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J.C. Gordon D #3 Orig. Comp. 10/64 TD = 6722', PBTD = 6685' Elevations: GL = 6275', KB=6287' Page 2 of 2

- 1. Set CIBP approximately 50' above perforated interval and cap with cement.
- 2. TIH x land tubing above casing leak. Load hole w/ inhibited fluid.
- 3. ND BOP. NU wellhead. RDMOSU.
- 4. TxA well pending further evaluation.
- Note: Rigged up on well to perform routine tubing change out. Found substantial casing leak in MV interval. From exterior of tubing and pump in data, determined that casing is severely corroded across majority of MV interval. Decided to TxA well by setting CIBP above DK to protect producing horizon. Cap CIBP w/ cement. TxA pending further evaluation to repair, sidetrack, replace, or abandon the well.



Form 371 1 86

		<b>ONSERVA</b>	ral Resources Depar TION DIVISI	ON	RECEIVED	ак рокони - -	1-89	
P.O. Drawer DD, Anesia, NM 88210 DISTRICT III	Sai	P.O. Bo nta Fe, New Me	xico 87504-2088	<b>'</b> 90 Au	G 22 AM	10 57		
1000 Rio Brazos Rd., Aztec, NM 87410			LE AND AUTHO AND NATURAL		ſ			
Operator AMOCO PRODUCTION COMPAN				Well A	PI No. 451304400	·		
Address P.O. BOX 800, DENVER,	COLORADO 8020	1						
Reason(s) for Filing (Check proper box)         New Well         Recompletion         Change in Operator         If change of operator give name	Change in Oil	Transporter of: Dry Gas Condensate X	Other (Please e	xplain)				
and address of previous operator								
Lease Name J C GORDON D	Well No.	Pool Name, Includin BASIN DAKO	ng Formation DTA <del>(PRORATED</del>	GAS) Kind ( State,	of Lease Rederal or Fee	Leas	e No.	
Location K Unit LetterK	2270 1	Feet From The	FSL Line and	1540 Fe	et From The	FWL	Line	
Section 23 Township	27N	Range 10W	, NMPM,	SAN	JUAN		County	
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil MERIDIAN OIL INC. Name of Authorized Transporter of Casing EL PASO NATURAL GAS CO If well produces oil or liquids, uve location of tanks.	or Conder		Address (Give address to 3535 EAST 30 Address (Give address to P.O. BOX 149 Is gas actually connected	TH_STREET o which approved 2, EL_PAS(	FARMINGT copy of this form , TX 799	ON, CO is to be sent)	87401	
If this production is commingled with that f	from any other lease or	pool, give comming!	ing order number:					
IV. COMPLETION DATA	Oil Well	Gas Well	New Well   Workove	r Deepen	Plug Back Sa	me Res'v	Diff Res'v	
Designate Type of Completion	- (X) Date Compl. Ready to	i	Total Depth		P.B.T.D.	i		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Fo	·-···	Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing S	ihoe	<u></u> .	
	TUBING.	CASING AND	CEMENTING REC	ORD				
HOLE SIZE	CASING & TU		DEPTH S		SA	CKS CEMEN	IT	
V. TEST DATA AND REQUES	T FOR ALLOW	ARLE	· · · · · · · · · · · · · · · · · · ·					
	ecovery of total volume	•	be equal to or exceed top Producing Method (Flow			full 24 hours.	)	
	Date of Test			•, pump, gas iyi, i				
Length of Test	Tubing Pressure		Casing Pressure	•	Choke Size			
Actual Prod. During Test	Oil - Bbls.		Wald DD In E C I		Cas- MCF			
GAS WELL Actual Prod. Test - MCF/D	Length of Test	<u> </u>	Bbis. Condensite/MIMC	5 1990	Gravity of Con	densate		
Pesting Method (pitot, back pr.)	Tubing Pressure (Shu	(-in)	Casing Pressure (Sinu-In	N. DIV. T. 3	Choke Size		<b></b>	
VI. OPERATOR CERTIFIC				ONSERV				
I hereby certify that the rules and regula Division have been complied with and is true and complete to the best of my b	that the information giv				JUL	5 1990	N	
D. P. May			Date Appro				/	
Signature Doug W. Whaley, Staf Printed Name	ff Admin. Sup	ervisor Tide			PERVISOR	DISTRIC	T #3	
June 25, 1990		830-4280	Title		· · · · · · · · · · · · · · · · · · ·			
INSTRUCTIONS: This form	n is to be filed in c	ompliance with I	Rule 1104					

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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.

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.

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•	( <u> </u>		
STATE OF NEW MEXICO ENERGY AND MINEPALS CEPARTMENT			
			Parm C-104 Revised 10-01-78
DISTRIBUTION SANTA PE	-	ATION DIVISION	Format (6-01-33 ***********************************
P168   1		W MEXICO 37501	
LAND OFFICE			
OPERATOR .		NR ALLOWABLE	
PROGATION OFFICE 1	AUTHORIZATION TO TRANS	PORT OIL AND NATURAL GAS	
Amoco Production Compan	<u>y</u>		
501 Airport Drive Farm	ington, NM 87401		
Reeson(s) for filing (Check proper bas)		Ciher (Please espiain)	······································
New Well Recompletion	Change in Transporter of:	ry Gan	· "
Change in Generatio	Casingheed Gas 🛛 C	andensate	
If change of ownership give name and address of previous owner			· · ·
II. DESCRIPTION OF WELL AND			
Lease Name J.C. Gordon D	3 Basin Dakota		erat or For Federal SF
Location			
Unit Letter K : 2270	<u>D</u> Feer From The <u>South</u> Lir	ne and540Feet Fre	in the West
Line at Section 23 Towner	his 27N Range /	OW, MAPA, Sor	Juan Country
III. DESIGNATION OF TRANSPOR			
	RTER OF OIL AND NATURAL	<u>. GAS</u>	
Name at Authorized Transporter of Cti	Parasian ("" 0 (1 /0")		proved copy of this form is to be sent; ington, NM 87499
Name of Authorized Transporter at Cit Permian Corp. Name of Authorized Transporter of Casing El Paso Natural Gas Com	or Condensate & Phyrasian ("" 0 ( 1 / 07) nead Gas ar Dry Gas &	Address (Give address to which ap P. O. Box 1702 Farm Address (Give address to which ap	
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eeson(s) for filing (Check proper box)		Ciher (Ple	ase explain)	
New Well	Change in Transporter of:			
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NOTE: Complete Parts IV and V on reverse side if necessary.

#### VI. CERTIFICATE OF COMPLIANCE

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

RDShan	
(Signature)	-
Admin. Supervisor	
(Tille) 1-2-85	_
OIL CON. DIV. DIST. 3	

OIL CONSERVATIO	N DIVISION
APPROVED	INN 13 1985
BY	M.C.
	SUPERVISOR DISCOLOT VE 3

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

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

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

Fill out only Sections 1. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

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

. . . . . . . .

STATE OF HEM HAEY (CA)	.1	•	
TERSY AND MINELIALS DEPARTMENT		ATION DIVISION	Form the state of the Revelopment of the second state of the secon
BUTTAIRUSION		98.2088 	
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PALE	1		مەرىپى مەر
LEND OFFICE	REQUEST FO	RALLOWABLE	
TRALLPORTEN OIL		ND	
DPELLYDA PRCAATION OFFICE	AUTHORIZATION TO TRANS	PORT OIL AND NATURAL GAS	•
Cression			
Amoco Production Com	pany	· · · · · · · · · · · · · · · · · · ·	
Asseron			
501 Airport Drive, Fa			
New Soll	Change in Transporter of:	Other (Please explain)	
Becompletion		os .	
Change in Ownership			· · · ·
If change of ownership give name and address of previous owner			
			na ta der den anges for a de Bautharden berge sonderen bereine standen (namer i
. DESCRIPTION OF WELL ANI	Well No. Pool Name, Including I	formation Kind of Leas	
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Localos	J J Dasin Dakota		jor of the rederad.
Unit Letter K : 22	70 Feel From The South 1	ne and 1540 Feet From	The West
Char Letter ·	I Company Peter Form Find DOUCLES C.	110 CIT 1340	108 1100
Line of Section 23 T	ownship 27N Range 1	OW , NMPM,	San Juan Co
			,
L DESIGNATION OF TRANSPOL Nerve of Authorized Transporter of O	TER OF OIL AND NATURAL G	AS Add:oss (Give address to which appro	und copy of this form is to be seen
Plateau, Inc.		P.O. Box 489, Bloomfi	•
Marr EL PASO' NATURAL" BAS' COMPA	nghead Gas 📄 or Dry Gas 🔀	Address (Give address to which appro	
P G BOX 990			
LI	Unit Sec. Twp. Rge.	Is gas actually connected? Wh	en
Give Jocation of lance.	<u>K</u> 23 27N 10W	·	
	ith that from any other lease or pool,	give commingling order number:	a a construction of the second s
COMPLETION DATA	Oli Well Gas Well	New Well Workover Deepen	Plug Back Same Husty, Diff.
Designate Type of Complet	ion - (X)		
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	·		
Eleverions (D) 3, RT, GR, etc.;	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
Performine	·	.l	Depth Casing Shoe
	TUBING, CASING, AN	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
			**
. TEST DATA AND REQUEST I	FOR ALLOWABY E (Test must be a	fer secovery of totel volume of load oll	and must be equal to be exceed to:
CIL #ELL	able for this de	pth or de for full 24 hours)	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Fiow, pump, gas li	ft, etc.)
Length of Test	Tubing Pressure	Casing Presewe	bahar. Bit.E M
Landra pr 1000		B E C	ET A P
Actual Prod. During Test	Oli-Bbis.	Water-Bbls.	Gos · MCF
			0291983
		54	CON. DIV.
GAS WELL Actual Prod. Tout-MCF/D	Longth of Test	Bble. Condensute/MMCF OIL	CON. DI
			DIST & Condensale
Teeting weihod (pitoi, back pr.)	Tubing Presswe (Shut-in )	Cosing Pressure ( Sbut-in )	Chok. Size
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CERTIFICATE OF COMPLIA	NCE	OIL CONSERVA	TION DIVISION
			11010 011010101 113
	regulations of the Oil Conservation	APINOVED T	. 19
	th and that the information given he beat of my knowledge and belief.	By Drank . Lave	
	•**	TITLE Soldi Han Blankin is a	)
	<u>, , , , , , , , , , , , , , , , , , , </u>		compliance with Nut. 1. 1164,
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	Ingimel	well, this form must be account	aniance with NULE to the
District Administ		All soutions of this form of	acel to filled out entry to wolly.
• • •	Title)	3 <b>1</b>	the second with the state of the second seco
September 28, 198	(()nte)	Fill out only Southous 1, well name or number, or teensp Commute, Formal C-104, 00	upt he liked for parts your in
		a propher work working	

Ē	GATE OF NEW MEXICO HERGY AND MILLEBALS DEPARTMENT COSTAINATION	P. O. H	ATION DIVISIC Iox 2088 W MEXICO 87501	N	Form C-1 Revised	
1	TILP U.S.U.S. LAND OFFICE TRANSPORTER GAS OPERATOR PROMATION OFFICE	REQUEST F	OR ALLOWABLE AND	RAL GAS		
	Amoco Production Compa	0				
	501 Airport Drive, Far Reason(s) for filing (Check proper bo New Well Recompletion Change in Ownership	Change in Transporter of: Oil Dry (	Gas D Iensate X	explain)		
	If change of ownership give name			<u></u>		
n	and address of previous owner	I FACE	· · · · · · · · · · · · · · · · · · ·			
	Lease Name J. C. Gordon "D"	Well No. Pool Name, Including		Kind of Leas	• al or Foo Federal	Lease
	Location				Federal	SF-07
	Unit Letter <u>K</u> : 22	270Feet From TheSouthL	ine and <u>1540</u>	_ Feet From '	The West	
	Line of Section 23 To	wnship 27N Range		·	San Juan	Cou
Ш	DESIGNATION OF TRANSPOR		AS Address (Give address to	which appro-	ved copy of this form is t	o be sentj
	Giant Industries, Inc. Name of Authorized Transporter of Co		P.O. Box 256, Address (Give address to	Farmingt	on. NM 87401	- he eret!
	El Paso Natural Gas Co		P.O. 990, Farm			g de sentj
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. K 23 27N IOW	ls gas actually connected	d? įWho I	en	
IV	If this production is commingled way. COMPLETION DATA	th that from any other lease or pool,	, give commingling order	number:		
1.	Designate Type of Completi	on - (X)	New Well Workover	Deepen	Plug Back Same Res	v. Diff. R
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	<u> </u>	P.B.T.D.	
	Elevations (DF, RKB, RT, GR, etc.;	Name of Producing Formation	Top Oil/Gas Pay		Tubing Depth	
	Perforations				Depth Casing Shoe	
		TUBING CASING AN	D CEMENTING RECORD	·		
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SE		SACKS CEM	ENT
					· · · · · · · · · · · · · · · · · · ·	
v.	TEST DATA AND REQUEST F OIL WELL	OR ALLOWABLE (Test must be a able for this da Date of Test	fier recovery of total volum epth or be for full 24 hours) Producing Method (Flow,	_	· · ·	xceed top (
	Length of Test	Tubing Pressure	Casing Pressure P		Choke Size	
!			13 ACHIN	En 1		
	Actual Prod. During Test	Oli-Bbla.	Water - Bbi Allina	0 1981	Gas - MCF	
!	GAS WELL		1 0C1 0	0 15- N. COM		
	Actual Prod. Tost-MCF/D	Length of Test	Bble. Congen CI ONMCF	JIST.	Gravity of Condensate	
	Teeling Method (pilol, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shutes	and the second second	Choke Size	
VI.	CERTIFICATE OF COMPLIANO	CE	OIL CO	NSERVATI	I ION DIVISION	
	I hereby certify that the rules and r	egulations of the Oll Conservation	APPROVED		<u> </u>	1981
	Division have been complied with above in true and complete to the	and that the information given	BYleft	<u>a Ed</u>	lmister	
:		20001	TITLE	for	SUPERVISOR D	STRI 1
	J.	Sooboda			mpliance with RULE	
-	(Signa		If this is a reques well, this form must b tests taken on the we	accompani	ble for a newly drilled led by a tabulation of ance with NULE 111.	the devis
-	(Tit)			is form must	t be filled out complet	ely for al
-	10-30-8 ///uu		1 · · · ·	tions I, II.	III, and VI for chang	

Form 23-55(1-56)

#### OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

#### AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE ____ February 5, 1965

ก ในกับที่

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

		23-27-10
J. C. Gordon D #3	WELL UNIT	S-T-R
Resin Dakota POOL	R1 Paco Natural NAME OF 1	Gea Company URCHASER
S MADE ON	, FIRST DELIVERY	ebruary 3, 1965
INITIAL POTENTIAL	El Peso Natura	1. Gas Company
	EL Paso Matura	
	0	
×.		Signed By W. M. Rodger
	Origina REPRESENTATIVE	Signed By W. M. Rodger
•		Signed By W. M. Rodger

OIL CONSERVATION COMMISSION - SANTA FE F. N. WOODRUFF - EL PASO

FILE

			•	
Form 9–331	UNITED ST	ATES	SUBMIT IN TRIPLICAT	Form approved.
(May 1963)	DEPARTMENT OF TH			re- <u>Budget Bureau No. 42-Ref 24</u> <u>5. LEASE DESIGNATION AND SERIAL NO.</u>
	GEOLOGICAL			SF-077952
			NA/E1 1 90	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	DRY NOTICES AND F			
	orm for proposals to drill or to o Use "APPLICATION FOR PERMI	IT—" for such propos	als.)	
				7. UNIT AGREEMENT NAME
	OTHER			
NAME OF OPERATOR		••		8. FARM OR LEASE NAME
ADDRESS OF OPERATOR	ETROLEUM CORPORATIO	N	·	J. C. Gordon "D"
	Farmington, New Me	rina		9. WELL NO.
LOCATION OF WELL (Re	port location clearly and in accor	dance with any Stat	e requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below At surface 2270	SL and 1540 FML			Basin Dakota
	and define and a read			11. SEC., T., R., M., OR BLK. AND
				NE/4 SW/4 Section 23,
				T-27-N, R-10-H
4. PERMIT NO.	15. ELEVATIONS (	Show whether DF, RT,	GR, etc.)	12. COUNTY OR PARISH 13. STATE
		6287 (RDB)	)	San Juan New Mexic
3.	Check Appropriate Box 1	To Indicate Natu	re of Notice Report o	r Other Data
No	TICE OF INTENTION TO :			SEQUENT REPORT OF
M			808:	
TEST WATER SHUT-OFF	PULL OR ALTER CAS	ING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLET	E	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	CHANGE PLANS		SHOOTING OR ACIDIZING	aBANDONMENT*
REPAIR WELL (Other)	CHANGE PLANS		(Note: Report res	ults of multiple completion on Well
	CONDI FTED OPERATIONS (Clearly s	tata all nortinent da		mpletion Report and Log form.) tes, including estimated date of starting an
his is to repor	t the following Pot	ential Test:		
-	-			이 이 공연한 제에 봐야 좋지?
otential test O	etober 19, 1964. 7	lowed 5970 M	CFPD through 3/4	" choke after 3 hours flow
bsolute open fl	ow potential 7875 M	CFPD. Shart	in casing pressu	re after 7 days 1892 psig.
				의 전 전 중 수가 드로 가운 것 이 이 이 것 같은 것 같은 것 같이 하는 것
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				) 1964 - Charles 🖉 🖉 🚛 🖓
				NOV 3 1 17 1
			U. S. GEOLOGICA	L SUBURY A STORE
			Construction of the second	
3. I hereby certify that t	he foregoing is true and correct			
8. I hereby certify that t	RIGINAL SIGNED BY	بر السالين	datasti	
SIGNED	A. R. TURNING	TITLE ACTELL	dstrative Clerk	DATE November 2, 196
(This space for Federa	l or State office use)	*···		
		MT017		
APPROVED BY CONDITIONS OF APP	ROVAL, IF ANY:	TITLE	······	DATE
				the second se

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· .				بى د		· . • <b>3</b>	10-1	
NUMBER OF COPIES RECEIVED	5		NEW MEX		CON	ERVAT	TION COMMISSION	FORM C-1
FILE	SANTA FL, TEH MEXICO							
TRANSPORTER OIL CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TRANSPORT OIL AND NATURAL GAS								
PRORATION OFFICE						H		
Company or Operator		FILE THE	ORIGINAL	-	-1		Lease	Well No.
PAN AMERICAN PE	TROLEUM	CORPORATION	i			<b>19.</b>	J. C. Gordon "D"	3
Unit Letter K	Section 23	Township T-27-N		Range	R-10-	W	County San Juz	an
Pool		n Dakota		<u> </u>	<u></u>		Kind of Lease (State, Fed, Fee)	
If well produc		······	Unit Let	ter		Section	Federal Township	Range
	cation of tank			K	Address	23	Idress to which approved copy of	R-10-W
Authorized transporter of	oil 🚺 or c	ondensate X				~ -	እርብ ፑርኖ	2-1-71.
Plateau, Inc.					Fa	o. Bo	ton Now MPan Americ	an Petro. Corp.
		ls Gas A	Actually C	Connecte				PROD. CO.
Authorized transporter of	casing head	gas 🔲 or dry gas	Date	e Con-	Addres	s (give ad	ldress to which approved copy of a	
					1		ox 990	
El Paso Natura If gas is not being sold, g						rming	ton, New Mexico	
i i gas is not being sold, g	give reasons a	nu also explain it	s present u	50031404.				
								•
		DEAS		EILING	(-1	- <b>b</b> - <b>a</b> b -		
	New Well						oroper box) ership	
	Change in Tr	ansporter (check of	ne)		·	(explain)		
		adgas. 🗂 Con						•
			uuensate					
								and the second
							and the second sec	
Remarks								
Well com	pleted O	ctober 12,	1964 as	Basin	n Dako	ta Fie	eld Well.	
The undersigned certifi	ies that the	Rules and Regul	ations of t	he Oil Co	nservat	ion Comr	mission have been complied wi	ith.
	Executed	this the 14th	day of	<u> </u>	tober		, 1964.	
011.0	ONSERVAT	ION COMMISSIO	N		By	Si i	1 )	i
Approved by	1		17,	1	Title	7. K.M.	- Innall-	·
lert	/ *	endi	ick	2		dminis	strative Clerk	
Title	1				Compa	ny	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
- OCTOOLEUM	ENGINEE	R DIST NO.	3		P	AN AMI	ERICAN PETROLEUM CORI	PORATICN
Date					Addres	s		
OCT 1 9 1964	10.1	9-1.4			P	• 0. i	Box 480, Farmington,	New Mexico

HUMBEN OF COPS			NFW MEXIC	OIL CONS	ERVATIO	ame o Ma	AISSION	(Form C-104) Revised 7/1/47
U.S.G.S.	OIL		REQUEST I	FOR HEAL	GAS)	ALL	VAPLE	
TRANSPORTER PROBATION OFFICE OPERATOR	GA3			4 <u>1</u> 0	23			New Well
Form C-104 able will be month of ce	is to be sub assigned eff ompletion o	mitted in <b>(</b> ective 7:00 r recomple	by the operator before an QUADRUPLICATE to A.M. on date of comp tion The completion of the reported on 15.025	the same Distripletion or recom date shall be the	ct.Office to w ophetion, provi at date in the o	hich Form ( ded this for	C-101 was s m is filed o	ent. The allow- during calendar
			·		on, New Me	xico	Octobe	r 14, 1964 (Date)
		-	NG AN ALLOWABLE					
(Cor	npany or Ope	erator)	,	case)		-		
Unit Lot	, Sec.		, T. –27–N , R –	10-W, NMPI	<b>M</b> ., <u>Ba</u>	sin Dako	ta	Pool
	San Juan e indicate k		Elevation 628	ed 9-14-6 7 (RDB)	Total Septh_	Drilling Co 6722	pleted PBTD	9 <b>-</b> 25-64 6685
·····			Top XXX Gas Pay 6				akota	
			PRODUCING INTERVAL -	6614–6630 6526–6534	and 6640-6 and 6568-6	648 with 574 with	2 shots 3 shots	per foot per foot
EJ	F G	H	Open HoleNot		Depth	ويتبارك كالمعاري	Depth	/ = = 0
	K J	I	OIL WELL TEST -					
			Natural Prod. Test:	bbls.oil	, <u> </u> bb	ls water in	hrs,	Choke min. Size
M	0	P	Test After Acid or Fr					Choke
			GAS WELL TEST -					
			Natural Prod. Test:				Choke	Size
Tubing ,Casi Sire	ng and cemei Feet	SAX	d Method of Testing (pi Test After Acid or Fr					
8-5/8	345	225	Choke Size 3/4" M				Day; Hours	flowed5
4-1/2		1600	Acid or Fracture Treat sand): 73.038 gall	tment (Give amour ons water a	nts of material nd 60,000	ls used, such pounds sa	as acid, w	ater, oil, and
2-3/8	6575		Casing Tubin Press. 1025 Pres	······································				
			Oil Transporter P					
ļļ			Gas Transporter El					
			tober 12, 1964 as					viation
Survey at	vacneu.							
OII	CONSER	t the infor 1964. VATION	commission given above is	true and comple PAN AM	ete to the best ERICAN PEI	of my know ROLEUM (X mpany or Op	ledge.) DRPORATI erator) MLN	1.0.1004
By:			/		ministrati Send Commu	inications re	garding we	11
Title Super	wisor Dist.	# <b>.3</b>		Nameī	. O. Speer	, Jr.		

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	Nam

Addrew P. C. Box 480. Farmington. New Mexico

# TABULATION OF DEVIATION TEST PAN AMERICAN PETROLEUM CORPORATION

23

	J.	с.	GORDON	nDu	NO.	3
DEPTH					D	EVIATION
355' 755' 1273' 1678' 2095' 2495' 2495' 2910' 3118' 3398' 3768' 4140' 4540' 5192' 5592' 5888'						$3/4^{\circ}$ $3/4^{\circ}$ $1-3/4^{\circ}$ $1-1/4^{\circ}$ $1 - 1/4^{\circ}$ $1 - 1/4^{\circ}$ $1/2^{\circ}$ $3/4^{\circ}$ $3/4^{\circ}$ $3/4^{\circ}$ $3/4^{\circ}$ $1/2^{\circ}$
6330 <b>'</b>						/ ~-

# AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S J. C. Gordon "D" No. 3, Basin Dakota Field, located in the NE/4 SW/4 of Section 23, T-27-N, R-10-W, San Juan County, New Mexico.

Signed 7. 17 Hallingworth Petroleum Engineer

THE STATE OF NEW MEXICO) SS. COUNTY OF SAN JUAN

peared <u>F. H. Hollingsworth</u> known to me to be <u>Petroleum</u> Engineer for Pan American Petroleum Computition BEFORE ME, the undersigned authority, on this day personally apfor Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 14th day of October , 1964.

Notary Public

My Commission Expires February 27, 1965.

### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 5813 Order No. R-5353

Also see R-5353-A APPLICATION OF THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO CONSIDER THE ADOPTION OF GENERAL RULES AND REGULATIONS GOVERNING ALL ASSOCIATED OIL AND GAS POOLS OF SOUTHEAST AND NORTHWEST NEW MEXICO AND THE ADOPTION OF SPECIAL RULES FOR CERTAIN ASSOCIATED POOLS.

#### ORDER OF THE COMMISSION

R - 5252.14 R 5353.I 2-53-3-5

R-St.

R- 535 - 2 R. Sima -

R-5353-B.

R-5353-B-1

R-5353-C

R-5353-D

R-5353-E

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 23, 1976 at Santa Fe, New Mexico, before Examiner, Daniel S. Nutter.

NOW, on this <u>17th</u> day of January, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

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

That the Commission has heretofore created and desig-(2) nated six pools in Northwest New Mexico and 15 pools in Southeast New Mexico as "associated" oil and gas pools, being pools in which a gas cap was found to overlie an oil zone.

That in order to prevent waste and to protect correla-(3) tive rights, the Commission has heretofore promulgated special rules and regulations for said associated oil and gas pools, as follows:

-2-Case No. 5813 Order No. R-5353

## Northwest New Mexico

POOL	COUNTY	ORDER NO.
Angels Peak-Gallup	San Juan	R-1410-C
Devils Fork-Gallup	Rio Arriba	R-5181
Escrito-Gallup	Rio Arriba	R-1793-A
Gallegos-Gallup	San Juan	R-3707
Tapacito-Gallup	Rio Arriba	R-3211
Tocito Dome-Pennsylvanian "D"	San Juan	R-2758

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## Southeast New Mexico

POOL	COUNTY	ORDER NO.
Bluitt-San Andres	Roosevelt	R-1670-I
Southeast Chaves Queen Gas		
Area	Chaves	R-4435
South Dagger Draw-Upper		
Pennsylvanian	Eddy	R-4637
Double L-Queen	Chaves	R-3981-A
Jennings-Delaware	Lea	R-4359
Mesa-Queen	Lea	R-2935
North Paduca-Delaware	Lea	R-3437
Penasco Draw-San Andres-Yeso	Eddy	R-4365
Peterson-Pennsylvanian	Roosevelt	R-4538
-	Chaves	R-1670-J
	Lea	R-1517
Todd-Lower San Andres	Roosevelt	<b>R-1670-</b> G
		R-3153
Northwest Todd-San Andres	Roosevelt	
Vest Ranch-Queen	Chaves	R-5180
Penasco Draw-San Andres-Yeso Peterson-Pennsylvanian Round Tank-Queen Sawyer-San Andres Todd-Lower San Andres Northwest Todd-San Andres Twin Lakes-San Andres	Eddy Roosevelt Chaves Lea Roosevelt Roosevelt Chaves	R-4365 R-4538 R-1670-J R-1517 R-1670-G R-3153 R-4441 R-4102

(4) That the aforesaid special rules and regulations for the above- amed associated oil and gas poor's provide, among other things, for the definition of oil weils and gas wells, the size of oil spacing units and gas spacing units, standard well locations, gas-oil ratio limitations, well testing, and gas well allowables. -3-Case No. 5813 Order No. R-5353

(5) That there is a wide variation in the various special pool rules applicable to the aforesaid associated pools, not only in substantive content and purpose, but also in format and general manner of presentation.

(6) That said variations have caused confusion and have resulted in unnecessary administrative burden to both the operators in said pools and the Commission.

(7) That the adoption of general rules applicable to all associated pools, with provision for certain special rules applicable to particular pools only, would tend to eliminate said confusion and would ease the administrative burden of both the operators in said pools and the Commission.

(8) That in order to more nearly equalize the time frame within which oil wells and gas wells in associated pools may produc their current allowable, thereby equalizing withdrawals from their respective portions of the associated reservoir, the general rules for associated pools should provide for a onemonth proration period for gas wells, and oil wells should continue to be operated under the provisions of Rule 502 of the Commission General Rules and Regulations.

(9) That in order to provide a reasonable period of time for the production of the current allowable from a gas well in an associated pool, provision should be made in the general associated pool rules for underproduction from such well to be carried forward into subsequent proration periods, provided however, that such underproduction in excess of three times the current monthly allowable should not be carried forward, but should be cancelled.

(10) That in order to provide a reasonable period of time in which overproduction of current allowable by a gas well in an associated pool may be compensated for by underproduction, provision should be made in the general associated pool rules for such overproduction to be carried forward into subsequent proration periods, provided however, that any well which is overproduced by an amount exceeding three times its current monthly allowable should be shut in until such well is overproduced by an amount less than three times its current monthly allowable.

(11) That the volumetric gas allowable formulas applicable to the Bluitt-San Andres Associated Pool and the Todd Lower-San Andres Associated Pool are no longer effective and should not be included in the special pool rules for said pools. -4-Case No. 5813 Order No. R-5353

(12) That the inclusion of liquid gravity as a criterion in the classification of oil wells and gas wells in the Angels Peak-Gallup, Devils Fork-Gallup, Bluitt-San Andres, Peterson-Pennsylvanian, and Todd-Lower San Andres Pools appears to serve no useful purpose, and should be discontinued.

(13) That the Jennings-Delaware Associated Pool and the North Paduca-Delaware Associated Pool, as heretofore created and defined, no longer fit the associated pool classification, and that said pools should be redefined as oil pools subject to the Commission General Rules and Regulations, and the Special Rules for said pools should be rescinded.

(14) That the Northwest Todd-San Andres Associated Pool as previously created and defined no longer fits the associated pool classification and should be redefined as an oil pool and the special pool rules therefor amended to provide only for 80-acre oil well spacing units and a gas-oil ratio limitation of 5,000 to 1.

(15) That the existing special associated pool rules for the remaining 18 associated pools which provide for spacing of oil wells and gas wells, oil well and gas well locations, definition of oil wells and gas wells based on gas-liquid ratios, and special gas-oil ratio limitations, any of which are in conflict with the general rules and regulations for associated pools should be retained, but should be incorporated in one overall order applicable to associated oil and gas pools, and the orders presently applicable to said pools superseded.

(16) That the gas well location requirements for the Double L-Queen Associated Pool should be amended to comply with the general rules and regulations for associated pools.

(17) That all associated pool gas well underproduction should be cancelled as of January 31, 1977.

(18) That the Secretary-Director of the Commission should be authorized to administratively reinstate such cancelled underproduction, up to three times the current monthly allowable, upon a showing by the operator that such underproduction could be made up.

(19) That the rescission, amendment, and supersedure of the Special Pool Rules listed in Finding No. (3) above, and the adoption of General Rules applicable to the associated oil and gas pools in the State of New Mexico in accordance with the above findings will prevent waste and protect correlative rights, is in the public interest, and should be approved. -5-Case No. 5813 Order No. R-5353

#### IT IS THEREFORE ORDERED:

(1) That effective February 1, 1977, general rules and regulations are hereby adopted for the associated oil and gas pools of Northwest and Southeast New Mexico as follows:

#### GENERAL RULES AND REGULATIONS FOR THE ASSOCIATED OIL AND GAS POOLS OF NORTHWEST NEW MEXICO AND SOUTHEAST NEW MEXICO.

(See Special Pool Rules for each pool for rules applicable to that particular pool. Special Pool Rules will be found in the same classification order as in the General Section. If the Special Rule is in conflict with the General Rule, the Special Rule shall be applicable.)

#### A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 1. Any well drilled to the producing formation of an associated pool regulated by this order and within said pool or within one mile outside the boundary of that pool, and not nearer to nor within the boundaries of another designated pool producing from the same formation, shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in that pool.

RULE 2. (a) See Special Pool Rules for applicable size of oil and gas spacing and proration units. Unless otherwise specified by the Special Pool Rules, 40-acre units shall comprise a governmental quarter-quarter section substantially in the form of a square, being a legal subdivision of the United States Public Land Surveys; 80-acre units shall comprise two contiguous quarter-quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental quarter section; 160-acre units shall comprise a governmental quarter section; and 320-acre units shall comprise two contiguous quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental section.

RULE 2. (b) Each well drilled or completed on a spacing and proration unit within an associated pool governed by these rules shall be located as provided below:

OIL WELLS AND GAS WELLS - NORTHWEST NEW MEXICO

Standard Proration Unit	Location Requirements
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40 Acres

Not closer than 330 feet to the boundary of the tract
-6-Case No. 5813 Order No. R-5353

80, 160 and 320 acres

Not closer than 790 feet to any quarter section line nor closer than 330 feet to any quarter-quarter section line or subdivision inner boundary.

### OIL WELLS - SOUTHEAST NEW MEXICO

Standard Proration Unit

40 Acres

### 80 and 160 acres

Location Requirements

Not closer than 330 feet to the boundary of the tract

Within 150 feet of the center of the quarter-quarter section wherein located

### GAS WELLS - SOUTHEAST NEW MEXICO

Standard Proration Unit

160 Acres

320 Acres

Location Requirements

Within 150 feet of the center of the quarter-quart section wherein located.

Not closer than 660 feet to the nearest side boundary nor closer than 1980 feet to the nearest end boundary of the spacing unit nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

RULE 2. (c) The Secretary-Director of the Commission shall have authority to grant an exception to the well location requirements of Rule 2(b) above without notice and hearing when the necessity for such unorthodox location is based upon topographical conditions or the recompletion of a well previously drilled to another horizon, provided said well was drilled at an orthodox location for such original horizon, or where the size and shape of an approved non-standard spacing and proration unit render a standard location impossible. -7-Case No. 5813 Order No. R-5353

Applications for administrative approval of unorthodox locations shall be filed in triplicate and shall be accompanied by plats showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon. If the proposed unorthodox location is based upon topography, the plat shall also show and describe the existent topographical conditions.

All operators of proration or spacing units offsetting the unit for which the unorthodox location is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Secretary-Director may approve the unorthodox location upon receipt of waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 3. (a) Each gas well shall be located on a standard unit containing 160 acres or 320 acres, more or less, as provided in the special rules for the pool in which it is situate.

(b) Each oil well shall be located on a standard unit containing 40 acres, 80 acres or 160 acres, more or less, as provided in the special rules for the pool in which it is situate.

RULE 4. (a) The District Supervisor of the appropriate district office of the Commission shall have the authority to approve a non-standard unit as an exception to Rule 3(a) or 3(b) without notice and hearing when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is not less than 75% nor more than 125% of a standard unit.

The District Supervisor of the appropriate district office of the Commission may approve the non-standard unit by:

(1) Accepting a plat showing the proposed non-standard unit and the acreage to be dedicated to the nonstandard unit, and

(2) Assigning an allowable to the non-

standard unit.

(b) The Secretary-Director of the Commission may grant an exception to the requirements of Rule 3(a) or Rule 3(b), when the unorthodox size or shape of the unit is necessitated -8-Case No. 5813 Order No. R-5353

by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is less than 75% or more than 125% of a standard unit, or where the following facts exist and the following provisions are complied with:

(1) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.

(2) The non-standard unit lies wholly within a governmental subdivision or subdivisions which would be a standard unit for the well (half quarter section, quarter section, or half section) but contains less acreage than a standard unit.

(3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the half quarter section, quarter section or half section (for 80-acre, 160-acre, and 320-acre standard dedications respectively) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.

(4) In lieu of Paragraph (3) of this rule, the applicant may Jurnish proof of the fact that all of the foresaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

B. WELL CLASSIFICATION AND GAS-OIL RATIO LIMITATION

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 30,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 30,000 cubic feet of gas per barrel of liquid hydrocarbons.

(b) The simultaneous dedication of any acreage to an oil well and a gas well is prohibited.

RULE 6. That the limiting gas-oil ratio shall be 2,000 cubic feet of gas for each barrel of oil produced.

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RULE 7. An oil well shall be permitted to produce only that amount of gas determined by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool. In the event there is more than one oil well on an oil proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

A gas well shall be permitted to produce that amount of gas obtained by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool and by a fraction, the numerator of which is the number of acres dedicated to the particular gas well and the denominator of which is a number equal to the number of acres in a standard oil proration unit in such pool. In the event there is more than one gas well on a gas proration unit, the operator may produce the amount of gas assigned to the unit from the wells on the unit in any proportion.

### C. WELL TESTING

RULE 8. The operator of each newly completed well shall cause a gas-liquid ratio test to be taken on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production unless the well is connected to a gas-gathering facility and is producing under a temporary gas allowable assigned in accordance with Rule 11. Any well which is shut-in shall be exempted from the gas-liquid ratio test requirement so long as it remains shut-in. The initial gasliquid ratio test shall be taken in the manner prescribed by Rule 9. If the gas-liquid ratio is 30,000 cubic feet of gas per barrel of liquid hydrocarbons, or more, the operator shall not produce the well until beneficial use can be made of the gas.

RULE 9. (a) Semi-annual gas-liquid ratio tests shall be taken on all wells during each year in accordance with a test schedule prepared by the district office of the Commission. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Tests shall be 24-hour tests, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of such tests shall be filed on Commission Form C-116 on or before the 10th day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the appropriate district office of the Commission a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor -10-Case No. 5813 Order No. R-5353

of the appropriate district office of the Commission may grant an exception to the above test requirements where it is demonstrated that the well(s) produce(s) no liquids.

Special tests shall also be taken at the request of the Secretary-Director and may also be taken at the option of the operator. Such special tests shall be taken in accordance with the procedures outlined hereinabove, including notification to the Commission and offset operators.

(b) The Secretary-Director of the Commission shall have authority to grant pool-wide exceptions to Rule 9(a) above, without notice and hearing upon a showing that production from wells within such pool has stabilized to the point where such tests would be of essentially no value for application of these general rules for associated pools.

RULE 10. An initial shut-in pressure test shall be taken on each gas well and shall be reported to the Commission on Form C-125.

# D. ASSIGNMENT OF ALLOWABLE

RULE 11. Any well completed after the effective date of these rules shall receive an allowable only upon receipt by the appropriate Commission district office of Commission Forms C-102, C-104, C-116, and, in the case of a gas well, a transporter's notice of gas connection, properly executed. The District Supervisor of the Commission's district office is hereby authorized to assign a temporary gas allowable to wells connected to a gas transportation facility during the recovery of load oil, which allowable shall not exceed the number of cubic feet of gas obtained by multiplying the daily top unit allowable for the pool by the limiting gas-oil ratio for the pool.

### E. GAS PRORATIONING

RULE 12. The associated gas proration period shall be the proration month which shall begin at 7 a.m. on the first day of the month and shall end at 7 a.m. on the first day of the next succeeding month.

RULE 13. (a) Any associated gas well which has an underproduced status at the end of any associated gas proration period, shall carry such underproduction into subsequent periods. -11-Case No. 5813 Order No. R-5353

(b) Underproduction in excess of three times the current monthly allowable shall not be carried forward but shall be cancelled. For purposes of this rule, the monthly allowable shall be the full monthly allowable which would be assigned an associated gas well with the same acreage dedication in the same pool.

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(c) Overproduction during any month shall be applied to a well's cumulative underproduction, if any, calculated in accordance with Paragraphs (a) and (b) above.

RULE 14. Any associated gas well which has an overproduced status at the end of any associated gas proration period shall carry such overproduction into subsequent periods. If at any time a well is overproduced an amount exceeding three times its current monthly allowable, it shall be shut in during that month and each succeeding month until the well is overproduced less than three times its current monthly allowable.

RULE 15. The allowable assigned to a well during any one month of an associated gas proration period in excess of the production for the same month shall be applied against the overproduction carried into such period in determining the amount of overproduction, if any, which has not been compensated for.

RULE 16. The Commission may allow overproduction to be compensated for at a lesser rate than would be the case if the well were completely shut in upon a showing after notice and hearing that complete shut in of the well would result in material damage to the well or reservoir.

F. REPORTING OF PRODUCTION

RULE 17. The monthly gas production from each gas well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 24th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the produced gas.

RULE 18. Each purchaser or taker of gas shall submit a report to the Commission so as to reach the Commission on or before the 15th day of the month next succeeding the month in which the gas was purchased or taken. Such report shall be filed on Form C-111 with the wells being listed in the same order as they are listed on the appropriate proration schedule. -12-Case No. 5813 Order No. R-5353

# G. GENERAL PROVISIONS

RULE 19. Failure to comply with any provision of these rules shall result in the immediate cancellation of allowable assigned to the affected well. No further allowable shall be assigned until all rules and regulations have been complied with. The Secretary-Director shall notify the operator of the well and purchaser in writing of the date of allowable cancellation and the reason therefor.

RULE 20. All transporters or users of gas shall file gas well connection notices with the Commission as soon as possible after the date of connection.

RULE 21. Allowables to wells whose classification has changed from oil to gas or from gas to oil as the result of a gas-liquid ratio test shall commence on the first day of the month following the month in which such test was reported, provided that a plat (Form C-102) showing the acreage dedicated to the well and the location of all wells on the dedicated acreage has been filed.

(2) That the above General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico shall be applicable to the following associated pools:

### NORTHWEST NEW MEXICO

Angels Peak-Gallup Devils Fork Gallup Escrito-Gallup Gallegos-Gallup Tapacito-Gallup Tocito Dome-Pennsylvanian "D"

## SOUTHEAST NEW MEXICO

Bluitt-San Andres Southeast Chaves Queen Gas Area South Dagger Draw-Upper Pennsylvanian Double L-Queen Mesa Queen Penasco Draw-San Andres Yeso Peterson-Pennsylvanian Round Tank-Queen Sawyer-San Andres Todd-Lower San Andres Twin Lakes-San Andres Vest Ranch-Queen

(3) That effective February 1, 1977, the following Special Rules and Regulations shall be applicable to the below-named associated pools:

-13-Case No. 5813 Order No. R-5353

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# SPECIAL RULES AND REGULATIONS FOR THE ANGELS PEAK-GALLUP ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

# SPECIAL RULES AND REGULATIONS FOR THE DEVILS FORK-GALLUP ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

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SPECIAL RULES AND REGULATIONS FOR THE ESCRITO-GALLUP ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

> SPECIAL RULES AND REGULATIONS FOR THE GALLEGOS-GALLUP ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

> SPECIAL RULES AND REGULATIONS FOR THE TAPACITO-GALLUP ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

> SPECIAL RULES AND REGULATIONS FOR THE TOCITO DOME-PENNSYLVANIAN "D" ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 160 acres A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 150 feet of the center of the quarter-quarter section.

Gas wells shall be located within 150 feet of the center of the quarter-quarter section.

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RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 20,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 20,000 cubic feet of gas per barrel of liquid hydrocarbons.

# SPECIAL RULES AND REGULATIONS FOR THE BLUITT-SAN ANDRES ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 150 feet of the center of the quarter-quarter section.

Gas wells shall be located not closer than 990 feet to the quarter section line nor closer than 330 feet to any quarter-quarter section line.

SPECIAL RULES AND REGULATIONS FOR THE SOUTHEAST-CHAVES QUEEN GAS AREA ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 40 acr A standard gas proration unit shall be 320 acres.

> SPECIAL RULES AND REGULATIONS FOR THE SOUTH DAGGER DRAW-UPPER PENNSYLVANIAN ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 320 acres A standard gas proration unit shall be 320 acres.

RULE 2. (b) All oil wells and gas wells shall be located not closer than 660 feet to the nearest side boundary nor closer than 1980 feet to the nearest end boundary of the spacing unit nor closer than 330 feet to any subdivision inner boundary.

RULE 6. The limiting gas-oil ratio shall be 8,000 cubic feet of gas for each barrel of oil produced.

RULE 22. The special depth bracket allowable for an oil well on a 320-acre tract shall be 267 barrels of oil per day.

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# SPECIAL RULES AND REGULATIONS FOR THE DOUBLE L-QUEEN ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 320 acres.

# SPECIAL RULES AND REGULATIONS FOR THE MESA-QUEEN ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 2. (b) Oil wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

RULE 6. The limiting gas-oil ratio shall be 5,000 cubic feet of gas for each barrel of oil produced.

# SPECIAL RULES AND REGULATIONS FOR THE PENASCO DRAW SAN ANDRES-YESO POOL

(a) A standard oil proration unit shall be 40 acres. RULE 2. A standard gas proration unit shall be 320 acres.

(b) Oil wells shall be located no closer than 330 RULE 2. feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located within 150 feet of the center of the quarter-quarter section.

RULE 5. A well shall be classified as a gas well if it has a gas-liquid ratio of 10,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 10,000 cubic feet of gas per barrel of liquid hydrocarbons. RULES. (b) RECEDENT RULE Quar

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SPECIAL RULES AND REGULATIONS FOR THE PETERSON-PENNSYLVANIAN POOL

RULE 2. (a) A standard oil proration unit shall be 160 acres A standard gas proration unit shall be 320 acres.

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RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 25,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 25,000 cubic feet of gas per barrel of liquid hydrocarbons.

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RULE 6. The limiting gas-oil ratio shall be 4,000 cubic feet of gas for each barrel of oil produced.

SPECIAL RULES AND REGULATIONS FOR THE ROUND TANK QUEEN POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres A standard gas proration unit shall be 160 acres.

RULE 6. The limiting gas-oil ratio shall be 6,000 cubic feet of gas for each barrel of oil produced.

SPECIAL RULES AND REGULATIONS FOR THE SAWYER-SAN ANDRES POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 2. (b) Oil wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located no closer than 660 feet to the outer boundary of the quarter section nor closer than 330 feet to a quarter-quarter section line.

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of more than 25,000 cubic feet of gas per barrel of liquid hydrocarbons. All other wells producing from the Sawyer-San Andres Pool shall be classified as oil wells.

> SPECIAL RULES AND REGULATIONS FOR THE TODD-LOWER SAN ANDRES POOL

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 200 feet of the center of the quarter-quarter section.

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Gas wells shall be located no closer than 660 feet to the outer boundary of the quarter section nor closer than 330 feet to a quarter-quarter section line.

# SPECIAL RULES AND REGULATIONS FOR THE TWIN LAKES-SAN ANDRES POOL

<u>RULE 2.</u> (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

> SPECIAL RULES AND REGULATIONS FOR THE VEST RANCH-QUEEN POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 320 acres.

(3) That effective February 1, 1977, the following orders, as amended, which apply to the aforementioned associated pools, are hereby superseded:

R-1410-C	R-1670-I	<b>R-1670-</b> J
R-5181	R-4435	R-1517
R-1793-A	R-4637	R-1670-G
R-3707	R-3981-A	<b>R-3153</b>
R-3211	R-2935	R-4102
R-2758	R-4365	R-5180
	<b>R-4538</b>	

(4) That the Jennings-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-4359 is hereby rescinded, effective February 1, 1977.

(5) That the North Paduca-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-3437 is hereby rescinded, effective February 1, 1977.

(6) That effective February 1, 1977, the Northwest Todd-San Andres Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool with Order No. R-4441 to be superseded by Order No. R-4441-A, to be issued concomitantly with the instant order, No. R-5353.

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(7) That effective January 31, 1977, all underproduction accrued to gas wells in the associated pools affected by this order is hereby cancelled.

(8) That the Secretary-Director of the Commission is hereby authorized to reinstate any well's accrued underproduction cancelled effective January 31, 1977, provided that such reinstated underproduction shall not exceed three times the well's current monthly allowable and provided further that the application for reinstatement of such underproduction shall contain evidence that the affected well is capable of producing such underproduction and that said application is received by the Secretary-Director not later than April 1, 1977.

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

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

STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION PHIL R. LUCERO, Chairman RNOLD, 0 JOE D. RAMEY, Member /8 Secretary

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