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Description: 5th Sec. 1; 5th Sec. 2; 7 Sec. 11; 7 Sec. 12; 7 Sec. 13;

7 Sec. 14; 7 Sec. 23; 7 Sec. 24 (R-264, 11-10-53)

Ext: 7 Sec. 24 (R.544, 11-17-54) - Vertical limits - extending from the top of the Glorieta formation to a point 200 feet below the formation (R-586, 4-11-55) - 7 Sec. 25 (R-902, 10-26-56)

- 7 Sec. 25; 7 Sec. 26; 7 Sec. 36 (R-1017, 6-28-57) - 7 Sec. 36 (R-1105, 12-30-57)

NE Sec. 13 (R-1221, 8-1-58) - 5th Sec. 13 (R-1372, 5-1-59) - 7 Sec. 2 (R-2998, 12-1-65)

	Commolati	The Prod.	2173,0271	ncf 30.	-025-1/395
NO. O' COPIES RECLIVED				Form C	
DISTRIBUTION	t ^{i.}			Supers	ries Old and C-103
SANTAFE	NEW MEXICO	OIL CONSERVATI	ON COMMISSION		lve 1-1-65
FILE				Es India	N. Tama al I a
U.S.G.S.		•		State	te Type of Lent.
OPEF OR					il & Gas Leuse No.
<u> </u>	ļ				•
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SIL GAS WELL X	OTHER•			7. Unit Ac	reement laury
. 'ime of Operator			 	8. Færn e	Lease lian.e
Cities Service Oil Com	pany			Hodge	
. Address of Operator	70701			G. Well No).
Box 1919 - Midland, Te	xas 79701			10.7614	
	660 FEET FROM THE	South	660 FE	Lang. Just	lie-Mattix-7 Rvs. is-Glorieta Gas
V.T., m.i.		ara	000		
THE West LINE, SECTI	ON TOWNSH	<u>258 </u>	.use <u>37E</u>	имрм.	
	15. Elevation (S	Show whether DF, RT,	GE, etc.)	12. Count	
	30991			Lea	
	Appropriate Box To			QUENT REPOR	T OF:
TEMPORARILY ABANDON	, 200 1110		NCE DRILLING OPNS.	Ħ	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PL	ANS CASING	TEST AND CEMENT JQB		
		ОТН	ER		
OTHER		—— <u> </u>			•
7. Describe Proposed or Completed On work) SEE RULE 1703. OTD 1823' Lime OPBTD the following manner:					
1. MIRU pulling u dropped in the	nit, pulled tubin hole to seat in sack cement plu	a Model D pag	ker set @ 469	901.	
	th mud laden flu				
4. Displaced a 10	sack cement plu	g on top of th	ne CIBP @ 3050	01 - 30001.	
5. Shot casing of	f @ 2578; and pu	lled 82 Jts.	of 7" OD 23# o	easing.	
6. Displaced a 35 stub).	sack cement plu	g @ 2603 ' - 25	503'(1/2 in ar	nd 1/2 out of	7" casing
	ack cement surface	ce nlug @ KO!	_ 01 a cat a	lik dam hala	mankan autami
ing h' above the	he surface to de:	signate a plus	ged and aband	doned location	merker expende
8. This location	will be cleared of inal surface insp	of all equipme	ent and debris	and your of	fice will be
notified for 1	inai surrace ma	hecriou.			
8. I hereby certify that the information	-	to the best of my and	wledge ord beliet.		- Maleria - Millaria
ORIGINAL SIGN BY E. Y. WILD!	8	Region	Operation Man	Ingan	March 71. 1075
IGNED		TITLE REGION	operation man	reget.	March 14, 1975
PPROVED BY Jan W.	Rungas	TITLE	Sugar.	DATE	

00}	SUNDRY NOTICES AND REPORTS ON WELLS HOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. FOR MET USE "MAPPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
I.	GAS X OTHER-	7. Unit Agreement Name
2. Norma of O		8, Farm or Lease Name
Cities	Service Oil Company	Hodges B
3. Acdress of		9. Well No.
Box 19	19 - Midland, Texas 79701	1
4. Location o	f Well	10. Field and Pool, or Wildoor Justis Glorieta Gas,
UNIT LET	TER M 660 FEET FROM THE South LINE AND 660 FEET FROM	Langlie-Mattix-Queen
THE	West Line, SECTION 1 TOWNSHIP 25S RANGE 37E NMPM.	
mm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	3124' GR	Lea
PERFORM REM TEMPORARILY PULL OR ALTI	COMMENCE DRILLING OPNS. CHANGE PLANS CASING TEST AND CEMENT JQB OTHER	ALTERING CASING PLUG AND ABANDONMENT
T.D. 4	240) / C J	l as follows: e tubing. ement plug on top 050° and dump a
4. 5.	If the 7" casing shot point if below the 9-5/8" csg. shoe, spending $\frac{1}{2}$, in and $\frac{1}{2}$ out of the 7" csg. stub.	n 7" as possible. ot a 15 sack cement
6.	Spot a 20 sack cement plug $\frac{1}{2}$ in and $\frac{1}{2}$ out of the 9-5/8" csg si $2650! - 2600!$	noe @ approx.

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103 Supersedes Old

State

C-102 and C-103 Effective 1-1-65

Sa. Indicate Type of Lease

5. State Oil & Gds Lease No.

Fee X

18. I hereby ce	ertify that the information above is true and complet	e to the best of my knowledge and belief.	
SIGNED	Effect of speed by	Region Operation Manager	November 20, 1974
APPROYED BY	Les Clements Oil & Gas Insp.	TITLE	NUV 25 1974
CONDITIONS	OF APPROVAL, IF ANY:		

7. Set a 20 sack cement surface plug @ approx. 501 - 01 and install a 4" dry hole

ALL PLUE'S FE BY

8. Clear location of all equipment and debris.

marker.

C COPIES RECEIVED

TRIBUTION

FILE

u.s.g.s.

LAND OFFICE

OPERATOR

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SANTA FE			NEW MEXICO O	IL CONSERVATION	ON COMMISSION		tivob	
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	Jan. MA	PPUICATION FOR PER	MIT - " (FORM C-12)) FOR SUCH PROPOSA	(L5.)		mmi	7777777
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WELL L	West L	X OT-ER-					* *	
12. Name of Cyc						s. Fa	rm or Lease Name	
	Cities Se	rvice Oil C	lompany .			•	Hodges B	
3. Address	1 11570.			<u></u>		9. We	il ties	
;	Box 4905	- Midland.	Texas 79701	* *		:	1	
Is. Location c.		·				10. F	ield and Problem or V	Vilác a t
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CONSIT ONE OF ARPROVAL, IF ANY

El Paso Natural Gas Company

El Paso, Texas 1947.

May 11, 1973

ADDRESS ASPLY TO. POST OFFICE BOX :384 AL. NEW MEXICO 88252

Oil Conservation Commission State of New Mexico P. O. Box 1980 Hobbs, New Mexico 88240

Gentlemen:

This is to advise that on May 10, 1973 the Cities Service Oil Company's Hodges B-1 tbg., Justis Glorietta gas well located in Unit M, Section #1, Township #25, Range #37 Lea County, New Mexico was disconnected from the El Paso Natural Gas Company's gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Travis R. Elliott

Gas Production Status Analyst

TRE:bl

cc: Mr. Elvis Utz, O.C.C., Santa Fe, New Mexico Proration Department H. O. Whitt Gas Purchases Sam Smith H.P. Logan T. J. Crutchfield Measurement Department Operator R. H. Barnett Earl Smith Chub Fuller R.T. Speer M. E. McEuen B. D. Ballard File

NO. OF COPIES RECEIVED			Form C-103
DISTRIBUTION		HE SO DEFICE 6. 	Supersedes Old C-102 and C-103
SANTAFE	NEW MEXICO OIL CON	ISERVATION COMMISSION	Effective 1-1-65
U.S.G.S.		APR 27 10 57 AM	5a. Indicate Type of Lease
LAND OFFICE		•	State Fee X
OPERATOR] .		5. State Oil & Gas Eease No.
			響
(DO NOT USE THIS FORM FOR PRO	RY NOTICES AND REPORTS OF	PACK TO A DIFFERENT RESERVOIR.	
USE "APPLICAT	TION FOR PERMIT -" (FORM C-101) FOR SI	CH PROPOSALS.)	7. Unit Agreement Name
OIL GAS X	OTHER-		
2. Name of Operator		,	8, Farm or Lease Name
Cities Service ()ii Company		Hodges B
	New Mexico		9. Well No.
4. Location of Well	Hen Herico		10. Field and Pool, or Wildcat
JNIT LETTER	660 FEET FROM THE West	LINE AND FEET FE	Justis & Langile-Mettix
-HE South LINE, SECTION	ON TOWNSHIP 255	RANGE 37E NM	PM: (())
mmmmmmm	15. Elevation (Show whether	TOF RT CR etc.)	12. County
	3124'		Lon
16. Check	Appropriate Box To Indicate		
	NTENTION TO:		NT REPORT OF:
	·		
PERFORM REMEDIAL WORK	PLUS AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
OTHER Repair COMMUN	ications x	1	
17 Describe Proposed or Completed Or	porations (Clearly state all pertinent de	uaile and the parties does to be	ing estimated date of starting any proposed
work) SEE RULE 1 103.	retations (Cleart) state art pertinent ve	entry, and give partition dutes, includ	ing estimated date of starting any proposed
			·
A packer leakage t	test was taken on the at	ove captioned well and	it indicated
communication betw	ween the Langile Mattix	Pool and the Justis Pool	91.
It is proposed to	unseat packer and repai	r lask	The second secon
it to propose to	amount heavel and tohat	1 OERA	And the second s
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	en de la companya de La companya de la co		
18. I hereby certify that the information	above is true and complete to the best	of my knowledge and belief.	
CARLIT	A . A	Alconico Alculo	
SIGNED COMPCONE	TITLE	District Clerk	DATE 4-26-66
the War the	1 . A Charles	÷ 3	
APPROVED BY	TITLE		DATE
CONDITIONS OF APPROVAL, IF ANY		•	
Reten	ナーチャ シーン		•
116769		· · · · · · · · · · · · · · · · · · ·	
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COPIES KECEIVED HEW MEXICO OIL CONSERVATION COM FORM C-110 NO, (Rev. 7-60) SANTA FE, NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS PROBATION OFFI FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE Well No. Lease Company or Operator Hodges B Range County Unit Letter Section Township 37-E Lea Kind of Lease (State, Fed Fee) Pool Patented <u>Justis</u> Unit Letter Section Township If well produces oil or condensate give location of tanks Address (give address to which approved copy of this form is to be sent) Authorized transporter of oil or condensate Is Gas Actually Connected? Yes Y No Address (give address to which approved copy of this form is to be sent) Authorized transporter of casing head gas ____ or dry gas ____ Date Con-El Paso Natural Gas Company Box 1492 - 1 Paseo, Texas If gas is not being sold, give reasons and also explain its present disposition: RE. SON(S) FOR FILING (please check proper box) New Well Change in Ownership Change in Transporter (check one) Other (explain below) Casing head gas . _ Condensate . . _ Rema:ks The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the _____ day of . OIL CONSERVATION COMMISSION Approved by Company Address

NEW MEXICO OIL CONSERVATION CC 'SSION FORM C-110 SANTA FE, NEW MEXICO (Rev. 7-60) PILE LAND OFFICE CERTIFICATE OF COMPLIANCE AND AUTHORIZATION THAN SPORTER TO TRANSPORT OIL AND NATURAL GAS PRORATION OFFI CPERATOR FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE Well No. Company or Operator Cities Service Patroisus Company 1 Hodge B Section Township Range County Unit Letter 37-E 25-S Lea Kind of Lease (State, Fed Fee) Pool Langile-Mattix Patented Township Unit Letter Section Range If well produces oil or condensate give location of tanks Address (give address to which approved copy of this form is to be sent) Authorized transporter of oil or condensate Is Gas Actually Connected? Yes Y No. Date Con-Address (give address to which approved copy of this form is to be sent) Authorized transporter of casing head gas or dry gas 🐷 El Paso Matil Gas Company Box 1492 El Paso, Texas If gas is not being sold, give reasons and also explain its present disposition: REASON(S) FOR FILING (please check proper box) Change in Ownership An @ \$50, New Weil Other (explain below) Change in Transporter (check one) Company to: Casing head gas . _ Condensate . . The rice Petroleum Company. Remarks Co. In the de de coffee () is the field of

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

Executed this the _____ day of ___

OTL' CONSERVATION COMMISSION

Approved by

Title

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Dog tt Clark

Line Service Patrolaum Company

0 - 9 - Hobbs, New Marrico

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO $\stackrel{\sim}{\sim} \mathcal{OCC}$

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Executed this the 5th day of February 19 57 By	Company or Operator Cities Service 01	1 Company Lease Hodges *B*
If well produces oil or condensate, give location of tanks: Unit _ S _ T _ R _ Authorized Transporter of Oil or Condensate None Address	Well No. 1 Unit Letter M S 1	T 258 R 37E Pool Langlie-Mattix
Address — Give address to which approved copy of this form is to be sent) Authorized Transporter of Gas El Paso Natural Gas Company Address — (Give address to which approved copy of this form is to be sent) Authorized Transporter of Gas El Paso Natural Gas Company Address El Paso, Texas (Give address to which approved copy of this form is to be sent) If Gas is not being sold, give reasons and also explain its present disposition: Reasons for Filing: (Please check proper box) New Well () Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate () Change in Ownership () Other (Explanation below) This well was dually completed as a dual gas-gas well. The lower sons, Justis Gas For flows through tubing (Glorietts) and the upper zone, Langlie-Nattix, flows througheas (Queen). The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 5th day of February 19 57 By By Address Sory 7, Hobbs, New Mexico	County Lea Kind of Lea	ase (State, Fed. or Patented) Patented
Authorized Transporter of Oil or Condensate None Address		ocation of tanks: Unit _ S _ T _ R _
Authorized Transporter of Gas El Paso Natural Gas Company Address El Paso, Texas (Give address to which approved copy of this form is to be sent) If Gas is not being sold, give reasons and also explain its present disposition: Reasons for Filing:(Please check proper box) New Well () Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate () Change in Ownership () Other (Give explanation below) This well was dually completed as a dual gas-gas well. The lower zone, Justis Gas Poflows through tubing (Glorietta) and the upper zone, Langlie-Mattix, flows througheas (Queen). The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 5th day of February 19 57 By January Approved 19 Title District Superintendent OIL CONSERVATION COMMISSION Company Cities Service Oil Company By Address Box 97, Hobbs, New Mexico	Authorized Transporter of Oil or Condens	sate None
Authorized Transporter of Gas El Paso Natural Gas Company Address El Paso, Texas (Give address to which approved copy of this form is to be sent) If Gas is not being sold, give reasons and also explain its present disposition: Reasons for Filing:(Please check proper box) New Well () Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate () Change in Ownership () Other (Give explanation below) This well was dually completed as a dual gas-gas well. The lower zone, Justis Gas Poflows through tubing (Glorietta) and the upper zone, Langlie-Mattix, flows througheas (Queen). The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 5th day of February 19 57 By January Approved 19 Title District Superintendent OIL CONSERVATION COMMISSION Company Cities Service Oil Company By Address Box 97, Hobbs, New Mexico		
Authorized Transporter of Gas El Paso Natural Gas Company Address El Paso, Texas (Give address to which approved copy of this form is to be sent) If Gas is not being sold, give reasons and also explain its present disposition: Reasons for Filing: (Please check proper box) New Well () Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate () Change in Ownership () Other (Give explanation below) This well was dually completed as a dual gas-gas well. The lower zone, Justis Gas Por flows through tubins (Glorietta) and the upper zone, Langlie-Nattix, flows througheas (Queen). The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 3th day of February 19 57 By January Approved 19 Title District Superintendent OIL CONSERVATION COMMISSION Company Cities Service Oil Company By Address Box 97, Hobbs, New Mexico	Address = (Give address to which approx	ved conv of this form is to be sent)
Address RI Paso, Texas (Give address to which approved copy of this form is to be sent) If Gas is not being sold, give reasons and also explain its present disposition: Reasons for Filing:(Please check proper box) New Well () Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate () Change in Ownership () Other (X) Remarks: (Give explanation below) This well was dually completed as a dual gas-gas well. The lower zone, Justis Gas Fo flows through tubing (Clorietta) and the upper zone, Langlie-Mattix, flows througheas (Queen). The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 5th day of February 19 57 By January Approved 19 Title District Superintendent OIL CONSERVATION COMMISSION Company Cities Service Oil Company By Address Box 97, Hobbs, New Mexico		
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Approved 19 Title District Superintendent OIL CONSERVATION COMMISSION Company Cities Service Oil Company By Address Box 97, Hobbs, New Mexico		nd Regulations of the Oil Conservation Com-
Approved 19 Title <u>District Superintendent</u> OIL CONSERVATION COMMISSION Company <u>Cities Service Oil Company</u> By Address <u>Box 97. Hobbs. New Mexico</u>	Executed this the 5th day of February	19_57
OIL CONSERVATION COMMISSION Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico		By Imelyor
By Address Box 97, Hobbs, New Mexico	Approved19	Title District Superintendent
DOX 711 INDUST HEW MALES	OIL CONSERVATION COMMISSION	Company Cities Service Oil Company
TO SAIL	By & St-11 Cher	Address Box 97, Hobbs, New Mexico
1 tite	Title	

NE. MEXICO OIL CONSERVATION COM. SSION

REQUEST FOR (GAS) ALLOWABLE CO

New Well
Recompletion

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

					w Mexico	
				(Place)		(Date)
			G AN ALLOWABLE I			
Cities	Service	Oil Compa	ny Hodges	"B" Well No.	1 in Sw	1/4 SW 1/4,
M.	See	· 1	(Lea T. 25S , R. 37E	NMPM	Langlie Nattix	Pool
(Uni	t)	Dat	e Recompletion St	arted 1-7-57	Date completed	1-22-57
Les	.	· · · · · · · · · · · · · · · · · · ·	e Recompletion StCounty. Date Spudded	9-5-46	, Date Completed	10-7-46
	se indicate					
					epth. 48231	•
			Top-oil/gas pay	3106: 3106-3136: 31	Name of Prod. Form 42-3180; 3215-324	Queen O: 3245-3265!
			Casing Perforation	s: w/2 jet sh	ots per ft.	or
			Depth to Casing sh	oe of Prod. String		
			Natural Prod. Test	Whate .		ВОРД
			based on	bbls. Oil	in	Mins.
	•	·	Test after acid or s	hot		BOPD
Casin	and Cemen	ting Record				
Size	Feet	Sax		riowed 2245 .iu	in Hrs. F/day	÷
13 3/8	322	250				
9 5/8"	2624.9	1350	Size choke in inch	es		. <u></u>
7*	4755	350	Date first oil run to	tanks or gas to Tr	ansmission systemNOCO	nnection to date
}			Transporter taking	Oil or Gas:E	l Paso Natural Ga	s Co.
Ł	_!	لــــا				
Remarks:			been dually comp			•
			rietta); the upper			ows through
			nation given above is tr			ge.
pproved			, 19	Cities	Service Oil Compa- Company or Operator	
O	IL CONSE	RVATION C	OMMISSION	By:	: Muje	
	7	(M)			(Signature)	
y:	<u>ا</u>	Sept for his	alle	Title U13 Send	trict Superintend Communications regard	ling well to:
itle	···.			Name Geo	. M. Geyer	
				Box	97. Hobbs.New Mex	ico

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE May 2, 1957

purchase of ga	s from the <u>Cities</u>	Service Oil Company	, Hodges B
		Operator	Lease
l M	, 1-25-37	, Langlie Mattix	El Paso Natural Gas Compan
Well Unit	S.T.R.	Pool	Name of Purchaser
_			
was made on	May 2, 1957	·	
	Date		
	•		
			EL PASO NATURAL GAS COMPANY
			Purchaser
		•	
			10/2/1/
			Representative
		•	A. O. Shiplet
·			
			Chief Field Dispatcher
			Title

cc: To operator
 Oil Conservation Commission - Santa Fe

NEW MEXICO - OIL CONSERVATION COMM. JON

Form C-128

Well Location and/or Gas/Primation Plat

The state of the s

Operator	Citie	s Service Oil Co	ompany	165	easte - Ho	dges #B#	
_				Townsh	in 25_9	10:16 Range 37-E	NMPM
Well No	1	Section	1	Townsh	ip 25-8	Kange Ji-B	
Located	660	Feet Fro	m W	Li	ne, <u>660</u>	Feet From S	Line,
	Lea		_County	, New Me	xico. G. L	. Elevation 3124	
Name of E	roduci	ng Formation	Queen		PoolTanglie	-Mattix Dedicated Ac	reage 160
Manne of 1	1 oduci			est be from			
		(Note: All dista	inces int	ist be from	n outer bour	ndaries of Section)	
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l Isthis	Well a	SCALE: 1"=1000' L Dual Comp. ?	Ves Y N		This is to	contification that the above	
		_				certify that the abov from field notes of a	
2. If the	answe	r to Question 1	is yes, a	re there	made by n	ne or under my supe	rvision and
dedicate	er qua. ed açr	lly completed we eage? Yes	ells with No X	in the		ame are true and cor knowledge and belie	
				 -			·
Name <u> </u>	D1 =+ =	not Superintend	ent.		Date Surve	eyed	
Represent	ng C1	ties Service Oil	Company		Registered	d Professional Engi	neer and/or
Address	Box	27. Hobbs. New	Mexico		Land Surv		

NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as per Commission Rule 1106)

COMPAN	Y Cities Ser	vice Oil Co. Box		New Me	dee			· · · · · · · · · · · · · · · · · · ·
•		DA)	dress)		•			
LEASE	Hodges B	WELL NO.	1 UNIT	MS	1	T 25S	R	3 75
DATE W		ED 1-7-57 to 1-2						
13.	·				- 			
This is a	Report of: (Ch	eck appropriate	block)	Res	ults of	Test of C	asing	Shut-off
	Beginning Drill	ing Operations	[Ren	edial V	Work	un ni a	
	Plugging		İ	X Othe	r Dua	Lly comple	te	·
Detailed	account of work	done, nature an	d quantity	of mate	rials u	sed and re	sults	obtaine
The 7" car 2 jet shot of lease o was set at the Gloric	sing was perfora ts per foot into crude and 14,500 t 4690' to segre	was moved in and ted from 3106'-3 the Queen format pounds of sand i gate the two zone hrough the tubing	136; 3142; ion. The Q in two stage es. Tubing	-3180'; ween was s. Bake was run	32151- fraction Model and the	3240; 324 red with L "D" Prod well swa	51-326 23,500 uction bbed :	5, with Eallon Packer in with
		*						
				_				
FILL IN	BELOW FOR R	EMEDIAL WORK	REPORTS	ONLY		· · · · · · · · · · · · · · · · · · ·		
	Well Data:	- WILDHID WORL	· ICLI OICIO	0,1111				•
DF Elev.	TD	PBD	Prod. I	nt.		Compl Da	te	
		epth (
	rval (s)		J	***************************************		J	*	
		Produc	ing Forma	tion (s)	·			
D. ECHIL MC								
RESULIS	OF WORKOVE	CR: (Test of Que	en)	1	BEFOR.	E 1	AFTE:	R
Date of T	est					<u>.</u>	1-21-5	. 7
Oil Produ	iction, bbls. pe	r day					-0-	
Gas Prod	uction, Mcf per	day					2213	
Water Pr	oduction, bbls.	per day		. —		- ' -	-0-	
	Ratio, cu. ft. pe	- ·						
	Potential, Mcf			-			2012	
Witnesse	J 1	T. Woodruff	0/4/		017.0		2213	
	- Stanley	- WOODFULL	Cities	Service		Company		
•	CONSERVATION	N COMMISSION		true an		informa		
Name	E.H. Fr	sker-	Name		1206	Leger		
Title	- (/ ·		Position	Distri	et Supe	rintenden	.	
Date			Company			e Oil Com		

TION 1 TOWN	SHIP 25 S RANGE	37E COUNTY	Lea	STATE	lew Mexico
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H. E. Hale		Carlson B-1			. 45
Continental Humble A	Cities Service Oil	Atlantic			*
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S t ate	Hodges "B"	•	1	·	
Anderson-Prichard				en en en en en en en en en en en en en e	
	Western Natura	1 Gas			
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Federal "Jal"					•
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	Eat	on 2			

Plat showing location of Cities Service Oil Company's Hodges "B" No. 1 and offset wells and operators

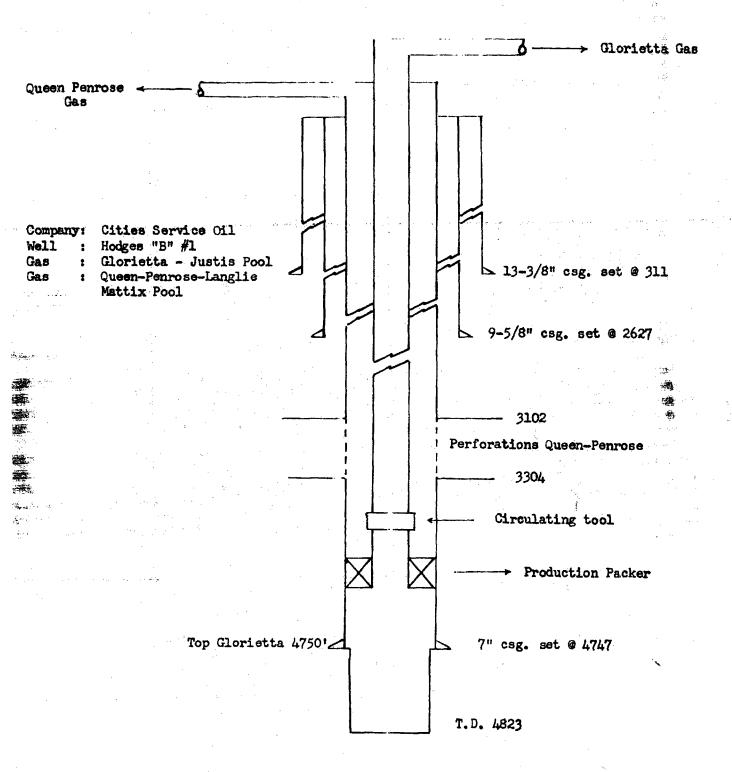


EXHIBIT "B"

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

Dec. 17, 1956

MR. W. B. MACEY OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO	re: fropose	n opner vo	DC.	385	
Dear Mr. Macey:	101 11:01 001	o orden no.	DO		
I have examined the	application for	dual compl	etion d	eted :	12/10/56
for Cities Service Oil Co. I	Hodges "B" #1	1-25-37			
Operator Lease	Name Well No. U	nit S-	TR		* *
and my recommendations are a	es follows:	A Company of the Comp			
0.KE.J.F.	· ·				44 D.S
O.KJ.W.R.					
		,			
				·	

Engineer-District 1

OIL CONSERVATION COMMISSION

Yours very truly,

LOCATE WELL CORRECTLY

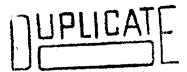


WELL RECORD

Cities		011 Jump				ra.er 'C'		Hobbs,	iew iesztec
Hodge		ompany or Op	erator Well No	1	in C SA	of Sec_1	Address	т	25 - 3
_p 31	Zones 7-8		ile					,	Conntr
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If State 1	and the oil :	nd gas lease			Assignme				
If patents	ed land the c	WDGT IS	~•) • ·à	odges .		, Address			
		the permittee		<u> </u>		Address	·		
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	сопперсед_		()	19		was completed.		7 +46 Oklahoma	19
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No. 8, Er				.to			ot		
No. 3, £r No. 4, £r							ol ol		
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SIZE	PER POOT	PBB INCO	MAKB	AMOUNT	8098	FROM	PROM	10	<u> </u>
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SIZE.	SHELL U	arp CHR	PLOSIVE OB MICAL USED	QUANT	PITT D.	TE ORT	BEATED	DRPTH C	LEANED OUT
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ial.			10	3,14	10-	476	10-15/2	<u> </u>	
									
Results o	of shooting	er sheznical t	restment	losed Tw	5 . TUZ	of jes jer	day at	ter smabb	ing.
			RECORD O	P DRILL-9	TEM AND	PECIAL TEST	8		
If drill-st	tem or other	apecial tests				ubmit report of		e sheet and a	ttach hereto.
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	ols were u		terf sea	4/3	iti	, and from	-	_feet to	feet
			-	PRO	DUCTION		-		•
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The prod	uction of the	first 34 hou	rs was		barrels o	fluid of which.		% was oil;	%
				%	odiment. C	ravity, Be			
		r 24 hours	1.2 .	4.7	Gallons	asoline per 1,00	00 cu. ft.	of gas	
Rock pre	esure, lhe. p	er sq. 12		a dice	co Lett	w.			•
			*		LOYEES				
					ler				Driller
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			Lotal Depti, 4825	
			6 (1995) 6 (1998) - Standard	
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		ļ	districts 4585	
			Karaman and American American American American American American American American American American American	
			HTLL NTS: TEST NO. 1 - Obsober 2, 1946 L.S.T. #1, tested from 4710* to 4765*.	
			Tool open at 1:07 % gas to survive in 13 minutes .	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	day; 10 minutes 57,700; 20 minutes 60500; 40 minutes 60500; 47 minutes 60500; Glosed in for 20 minutes build up after 1 hr. 1.5°.P. 1257; FFF 1257; 5.0°.	
;			build up after 1 hr. 1.5°.P. 1257; FP 1257; 5.U.C. 480.°; N.C.P. 24257. Accovered 195° of gas out mid.	
• .			WILL TEN THE THE SE. S. Course S. 1946	
	٠.		ind-?a/B, bested 4787° to 4883°. Tool open 1214 /-M, 10-8-45; gas to surface in 25 minutes; volume in 5 minutes 25.7° 207 per day; 15 minutes	
			25.8 Off 30 minutes 85.6; 45 minutes 55.2 MF; 1 hr. 36 25.0 MF; 1 hr. 15 minutes 42.5 MF; 1 hr. 30 minutes	
			44.8 LF; 1 hr. 45 minutes 45.2 LF. Closed tool after 2 hrs. 8 minutes. Took 26 minute build up.	
			rancovered 180° of gas out rade, L.F.F. 280F; F.F.P. SECF, B.U.P. 1410F; McC.P. 2580F.	
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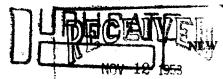
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NEW MEXICO OIL CONSERVATION COMMISSION BOX 2045 HOBBS, NEW MEXICO

DATE November 30, 1953

		DAID_	MOACITIONS D	
TO: Cities Service Oil Company				
Box 97, Hobbs, New Mexico	••		·.	
GENTLEMEN:		•		
Form C-104 for your Andres 5	3.	1-25-37	Justis	
LEASE	WELL	S.T.R.	PCOL	
has been approved, however, since this	s well is:			
() An unorthodox location,				200
() Located on an unorthodox prorat:	ion unit,			
() Outside the boundaries of a des	ignated pool	,		
it will be necessary for you to;			• .	
() Comply with the provisions of Ru	ile 4 of Com	mission Orde	r	
() Comply with the provisions of Ru	ıle 7 of Com	mission Orde	r	· .
() File Form C-123				
Pending further Commission action this	s unit will	be assigned	an	acre
allowable.		٠		
Normal Unit 160 Acres				
	ଞ୍ଚଣ			
	A. L. Por Proration	•		•
	1101411011			•
ALP/pb				
cc/ Transporter Il 2000 Habural Was (3o₃			



MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

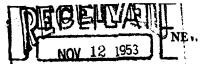
It is necessary that Forta 10404 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

HOBBS-OFFICE

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator. Olties Service Cil Co	Lease Hodges "B"
Address Box 97, Hobbs, New Maxico	hapire-Masonic Bldg., Bartlesville, Okla.
(Local or Field Office)	(Principal Place of Business)
Unit, Well(s) No, Sec	1, T. 259 , R. 371 , Pool Justis Ges Pool
County Kind of L	case: Ratentad
If Oil well Location of Tanks	
Authorized Transporter. El Paso Natural Gas	Gen pany Address of Transporter
Jal, New Mexico	Finelpal Place of Business)
Per cent of Sir r Natural Gas to be Transported 10	024 Other Transporters authorized to transport Oil or Natural Gas
from this unit are	TE .
REASON FOR FILING: (Please check proper box)	en en en en en en en en en en en en en e
NEW WELL.	CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER	OTHER (Explain under Remarks)
REMARKS: This report is to change Hod to the Justis Gas Pool.	ges "B" # 1 Gaswell from the Justis Oil Pool
	•
The undersigned certifies that the Rules and Regu	ulations of the Oil Conservation Commission have been complied with.
Executed this theday of	
Approved NOV	Cities Service Cil Company
Approved, 19	By Call M Haple
OIL CONSERVATION COMMISSION	By Skills III Justin
By Tanley	TitleDistrict Superintendent
Title Engineer District 1	

(See Instructions on Reverse Side)



EXICO OIL CONSERVATION COM. SION Santa Fe, New Mexico

IL CONSTRUCTION COMMERCUEST FOR YOUR - (GAS) ALLOWABLE

New Well

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

	•		(Place) (Date)
			IG AN ALLOWABLE FOR A WELL KNOWN AS:
Citle s	Service	Oil Com	pany Hodges "B", Well No. 1, in 14 54 14
-	•	perator)	
(Unit)			, T. 253 , R. 37E , NMPM , Justis Ges Pool
, ,			County. Date Spudded. 9-5-46 , Date Completed 10-7-46
			Date optioded
Please	indicate	location:	
	İ		Elevation 3134 Total Depth 4823 P.B.
- et e .			Nome.
		 -	Top of gas pay 4750 Prod. Form (Paddock) (Clorie
			Casing Perforations: or
			Depth to Casing shoe of Prod. String
			Deput to Casing since of 110d. String
		<u> </u>	Natural Prod. Test
•			
			based onbbls. Oil in Hrs Mins.
Size	Feet	Sax	Based on bbls. Oil in Hrs. Mins Gas Well Potential Con Flow 480.0 Mor
3-3/8*	311'	250	
			Size choke in inches. Open Flow
9-5/84	26261	1350	
7*	4747	350	Date first mix nucleotank xxx gas to Transmission system: 10-14-1946
	**************************************	000	Transporter taking Off or Gas: A Page Natural Gas Company
		1	Transporter taking our or oas:
	Justia	Gas Pool	to shange Hodges *H* / Gaswell from the Justin Oil Pool
	certify th	at the inform	mation given above is true and complete to the best of my knowledge. C1-ties Service Cil Company
		107 6 3 1	(Company of Operator)
oved		RVATION (COMMISSION By: 10/04/1/ FRIGHT
oved		RVATION (COMMISSION By: Lally (Signapore)
oved		EVATION (COMMISSION By: 10/04/11/ FRIGHT

NOV -6 1951

A Community of the Comm	Indicate natur	e of repo	rt by checking below.		
REPORT ON BEGIN	NING DRILLING		REPORT ON REPAIRING	3 WELL	
REPORT ON RESUL- CHEMICAL TRE	T OF SHOOTING OR ATMENT OF WELL		REPORT ON PULLING C ALTERING CASING	R OTHERWISE	
SHUT-OFF	T OF TEST OF CASING		REPORT ON DEEPENIN	G WELL	
REPORT ON RESUL	T OF PLUGGING OF WELL		Gas Well SI Pressur	8	X
	November 2,	1951	Hobbs,	New Mexico	1,11,11
	######################################		Date	Place	***************************************
,	n the work done and the results o				
Cities Service	Oil Company Ho Company or Operator of Sec. 1	odges-i	Lease Well No.	1	in the
C SW SW	of Sec. 1		, T. 25S , R.	37£	N. M. P. M.,
Just is	Pool				
***************************************				***************************************	County.
The following	المراز الشراطين ولايا الرازية والمسترا				
given below:	Semi-Annual SI Pressur	e for	October, 1951 on Hod	ges—3 #1 wel	l is
given below:	Semi-Annual SI Pressur	e for	October, 1951 on Hod	ges-3 #1 wel	lis
	Semi-Annual SI Pressur	e for			
Well Hodges-B #1	Semi-Annual SI Pressur Date Taken 10-5-51	re for	October, 1951 on Hod Time Shut-In 24		
<u>Well</u>	Semi-Annual SI Pressur <u>Date Taken</u> 10-5-51	re for			
<u>Well</u>	Semi-Annual SI Pressur Date Taken 10-5-51	re for			
<u>Well</u>	Semi-Annual SI Pressur <u>Date Taken</u> 10-5-51	re for			
<u>₩ell</u> Hodges-B #1	<u>Date Taken</u> 10-5-51				Pressure
Well Hodges-B #1 Vitnessed by Fre	Date Taken 10-5-51 od G. Bernard El		Time Shut-In 24 atural Gas Company	Shut-In 952 Gas ingi	Pressure
Well Hodges-B #1 Witnessed by Fre	Date Taken 10-5-51 ad G. Bernard El Name RYATION COMMISSION		Time Shut-In 24 atural Gas Company Company I hereby swear or affirm that	Shut-In 952 Gas ingi	Pressure
Well Hodges-B #1 Vitnessed by Fre	Date Taken 10-5-51 ad G. Bernard El Name RYATION COMMISSION Name Name		Time Shut-In 24 atural Gas Company Company I hereby swear or affirm that is true and correct.	Shut-In 952 Gas Engi	Pressure
Well Hodges-B #1 Witnessed by Fre	Date Taken 10-5-51 ad G. Bernard El Name RYATION COMMISSION		Time Shut-In 24 atural Gas Company Company I hereby swear or affirm that is true and correct. Name /	Shut-In 952 Gas Engi	Pressure

NOV - 6 1951

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified

	Indicate nat	are of report	by checking be	low.		
REPORT ON BEGINNIN OPERATIONS	NG DRILLING		REPORT ON	REPAIRING WEI	J	
REPORT ON RESULT O CHEMICAL TREAT				PULLING OR OTH	ERWISE	
REPORT ON RESULT OF SHUT-OFF	OF TEST OF CASING		REPORT ON	DEEPENING WE	LL	
REPORT ON RESULT O	OF PLUGGING OF WELL		Gas Well	Open Flow		I
	November	5, 1951	Date	Hobbs, New	Mexico Place	37.
Wallandard to a second on Albandard	he moule done and the result	a abtained und	au tha haadina u	atad ahawa at tha		
Cities Service C				Wall Ma	1	
C SW SW Com	npany or Operatorof Sec		25S	, R 37E	, 1	v. m. p. m
Justis	Pool	Lea			igai Stori Stori Stori	County
The detect of this mark ma	re as follows:		_		,	•
		•		LTS OBTAINED		
	Flow test on Hodge	•			and is	given
The Annual Open below:	Flow test on Hodge	s-B was ta		August, 1951		given
The Annual Open	Flow test on Hodge	•			lune	given
The Annual Open below:	Flow test on Hodge	s-B was ta		August, 1951 Gas Vo	lune	given
The Annual Open below:	Flow test on Hodge	s-B was ta		August, 1951 Gas Vo	lune	gi.ven
The Annual Open below: Well Hodges-B #1	Flow test on Hodge	s-B was ta ate <u>Taken</u>		August, 1951 Gas Vo 460 MC	lune	
The Annual Open below: Well Hodges-B #1	Flow test on Hodge	s-B was ta ate <u>Taken</u>	ken during	August, 1951 Gas Vo 460 MC	lume F/day	
The Annual Open below: Well Hodges-B #1 Vitnessed by Fred	Flow test on Hodge D 8	s-B was to	kan during	Gas Vo 460 MC	lume F/day Engineer	
The Annual Open below: Well Hodges-B #1 Witnessed by Fred	Flow test on Hodge Bernard El	s-B was ta late Taken 1-17-51	company	Gas Vo 460 MC	lume F/day Engineer	
The Annual Open below: Well Hodges-B #1 Witnessed by Fred APPROVED:	Flow test on Hodge G. Bernard El Name ATION COMMISSION	s-B was to late Taken l-17-51 Paso Natu	company thereby swear or true and correct	Gas Vo 460 MC	Lume F/day Engineer Title Cormation given	

Address Box 97, Hobbs, New Marice

OIL CONSERVATION COMP.....ON

Title

Miscellaneous Reports on Weller COMSERVATION COMMISSION

HOBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT C	N REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR			ON PULLING OR OTHERWISE	╂
CHEMICAL TREATMENT OF WELL REPORT ON RESULT OF TEST OF CASIN	rc	_	ING CASING ON DEEPENING WELL	-
SHUT-OFF		REPORT	M DERPENING WELL	
REPORT ON RESULT OF PLUGGING OF	WELL	Gas Well	SI Pressure	X
Mav	7, 1951		liobbs, New Mexico	
		Date	Place	**************
OIL CONSERVATION COMMISSION, ANTA FE, NEW MEXICO. Lentlemen:				÷
following is a report on the work done and t	he results obto	ined under the he	eading noted above at the	
Cities Service Cil Company	H	odees #3#	1	
SW SW Company or Operator SW of Sec	1	255	37E	
istis		Lea	, R, N.	M. P. M
ISTIS FieldFieldField				County
otice of intention to do the work was				19
e following Semi-Annual SI pre	** . *		ESULTS OBTAINED . well is given below:	
	ssure on to	odges "3" [1 ime Shu t-i n	. well is given below: Shut-in Pressure	
	ssure on to	odges "3" gl	. well is given below:	
Date Taken odges "B" #1 4-24-51	ssure on 16	odges "3" [] <u>ime Shut-in</u> 4	well is given below: Shut-in Pressure 922	
odges "B" #1 Date Taken 14-24-51 Titnessed by H. E. Massey Ci	ssure on 16	odges "3" fl ime Shu t-in 4 Je Vil Co mpe	well is given below: Shut-in Pressure 922 District Engine	er
<u>Date Taken</u> odges "B" #1 4-24-51	ssure on 16	odges "3" fl ime Shu t-in 4 Je Vil Co mpe	well is given below: Shut-in Pressure 922	er
odges "3" #1 Date Taken 14-24-51 Vitnessed by H. E. Massey Ci	ssure on $\frac{1}{2}$	odges "3" [1 ime Shut-in 4 de Vil Compa	Shut—in Pressure 922 District Engine pany Title	er
Date Taken odges "B" #1 4-24-51 Vitnessed by H. E. Massey Ci Name Subscribed and sworn before me this	ssure on to $\frac{1}{2}$	ine Shut-in 4 ce Oil Compa Com I hereby sweats true and com	Shut-in Pressure 922 Thy District Engine pany True or or affirm that the information street. Massing	iven above
Date Taken odges "3" #1 4-24-51 Vitnessed by H. E. Massey Ci Name Subscribed and sworn before me this	ssure on to $\frac{1}{2}$	ine Shut-in 4 ce Oil Compa Com I hereby sweats true and com	Shut—in Pressure 922 Thy District Engine pany True r or affirm that the information greet.	iven above
Date Taken Judges "3" #1 4-24-51 Witnessed by H. E. Massey Ci Name Subscribed and sworn before me this	ssure on to $\frac{1}{2}$	ine Shut-in 4 Se Oil Compa Com I hereby swear is true and com Name Position	Shut-in Pressure 922 Thy District Engine pany True or or affirm that the information street. Massing	iven above
Date Taken Judges "B" #1 H. E. Massey Ci Name Subscribed and sworn before me this th day of Hay That Farmon	ssure on Re 2	ine Shut-in 4 Ce Oil Compa Com I hereby sweat is true and com Name Position Representing	Shut—in Pressure 922 Thy District Engine r or affirm that the information street. District Engineer Cities Service Oil Comp	iven above
Subscribed and sworn before me this	ssure on Re 2	ine Shut-in 4 Se Uil Compe Com I hereby swearis true and com Name Position Representing	Shut-in Pressure 922 Thy District Engine For or affirm that the information street. District Engineer Cities Service Oil Componer	iven above

POJUS - POJUS

OIL CÖNSERVATION COMMISSION

OCT 16 1950

OIL CONSERVATION COMMISSION HOSS-CFI.CE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work

ns, results of sho ns, even though t ned and sworn to	o before a notary public. S		instructions in the Rule port by checking below.		
EPORT ON BE	GINNING DRILLING OF			PAIRING WELL	
	ULT OF SHOOTING OR C	HEM-	REPORT ON PU	LLING OR OTHERW	ISE
EPORT ON RES SHUT-OFF	SULT OF TEST OF CA	SING	REPORT ON DE	EPENING WELL	,
PORT ON RES	ult of plugging of v	WELL	Gas well SI	ressure	x
	Octob	er 13, 19		m, New Mexico	
L CONSERVAT NTA FE, NEW ntlemen:	ion commission, Mexico		Date	Pl	ace
	rt on the work done and th	e results obta H ed ger	- #8#	noted above at the	in the
C SW SW	Company or Operator	1	Lease r 25S	R 3715	<u>\$</u>
Justis	of Sec Field	Los	, T	., R	, N. M. P. M., County
approval of th	ne proposed plan 196 (was DETAILED ACCOUNT ong required Semi-Am	not) obtainer OF WORK	DONE AND RESULT	s OBTAINED	is given
d approval of th The fellewir below:	ne proposed plan yys (was DETAILED ACCOUNT ing required Semi-Am	s not) obtainer of WORK	ed. (Cross out incorrect DONE AND RESULT ressure en Hodges	words.) S OBTAINED	
d approval of the fellowing below:	Date Taken	s not) obtainer of WORK	ed. (Cross out incorrect DONE AND RESULT	words.) S OBTAINED "H" No. 1 well Shut-in P	ressure
The fellewir below: Well Hedges "B" h	Date Taken Date Taken 10-3-50 H. 3. Massey C1	onot) obtained of OF WORK mual SI pr Time 24 1	ed. (Cross out incorrect DONE AND RESULT ressure en Hodges e Shut-in hours ice Oil Company	words.) S OBTAINED	ressure_ la
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d approval of the The fellowing below: Well Hedges "B" had be the seed by Frank and seed by Frank for the see	Date Taken Date Taken Date Taken Date Taken No. 1 10-3-50 H. 3. Massey C1 Name Sworn before me this October Notary	onot) obtained of OF WORK mual SI process Time 24 1 ties Servi	ed. (Cross out incorrect DONE AND RESULT ressure en Hodges Shut-in hours Company Company I hereby swear or affi is true and correct. Name Position Representing Citi Com	Shut-in Polistrict Engineer t Engineer as Service Cil Capany or Operator	Title on given above
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OIL CONSERVATION COMMISSION

F 12 12 11

Title

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

	indicate nat	are or reb	OF DY CHECKING	below.		
REPORT ON BEGINNING I	RILLING OPER	A-	REPORT	ON REPAIRIN	G WELL	
REPORT ON RESULT OF SHO ICAL TREATMENT OF W	OOTING OR CHEI	м-		ON PULLING CASING	OR OTHERWIS	C
REPORT ON RESULT OF 'SHUT-OFF	FEST OF CASIN	IG	REPORT	ON DEEPENIN	G WELL	
REPORT ON RESULT OF PL	UGGING OF WEI	T	Gas Well	SI Pressure	31111111111111111111111111111111111111	x
	Apr	1 24.	1950	Hobbs	New Mexico)
OIL CONSERVATION COMM SANTA FE, NEW MEXICO Gentlemen:	ISSION,		Date		Plac	6
Following is a report on the wo				heading noted a	bove at the	<u> </u>
Cities Service Oi		Hodges	<u> 11 311 </u>	Well	No1	in the
C SW SW Company or					2. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	
	of Sec		, т. 255		3 7 B	
Justis	Field,					County.
The dates of this work were as	follows:			<u> </u>	<u> </u>	
Notice of intention to do the	work was (was no	t) submiti	ed on Form C	-102 on	<u> </u>	19
Took required Semi-And Well	Date Take			itesults as Shut in	Pressure_	
Hodges "B" No.	1 4-7-50		24 hrs .		1180#	1
		•				26 1
Witnessed by H. E. Mass	er Gitie	s Servi	ce Oil Co.	District	Engineer	•
vichessed by 11. Be 12.55	Name			npany		Title
Subscribed and sworn before	a ma thia	 	I hereby swear	or affirm that	the information	given above
			is true and cor	10	_	
24 th day of Apri	<u>1</u>	19	Name		rssey	
Fred Farrson			Position	istrict Eng	dne er	
	Notary Pu	blic	Representing _	Cities Serv	ice Oil Com	pany
		1.00		Company or	Operator	
My commission expires Fe	oruary 8, 195	54	Address Draw	er G., Hobb	s, New Mexcl	C6
Remarks:				Now	, yeuls	Name J

Glonn Staley Procedica Office Hobbs, New Mexico. HULE Of COMPLETION OF: (Lease) Hobbs, New Mexico. HULE Of COMPLETION OF: (Lease) Hobbs, New Mexico. HULE Of COMPLETION OF: (Lease) Hobbs, New Mexico. HULE Of Completion of Hime: HULE Of Completion of Hime: HULE Of Completion of Hime: HULE Of Completion of Hime: HULE Of Completion of Hime: HULE OF COMPLETION OF: (Lease) HOUSE OF HIME: HOLD			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		ito er 1			4		
Glemn Staley Proration Office Hobbs, New Maxico. L K J X K N O P				2400		•		i		
Glemn Staley Proration Office Hobbs, New Maxico. L K J X K N O P	* *					* \$				
Proration Office Hobbs, New Maxico. REFIGE OF COMPLETION OF: (Lease) No. 18	•			•				. (DIC	BA
METICE COMPLETION OF: (Lease) 100 to 1			: e	Designa	te UNIT	well is	locate	din	E F	G H
METICE OF COUPLETION OF: (Loase) 100 res	and the same	Hobbs, New Mexi	€0•			· · · · · · · · · · · · · · · · · · ·		•	1. K	
RETION OF COMPLETION OF: (Lease) 100 vs Well No. 1 Section 1 Tourship Na Range 9 DATE STATE THAT THE TOUR SECTION OF THE TOU		manking the second						i	-	
Section 1 Township No. Range No. DATE STACTED 3-46 DATE CONTANTO 10-46 DATE CONTANT TO					Maria de la composición dela composición de la composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición de	4		j	M N	0 P
Section 1 Township No. Range No. DATE STACTED 3-46 DATE CONTANTO 10-46 DATE CONTANT TO		TOTAL TOTAL OID A CONTOX	DELTON OR . IT.			4 -		Wall Ma		3
DATE STATES 3-18 DATE STATES 3-18 DATE COLUMN 10 ELSTATO 10		ACTUS OF CONTL	from Cr. (De	ne bil	X : 03	feet fr				
DATE STATED 316 DATE COLDING 10-1 ELEVATION 11-1 ELEVATION 11-1 TO'L DEFT 51. 23 ROTARY TOOLS A CASHIG RECORD CASHIG RECORD SIZE 13-3/8" DEFT 300 SAX CENENT 250 SIZE 7" DEFT AMA CENENT 350 THERE ANCORD 1550 ACID RECORD DEFT 4981 ACID RECORD DEFT 4981 ACID RECORD DEFT 4981 NO. GALS 3,000 NO. GIS. NO. GALS NO. GIS. NO. GALS NO. GIS. FOUNDATION TOPS Anhydrito 10 San Andree 3635 Top Sait Gloriette 4885 T		Section 1 T	ownship 28	Range	217					•
DATE COULTED 10-7- ELEVATION TO 1-1 DEPTH 5.L			O 110111 P						:,	
ELEVATION TO SET S.L. STATE TOOLS X CASHG RECORD SIZE 12-3/6" DEPTH SH' SAX CENENT 250 SIZE 3-5/6" DEPTH SH' SAX CENENT 1350 SIZE 7" DEPTH ATA SAX CENENT 350 TURBER RECORD SIZE 2" SUB DEPTH 4821 ACID RECORD NO. GALS 3,000 NO. GES NO.			DATE	TARTED) 16	***				19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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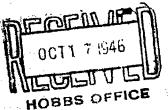
SCOUT REPORT NEW MEXICO OIL CONSERVATION COMMISSION

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OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Miscellaneous Notices

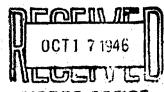


NOTICE OF INTENTION TO TEST CASING X NOTICE OF INTENTION TO SHEMICALLY TREAT WELL NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO REPAIR WELL Hobbs, New Mexico Gentlemen: Following is a notice of intention to do certain work as described below at the Cities Service Oil Company Hodges "" Well No. 1 Company or Operator 1 258 , R 373 Lease of Sec. 1 7 258 , R 373 Lease FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE C Ran 4747° of 7" OL 237 casing sot at 4725° and cemented W at 3:30 P.M. 10-4-6. Total depth well is 4823°. Casing will be test 1 000# pressure w/ all valves closed and letting it stand one hour. Approved OCT 17 1946 , 19 Citles Service Oil C Genseary Approved OCT 17 1946 , 19 Citles Service Oil C Genseary By Citles Service Oil C Genseary By Citles Service Oil C Company Company Citles Service Oil C Genseary By Citles Service Oil C	LL OR
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Highly, New Mexico Cotober OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the Company or Operator OIL T 2558 OT 1 T 2558 Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OIL Company or Operator OCCUPTY FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMPAN AT THE RULES AND REGULATIONS OF THE RULES AND REGULATIONS OF THE RULES AND REGULATIONS OF THE RULES AND REG	UG WELL
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OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the Strice Oil Company Hodges "5" Well No. 1 Company or Operator T 25S R 37% N. M. P. M. Wildcat Lea County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE C Ran 4747° of 7" OD 25% casing sot at 4785° and cemented w/ t 3:30 P.M. 10-4-46. Total depth well is 4822°. Casing will be tes 2000% pressure w/ all valves closed and letting it stand one hour. Approved OCT 17 1946 Approved O	n ve a latin
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the company itodges "b" well No. 1 Company or Operator No. 1 Lease Wildcat T. 255 R. 373 Lease Wildcat T. 255 R. 7. N. M. P. M. Wildcat Tourty. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE C Ran 4747' of 7" OD 237 casing set at 4755' and commented w/ t. 3:30 P.M. 10-4-46. Total depth well is 4823'. Gasing will be tes NOW pressure w/ all valves closed and letting it stand one hour. OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946 Approved OCT 17 1946	4, 1946
Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the company itodges "D" well No. 1 Company or Operator 1 7 258 R 373 Lease Mildcat 1 7 258 R County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE C Ran 4747° of 7" OD 237 casing set at 4785° and comented with a 3:30 P.M. 10-4-46. Total depth well is 4823°. Gasing will be tes 1000 pressure w/ all valves closed and letting it stand one hour.	Date
Following is a notice of intention to do certain work as described below at the Cities Service Oil Company Modres "D" Well No. 1 Company or Operator Lease of Sec. 1 , T. 258 , R. 37% , N. M. P. M., Wildcat County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE CORNER AT 4747 of 7" OL 23% casing sot at 4725 and comented w/t 3:30 P.M. 10-4-46. Total depth well is 4823. Casing will be test to pressure w/ all valves closed and letting it stand one hour. Approved OCT 7 1946 , 19 Cities Service Oil Company of the company of	
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OIL CONSERVATION COMMISSION, Name Cities Service	y Operator rintendent
Address may "G", Hob	rintendent ns regarding well to

Form C-108

OIL CONSERVATION COMMISSION

Santa Fe, Nev. Mexico



MISCELLANEOUS REPORTS ON WELLS

Sumbit this report in triplicate to the Oil Conservation Commission or its proper agent within ten cays are the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

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Ran 47 at 3:30 P.Moressure w/ pressure di Vitnessed by Subscribed an 14th day	R. W. Ely No. 10-4-46. Total all valves closed do not drop. R. W. Ely No. 10-4-46. No. 10-4-46. Total all valves closed do not drop.	Cincary Public	obtained. WORK DO SET 11 SET 11 TION SET 1	Cross out in DATA AND RES	Company pany cate Service Company or Open	O sax. I applying hich time st. Supt. T formation given the same state of the same	the
Ran 47 at 3:30 P.M pressure w/ pressure di Witnessed by Subscribed an 14th day My commission Remarks:	R. W. Ely No. 10-4-46. Total all valves closed do not drop. R. W. Ely No. 10-4-46. No. 10-4-46. Total all valves closed do not drop.	Cincary Public	obtained. WORK DO SET 11 SET 11 TION SET 1	Cross out in DATA AND RES	Company pany cate Service Company or Open	O sax. I applying hich time st. Supt. T formation given the same state of the same	the down
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Santa Fe, New Mexico

ANEOUS NOTICES triplicate to the Oil Conservation Commission or its proper agent before the returned to the sender on which will be given the approval, with

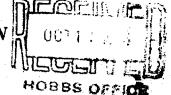
to negin. A cody	will be refurned	to the	Remmer .	OH ATTICE	r 44111	No Pri	LOTT CIT	e approva	, 171411	ன் பிர	Junio	CIOTO	COH.
sidered advisable.	or the rejection	by the	Commi	ssion or	agent,	of the	e plan	<u>s</u> ubmitted	. The p	lan as	appro	ved sh	ould
be followed, and	work should not	begin	until a	pproval	is obt	ained.	See	additional	instruct	ions in	the	Rules	and
Regulations of the										. 13			
						-Look		١٨					

NOTICE OF INTENTION TO TEST CASING	tice by checking below: NOTICE OF INTENTION TO SHOOT OR	
SHUT-OFF	CHEMICALLY TREAT WELL	X
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		
Hooks, Je	Flace October 4, 19	1 6
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen:		
Following is a notice of intention to do certain work as o	escribed below at the	SW
Cities Service Oil Company Hodges	, Well No. 1	
of Sec. 1, T. 253 R. 37E	N. M. P. M., Wildcat	Field
eaCounty.		
FULL DETAILS OF PR FOLLOW INSTRUCTIONS IN THE RULES	AND REGULATIONS OF THE COMMISSION	
•	AND REGULATIONS OF THE COMMISSION Line. To be eddized w/ 3,000 gallor	as :
FOLLOW INSTRUCTIONS IN THE RULES well drilled to total depth of 4825° rom 4760°-4823°. 13-3/8" set at 322°, 9-	AND REGULATIONS OF THE COMMISSION Line. The mediated w/ 3,000 gallon Cities Service Oil Company Company Operator By Position 11st. Supt.	
FOLLOW INSTRUCTIONS IN THE RULES Well drilled to to all depth of 4825* From 4760*-4823*. 13-3/3* set at 322*, 9- 1755*. Approved	AND REGULATIONS OF THE COMMISSION Line. The me midized w/ 3,000 gallon Cities Service Oil Company Company of Operator By	

OIL CONSERVATION COMMISSION

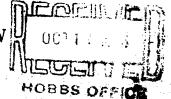
Santa Fe, Now Mexico

MISCELLÁNEOUS REPORTS ON WELLS



Sumbit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on heginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

REPORT ON BEGINNING DRILLING OPERA-	
REPORT ON REGINNING DRILLING OPERA-	
TIONS REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEM- ICAL TREATMENT OF WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	i i
October 8, 1936 Hobbs, New Mexico	
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:	}
Following is a report on the work done and the results obtained under the heading noted above at the Cities Service DII Company	
Company or Operator Lease SW SW of Sec. 1 255 37E	in the
Wildoat Field, Lea	N. M. P. M.,
The dates of this work were as follows:	County.
Notice of intention to do the work was (was not) submitted on Form C-102 on	46
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED	19
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 millions from 4760°-4823° Glories	y Terrany (1900) Terrany
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760'-4823' Gloriet DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing. R. W. Elv Cities Service Oil Company Dist.	y Terrany (1900) Terrany
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760'-4823' Gloriet DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing. Witnessed by Cities Service Oil Company Dist.	tta by
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760°-4823° Glorier DOWELL. Well flowed 2 million subjected of gas per day after swabbing. Witnessed by Name Company I hereby swear or affirm that the information is true and correct.	tta by Supt.
and approval of the proposed plan FAX (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760°-4823° Glories DOWELL. Well flowed 2 million subic feet of gas per day after swabbing. Witnessed by Name Company Subscribed and sworn before me this is true and correct. October 19 46 Name	tta by Supt.
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760*-4823* Glories DOWELL. Well flowed 2 million subic feet of gas per day after swabbing. Witnessed by Name Company Subscribed and sworn before me this is true and correct. October 19 46 Name Position Sist. Supt.	Supt. Title
and approval of the proposed plan Was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760°-4823° Glorier DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing. Witnessed by Name Company Subscribed and sworn before me this day of October October Name Position Dist. Supt. Representing Cities Service Oil Company Dist. Representing Cities Service Oil Company Dist. Representing Cities Service Oil Company	Supt. Title
and approval of the proposed plan Was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760'-4823' Gloriet DOWELL. Well flowed 2 million subic feet of was per day after swabbing. Witnessed by Name Company Subscribed and sworn before me this October day of October 1 hereby swear or affirm that the information is true and correct. Name Position Giving Sorvice Oil Company List. Supt.	Supt. Title given above
DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Acidized on October 5, 1946 with 5,000 callons from 4760°-4823° Glorier DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing. Witnessed by Name Company Subscribed and sworn before me this is true and correct. October 19 19 18t. Supt. Name Company Dist. October 19 19 18t. Supt. Name Company Ordered Oil Company Dist. October 19 19 18t. Supt.	Supt. Title given above



inlicate to the Oil Conservation Commission or its proper agent within ten days after the work It should be signed and sworn to before a notary public for reports on beginning drilling opera-

tions, results of shooting well, results of test of tions, even though the work was witnessed by an signed and sworn to before a notary public. See a	agent of the	Commission. Reports	on minor operati	ions need not be
Indicate nat	ure of repo	rt by checking below.	·	·
REPORT ON BEGINNING DRILLING OPER TIONS	RA-	REPORT ON REP	AIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHE	EM- X	REPORT ON PUL ALTERING O		WISE
REPORT ON RESULT OF TEST OF CASI SHUT-OFF	NG	REPORT ON DEE	PENING WELL	
REPORT ON RESULT OF PLUGGING OF WE	LL			
Oe to	ber 8, 19	196 Ho	bbs, New Mexic	90
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:		Date		Place
Following is a report on the work done and the r	results obtain	ed under the heading	noted above at the	ein the
Company or Operator SW SWof Sec	1 W ,	Lease 255	, 37E	
Wildoet Field,		Lea	,	, N. M. P. M.,
The dates of this work were as follows:		etcler 5, 1946		County.
DOWELL Well flowed 2 million au				
Witnessed by Name	. 01	Company	l Company I	Mat. Supt.
Yamig				Title
Subscribed and sworn before me this	is	hereby swear or affire true and correct.	m that the informs	ition given above
day of October	19 No	ame	784	
01. 6		osition Dist. Su	ip t.	
_ A Stolf		Cition C	ervice 011 Co)mme ny
Notary Pu	iblic Re	presenting	any or Operator	ombort?
My commission expires in rch 12, 19	4.7 A.		'G", Hobbs, Ne	w Mexico
Remarks: APPROVED Descr OCT 1 1 100	-	R	oy yar	Leant la

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

egulations of the Comp		ndicate natur	é or nom	ce by checking	D610.A.:		
OTICE OF INTENTIO SHUT-OFF	N TO TEST (CASING	x	-1	F INTENTIO	N TO SHOOT	OR
OTICE OF INTENTION	TO CHANGE	PLANS			INTENTIO WISE ALTE	N TO PLUG O	R
OTICE OF INTENTION	N TO REPAIR	WELL	: :	NOTICE OF	T INTENTIO	N TO PLUG V	ÆLL
OTICE OF INTENTION	TO DEEPEN	WELL.					
. * *		Hebbs,	New M	rico Face		September 1	18, 1946
IL CONSERVATION Counts Fe, New Mexico. custlemen: ollowing is a notice of	OMMISSION.	o vertein wo	പ്രദേശം പ്ര	perilog below a	t the	Pate	
ties Service 011		ned\$	es "d"		.Well No	1	a
Sec	T255	R.	37 <u>K</u>	, N. M. P. M	.,	MITGGE	I
		- - -		*	* * *		
Well was dri 524.9° and semen bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	2659° and r 2% Aquagel	ions of ti an 2616.9 and 200	sar regulat	OD set
Well was dri 524.9° and ceman bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri 524.9° and ceman bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri 524.9° and ceman bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri 524.9° and seman bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri S24.9° and ceman bb was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri S24.9° and cemen b was completed	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	ions of ti an 2616.9 and 200	of 9-5/8' sax regular	OD set
Well was dri 524.9° and seman b) was completed rilling plug and	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1	an 2616.9 and 200 be allowe	of 9-5/8' say regular d to set 48	OD set
Well was dri 624.9° and seman eb was completed rilling plug and	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquage1 ement will	nons of Translation 2616.9 and 200 be allowed	of 9-5/8' say regular d to set 48	OD set
Well was dri 624.9° and seman b) was completed rilling plug and	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	AND REGULAT 2659° and r 2% Aquagel ement will Cities Se	rvice Oil	of 9-5/8' say regular d to set 48	OD set
FOLLOW	FELL INSTRUCTION 11ed to a 1 ted w/ 1350 at 2:30 pe	s in the total deposax (11	RULES A th of 3 50 sax	Cities Se	rvice Oil	ef 9-5/8' sar regular d to set 48 Company	OD set

NEW MEXICO OIL CONSERVATION COLMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Sebmit this report in triplicate to the Oil Conservation Commission or its proper agent with a left the work specified is completed. It should be signed and sworn to before a notary public for reports on parinning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and ested in operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

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THURST C	TIME LIFES COL	respons by	CHCCKIUE	Design Wil

REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
EPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
EPORT ON RESULT OF PLUGGING OF WELL	
	Hoths, Mer dexico September 20, 1946
IL CONSERVATION COMMISSION,	Place Date
Santa Fe, New Mexico.	and the state of t
entlemen:	
ollowing is a report on the work done and the Cities Service oil warming	results obtained under the heading noted above at the
Sy Sa Company or Operator	1 Well No. in the 37E
vildcat of Sec.	1 37E , N. M. P. M.
Field	County
ne dates of this work were as follows:	September 19, 1946 September 18, 46
otice of intention to do the work was (was not ad approval of the proposed plan was (was not)	e) submitted on Form C-102 on
674.9° and cemented w/ 1350 sax () ob was completed at 2:30 P.M. 9/1° rilling plug and testing casing.	WORK DONE AND RESULTS OBTAINED tologie of 26.2° and ran 26.6.9° of 9-5/8" OD sec 1150 sex 26 sourcel and 200 sax regular). Cement 7/46. Concert was allowed to set 48 hours before pressure of 1000% was applied with all velves ar Jurian Jaich Line pressure did not drop.
674.9° and cemented w/ 1350 sax () ob was completed at 2:30 P.M. 9/1° rilling plus and testing casing.	til dipth of 26.9° and ran 26.6.9° of 9-5/8" OD sold 1150 sex 23 saugest and 200 sax regular). Cement 7/46. Concert was allowed to set 48 hours before pressure of 1000% was applied with all velves
more and comented w/ 1350 sax () ob was completed at 2:30 P.M. 9/1 rilling plug and besting casing. losed and allowed to stand one hor	til dipth of 26.9° and ran 26.6.9° of 9-5/8° OD so 1150 sex 2.3 saudrel and 200 sax regular). Cement 7/46. Commat was allowed to set 48 hours before a pressure of 1000% was applied with all velves
674.9° and cemented w/ 1350 sax () ob was completed at 2:30 P.M. 9/1° rilling plug and desting casing. losed and allowed to stand one how	til digiti of 2609° and ran 2626.9° of 9-5/8° OD so 1150 sex 23 saudrel and 200 sax regular). Cement 7/46. Coment was allowed to set 48 hours before a pressure of 1000% was applied with all velves ar Juria which time pressure did not drop.
1674.9° and cemented w/ 1350 sax (150 was completed at 2:30 P.6. 9/1° rilling plug and testing casing. losed and allowed to stand one hor Name	til opti of 26.9° and ran 26.6.9° of 9-5/8" OD sollbo som 25 saudrel and 200 sam regular). Cement 7/46. Convert was allowed to set 48 hours before pressure of 1000% was applied with all velves ar Jurie which the pressure did not drop. Company Dist. Supt. Company Title
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674.9° and cemented w/ 1350 sax () ob was completed at 2:30 P.4. 9/1° rilling plug and testing casing. losed and allowed to stand one hos Titnessed by R	1150 sex 25 Adulted and 200 sax regular). Cement: 7/45. Concert was allowed to set 48 hours before pressure of 1000% was applied with all velves ar durie which time pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. 46. Name instrict Superintendent
18674.9° and cemented w/ 1350 sax (1360 sax (1350 sax (1	1150 sex 25 Adulted and 200 sax regular). Cement: 7/45. Count was allowed to set 48 hours before pressure of 1000% was applied with all velves ar Jurie which like pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. 46. Name Position intrict Superintendent Cicies Service Cil Cospany
A completed at 2:30 P	1150 sex 25 August 1 and ran 2616.9' of 9-5/8" OD set 1150 sex 25 August 1 and 200 sax regular). Cement: 7/45. Company as allowed to set 48 hours before a pressure of 1000% was applied with all valves are during which time pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. 46. 19 Name Position is rict Superintendent Representing Cicles Service Cil Company
Pitnessed by R	11.0 pth of 26.9 and ran 26.6.9 of 9-5/8" OD set 11.0 pth of 26.9 and ran 200 sax regular). Cement: 7/46. Compat was allowed to set 48 hours before pressure of 1000% was applied with all valves are during which like pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. A6. 19 Name is rict Superintendent Position Ciries Service Cil Company Representing Ciries Service Cil Company Company Company Operator Operat
Rly Vitnessed by Rly Name Notary Public of the carries of the carri	11.0 pth of 26.9 and ran 26.6.9 of 9-5/8" OD set 11.0 pth of 26.9 and ran 200 sax regular). Cement: 7/46. Compat was allowed to set 48 hours before pressure of 1000% was applied with all valves are during which like pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. A6. 19 Name is rict Superintendent Position Ciries Service Cil Company Representing Ciries Service Cil Company Company Company Operator Operat
R	11.0 pth of 26.9 and ran 26.6.9 of 9-5/8" OD set 11.0 pth of 26.9 and ran 200 sax regular). Cement: 7/46. Compat was allowed to set 48 hours before pressure of 1000% was applied with all valves are during which like pressure did not drop. Company Title I hereby swear or affirm that the information given above is true and correct. A6. 19 Name is rict Superintendent Position Ciries Service Cil Company Representing Ciries Service Cil Company Company Company Operator Operat

CORRECTED COPY

7 MEXICO OIL CONSERVATION COM.

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

submit this notice in tradicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications repersisted advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should not be repersisted and work should not be repersisted and work should not be repersisted. See additional instructions in the Rules and

NOTICE OF INTENTION TO TEST CASING	NOTICE OF INTENTION TO SHOOT OR
SHUT-OFF X	CHEMICALLY TREAT WELL
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL
NOTICE OF INTENTION TO DEEPEN WELL	
Hobba. Ne	w Mexico September 18, 1946
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen:	and the second of the second o
Following is a notice of intention to do certain work as do	escribed below at the in SW SU
of Sec. 1 , T. 2:5S , R. 37E	N. M. P. M. Wildcat Field
	THANKED BY IN AN WARMY
	POSED PLAN OF WORK AND REGULATIONS OF THE COMMISSION
	The commission
727 9 4 9 4 9 9 9	
Well was drilled to a total depth of	6 2659' and 2626.9' of 9-5/8" OD casing my
	f 2659' and 2626.9' of 9-5/8" OD casing ru
and set at 2634.9° and cemented with 1350	Sax. Cementing was completed to 9:50 nm
and set at 2634.9° and cemented with 1350 9/17/46. Cement will be allowed to set	D sax. Cementing was completed to 9:50 n.m.
and set at 2634.9° and comented with 1350	D sax. Cementing was completed to 9:50 nm
and set at 2634.9° and comented with 1350 9/17/46. Cement will be allowed to set	D sax. Cementing was completed to 9:50 nm
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and set at 2634.9° and cemented with 1350 9/17/46. Cement will be allowed to set	D sax. Cementing was completed to 9:50 n.m.
and set at 2634.9° and cemented with 1356 9/17/46. Cement will be allowed to set	D sax. Cementing was completed to 9:50 n.m.
and set at 2634.9' and comented with 1359/17/46. Coment will be allowed to set casing.	D sax. Cementing was completed to 2:30 p.m. 18 hours before drilling plug and testing
and set at 2634.9° and cemented with 1359/17/46. Cement will be allowed to set casing. Approved	Sax. Cementing was completed w 2:30 p.m 18 hours before drilling plug and testing Cities Service Oil Company
and set at 2634.9' and comented with 1359/17/46. Coment will be allowed to set casing.	D sax. Cementing was completed to 2:30 p.m. 48 hours before drilling plug and testing
and set at 2634.9° and cemented with 1359/17/46. Cement will be allowed to set casing. Approved	Sax. Cementing was completed w 2:30 p.m 18 hours before drilling plug and testing Cities Service Oil Company
and set at 2634.9° and cemented with 1359/17/46. Cement will be allowed to set casing. Approved	Sax. Cementing was completed w 2:30 p.m Hours before drilling plug and testing Cities Service Oil Company Company or Operate By
and set at 2634.9° and cemented with 1359/17/46. Cement will be allowed to set casing. Approved	Cities Service Oil Company Company or Operate By Position District Superintendent
and set at 2634.9° and cemented with 1359/17/46. Cement will be allowed to set casing. Approved	Sax. Cementing was completed w 2:30 p.m. Hours before drilling plug and testing Cities Service Oil Company Company or Operate By
Approved	Cities Service Oil Company Company or Operate By Position District Superintendent Send communications regarding well to Name Cities Service Oil Company
and set at 2634.9° and comented with 1359 9/17/46. Coment will be allowed to set casing. Approved	Cities Service Oil Company Company or Operate By Position District Superintendent Send communications regarding well to

NEV. MEXICO OIL CONSERVATION COMMISSIO

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports a see ming dilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important

operations, even though be signed and sworn to be	he work was witnessed	by an agent of the com- additional instructions i	mission. Reports n the Rules and R	on minor operat egulations of the	ions need not Commission.
A A STATE OF THE S	Indicate natur	e of report by checking	g below:		
REPORT ON BEGINNIN OPERATIONS	G DRILLING	X REPORT O	N REPAIRING V	/ELL	
REPORT ON RESULT O			N PULLING OR O	THERWISE	
REPORT ON RESULT O SHUT-OFF	F TEST OF CASING	керокт о	N DEEPENING V	VELI.	
REPORT ON RESULT O	F PLUGGING OF WELL				
		Hobbs, New	Mexico	S	pt. 9, 1946
OIL CONSERVATION Constants Fe, New Mexico. Gentlemen: Following is a report on			ace		Date
Cities Service Cil	Company	Hodges B	777 11 37	1	
CAN CAM	apany or Operator 1	Lease	nEQ.	CEPTE TO	•
Wildon	Field,	Ten			
The dates of this work v			46		Journey
Weld Slip Joint Ca		2° and cemented a	w/ 250 sax en	n September	7, 1946.
Witnessed by R. W.	Name	Cities Service Company			t Superintende
Subscribed and sworn to	before me this	I hereby swe	ar or affirm that	the information	given above
9th day of	September	19 46 Name	St	H	
15	Notary Publi	Position ic, Laz Co., N.M. Representing		rice 011 Con	pany
My Commission expires	March 12, 1947	Address	Drawer "G"	Hobbs, N.	-
Remarks:	627 O JESTS		10	Of Has	brough.
	ROVED			911 4 Cas	inspactor
_ (EP 1		******	Title	

Form C-102

MEXICO OIL CONSERVATION COMMI

Santa Fe, New Mexico

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MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is

OF INTENTION TO SHOOT OR MICALLY TREAT WELL OF INTENTION TO PLUG OR ERWISE ALTER CASING OF INTENTION TO PLUG WELL 8 September 1946 Date Vat the
OF INTENTION TO PLUG WELL 8 September 1946 Date Vat the Well No. 1 in C SW SW
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ins. If charmed to the	anges in the p ne sender. Su action in Rule	roposed plan are co Smit this notice in t s and Regulations o	nsidered advisable a triplicate. One copy of the Commission.	copy of this no will be return	ned following spor	oval. See ad-
Oliai ilisoi			Hobbs, New Mex			DE BIS DEFICI
ita Fe, Ne	RVATION COI w Mexico.	imission.	Place		Date	Ž.,
itlemen:	ov notified the	t it is our intention	to commence the dr	illing of a well t	o he known as Cit:	ies Service Of
odges "I	n Houried Life			Well No1	in C	en en
Sec. 1	Company	or Operator	P. M., Wildcat			75 .
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	† † † †	(Give location	from section or other	legal subdivision	lines. Cross out w	ong directions)
		If state land t	he oil and gas lease i	s No	Assignment No	o
1 1 1		If patented is	and the owner is	O. M. Hode	38	
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	40 ACRES LL CORRECTL		drill well with drilli			Tools
		we propose w	arm wen with armi	ng equipment as	TOHOWS:	*
	Bond appr		e with Rule 39 of the		and Regulations of	the Commission
			g and to land or cen			
propose a		THE DULLES OF COUNTY	s und to have of ten	env mem as mu	czteu:	
ize of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Coment
-1/4"	13-3/8"	27.3#	New	3301	Cemented	250
-1/4"	9-5/8"	36#	New	26001	Cemented	1150
-3/4"	7"	23#	New	4720*	Cemented	350
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hance in	the shore ric	n hacama advisable	we will notify you l	nafana assista	1 - 3.	<u> </u>
nanges in					200	. We estimate
			ld occur at a depth		720 feet.	Me enumere
	ormation:					

Date

Operator

Hodges "B" Lease

Well No.

Name of Producing Formation Paddock (Glorietta) Justis Gas Pool

No. Acres Dedicated to the Well___

SECTION	1TOWNSH	25 <u>–</u> S	_RANGE_	37 - E
a kanana arawa 19				
1.				

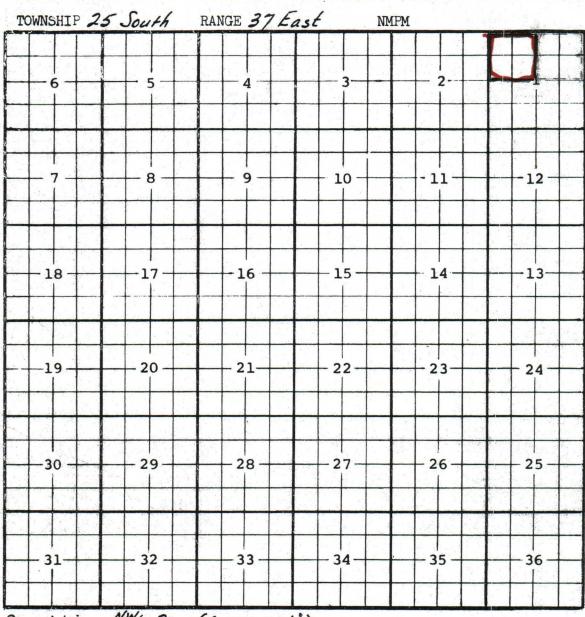
I hereby certify that the information given above is true and complete to the best of my knowledge.

Position District Superintendent

Cities Service Oil Co. Representing

Address Box 97, Hobbs, New Mexico

(over)



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P+ Bled 1984 Cummilative Fred. H. M. CIL CONS. COMMISSION 25730 4895BW P. O. BOX 1990 HOBBE NEW MEXICO 88240 237664MC Form Approved. Form 9-331 Budget Bureau No. 42-R1424 Dec. 1973 UNITED STATES 5. LEASE LC032579 (e): DEPARTMENT OF THE INTERIOR 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **GEOLOGICAL SURVEY** 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 8. FARM OR LEASE NAME Carlson B-1 well 🔯 other well 9. WELL NO. 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME Santa Fe Energy Company 3. ADDRESS OF OPERATOR North Justin Glorieta 11. SEC., T., R., M., OR BLK. AND SURVEY OR 500 W. Ohio, Midland, Texas 79701 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Sec 1 T25S, R3E, NMPI 12. COUNTY OR PARISH 13. STATE MMPM AT SURFACE: SW4, NW4, Sec 1,T25S,R37E AT TOP PROD. INTERVAL: Same Lea New Mexico AT TOTAL DEPTH: Same 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) DF @ 3129, DE 3.5 = agl REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE 0 REPAIR WELL (NOTE: Report results of multiple completies or zone change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) May, 1983 application approved pg 4 for recompletion procedure & P&A. 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* P&A RECORD - See Attached for complete WO & Plug Report 11-1-83 CIBP @ 4775 w/2 sx cmt. Top of cmt 4743

- 11-3-83 · CIBP @ 3190 w/2 sx cmt.
- 11-9-83 Retainer set @ 2299.47' squeezed w/80 sx Class "C" Neat. Spotted 2 sx cmt on top. Spotted 20' plug from 1800 to 1610'. Set retainer @ 890', squeezed w/80 sx Class "C". Spotted 2 sx cmt on top of
- 11-11-83 Cut off wellhead, set 20' plug. Cleaned location.

Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct SIGNED BILLE ST. Prod. Clerk DATE	1-12-84
APPROVED BY APPROVAL, IF ANY: (This space for Enderal or State office use) APPROVED BY TITLE DATE	7-22.86

WELL WORKOVER REPORT Carlson B1 #2 AFE 2993

10-26-83

Set frac tank. Moved in and rigged up pulling unit. Rigged up B.O.P. with blind rams and 2 3/8" tubing rams. Strap out of hole with tubing. Laid 156 joints of tubing down. Shut down for the night.

10-27-83

Rigged up Star Tool overshot. Ran in hole and picked up tubing in singles. Pulled out of hole. Did not have fish. Rigged up 3' extension on overshot. Ran in hole and tagged fish at 4818'. Rolled off top of fish. Went down 3' and set 6 points down on fish. Went down hole one foot and picked up on tubing. Pulled 12 points over weight. Pulled -ree. Pulled two stands with 5 points over tubing weight. Shut down for the night.

10-28-83

Tagged bottom. Pulled out of hole with 153 joints 2 3/8" tubing, fish, 6 joints 2 3/8" tubing, SN, and changeover. Ran in hole with 3 1/8" bit, casing scraper, and 157 joints 2 3/8" tubing. Tagged fill at 4967'. Left 47' of fill. Pulled out of hole. Ran in hole with 4" RTTS packer. Set packer at 4764'. Loaded casing. Pumped in at 4 bpm. Rigged up swab. Made seven runs and swabbed a total of 14 barrels water. Tagged fluid at 2000". Swabbed down to 3000'.

10-29-83

Started swabbing. Tagged fluid at 1500'. Pulled from 2500'. In three hours had swabbed down to 3600'. Swabbed a total of 22 barrels dirty water and a trace of oil. Swabbed to 4000' for a total of 8 barrels water and a trace of oil. The water was cleaning up. Had tail gas after swab run. Shut down for one hour, 300' entry. Swabbed to 4200' for a total of 29 barrels water and a trace of oil. The last run had a 6% oil cut. The casing pressure was 210%. Shut down for the night.

10-30-83

The well was shut in for 16 hours. The tubing pressure was 0# and the casing pressure was 175#.

10-31-83

The tubing pressure was 8# and the casing pressure was 0#. Tagged fluid at 2500'. Swabbed well down to 4400'. Swabbed a total of 35 1/2 barrels water with 3% oil cut. Total fluid recovered in three days was 108 1/2 barrels water.

11-1-83

The tubing pressure was 20# and the casing pressure was 4#. Made three runs with swab. Released packer and pulled up hole to 3219'. Set packer. Loaded hole with 78 barrels 2% KCL water. Tested to 800#, pressure held. Set packer at 3791' and tested to 800#, pressure held. Set packer at 4108' and tested to 800#, pressure held. Set packer at 4794' and tested to 800#, pressure held. Pulled out of hole. Rigged up McCullough. Set Model N cast iron bridge plug at 4775'. Ran in hole with glass bottom bailer. Dumped 32' of cement. Started in hole with tubing.

11-2-83

Finished running in hole with tubing to 4000'. Circulated up tubing with 100 barrels 2% KCL water. Pressured to 800# on casing and it held for four minutes, no leaks. Pulled out of hole with 19 joints. Put spot at 3397' and spotted 250 gallons double iron inhibited 15% Ne Fe HCL with split suspender. Spotted acid from 3397' to 3000'. Displaced with 11.6 barrels 2% KCL water. Pulled out of hole with 108 joints tubing. Rigged up Welex. Ran in hole with 2 3/4" hollow steel carrier loaded with JRC, SSB II charges, on 180 phasing. Perforated top to bottom from 3240' to 3250', 11 holes, all shots fired.

11-3-83

The tubing pressure was 35# and the casing pressure was 0#. Rigged up to swab. Ran in hole and found fluid 25' above the SN. Ran back in hole with swab, came out of hole with no fluid. Shut down for 24 hours to get fluid and wait on zone.

11-4-83

The tubing had 45# pressure and the casing had no pressure. Made three runs with swab and recovered no fluid. Ran in hole and picked up RBP. Pulled out of hole. Laid packer and bridge plug down. Ran in hole with Halliburton CIBP and set it at 3190', 3' off top of liner. Came out of hole laying down tubing. Shut down for the night.

11-5-83

Shut down. Saturday.

11-6-83

Shut down. Sunday.

11-7-83

Rigged up glass bottom bailer and dumped two sacks cement. Ran 96 joints tubing then swabbed to 2290'. Ran Gamma Ray Log. Went in hole with casing guns and perforated from 2990', 2967', 2940', and 2930', 8 shots and no pressure. Perforated 2890' to 2640', 12 shots and no pressure. Perforated 2528' to 2445', 10 shots and no pressure. Perforated 2423' to 2329' 16 shots and no pressure. Rigged down. The fluid level was at 2290'.

11-8-83

Picked up SN and 100 joints tubing. Tagged cement at 3159'. Rigged up swab and tagged fluid at 2300'. Swabbed down to 3144'. Swabbed 6 barrels water, a trace of oil, and no gas. Pulled out of hole. Picked up Baker Cement retainer and ran in hole to 2299'. Shut down for the night.

11-9-83

Rigged up Western. Set retainer at 2300'. Pumping through retainer, squeezed off Seven Rivers and Yates formations with 80 sacks Class C Neat cement at 1500#. Picked up and dumped two sacks cement on top of the retainer. Laid down two joints tubing. Displaced hole with 9.5# mud. Pulled up to 1800'. Spotted cement plug from 1800' to 1610'. Rigged up Welex and perforated two holes at 1075'. Rigged down Welex. Ran in hole with 5 1/2" retainer and set it at 890'. Loaded backside and pressured to 500#. Rigged down Western. Laid down tubing. Rigged down B.O.P. and pulling unit.

11-10-83

Had 2 3/8" DSSHT tubing trucked back to the Seagraves SFE M & S yard.

Dug out and cut off pipe. Fut 20! cement plug at surface. Put dry hole information marker up. Broke out flowline from well to tank battery. Job complete. taring the property of the contract of the con

se hulen

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

Form approved. Budget Bureau No. 42-R1425.

EN SON'S COLDER INSTRUCTION TROOPS (Other instruction)

**		ED STATES		He)		
	DEPARTMENT	OF THE INTER	RIOR		5. LEASE DESIGNATION AND SERIAL N	0.
	GEOLO	GICAL SURVEY			LC032579 (e)	1.1
	Y FOR PERMIT 1	O DRILL, DEEP	EN, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE DR TRIBE NA	I E
1a. TYPE OF WORK		DEEPEN 🗌	PLUG BAG	ск 🔽 :	7. CNIT AGREEMENT NAME	- :
b. TIPE OF WELL			The second second second		/	
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2. NAME OF OPERATOR				tina in tak	Carlson B-1 9. WELL NO.	
Santa Fe El	nergy Company				9. WELL NO.	
	. n 7700 T	40 W Amari 11a	my 70106	: .	10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (R	eport location clearly and	-40 K, Amarillo in accordance with ans : 1, T25S, R37E,	tute requirements.*)			
At surface SW 1/4	, NW 1/4, Sec.	1, T25S, R57E,	NMPN		North Justis Glorie 11. SEC., T., R., M., OE BLE. AND SURVEY OR AREA	<u>:ta</u>
At proposed prod. zon	e Same				AND SURVEY OR AREA	
		·	79.44.	<u> </u>	Sec. 1, T25S, R37E, N	(P)
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5 miles NE	from Jal, N. M		O. OF ACRES IN LEASE	1 17 20	Lea N. M.	
LOCATION TO NEAREST PROPERTY OR LEASE 1	INE. FT.				OF ACRES ASSIGNED HIS WELL	
(Also to Dearest drlg 18. DISTANCE PROM PROP	r. unit line, if any) 6	60'	800.20	20. ROTA	BY OR CABLE TOOLS	
TO NEAREST WELL, II OR APPLIED FOR, ON TH	RILLING, COMPLETED,		5100'		ary.	
21. ELEVATIONS (Show who		20	3100	ı Kot	22. APPROX. DATE WORK WILL STAR	T.
DF @ 3129'	DF 9.5'AGL			•	June 6, 1983	
23.	· · · · · · · · · · · · · · · · · · ·	ROPOSED CASING ANI	CEMENTING PROGRA	M		
SIZE OF HOLE	RIZE OF CASING	WEIGHT PER FOOT	SEITING DEPTH	1	QUANTITY OF CEMENT	 -
11"	8 5/8''	32# & 24#	980'	- 5	00 sacks	
7 7/8"	5 1/2"	14#	3407'		300 sacks TOC 2085'	
4 3/4"	4"	11.6#, 10.46#	3193' to 5098'	. 8	35 sacks	
_ '						
See attach	ed procedure:	Objectives of p	rocedure are:	(l) Det	termine mechanical on test North Justis	
Condition Cloriets f	or well bord an ormation Aban	d down noie equ don zone if non	commercial (3)	3) Atte	empt recompletion in	
					well is noncommercial	L.
	·	•		1	TO COMPANY	
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				RO	SWELL, NEW MEXICO	
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N ABOVE SPACE DESCRIBE one. If proposal is to determine the contract of the co	Irill or deepen directional	roposal is to deepen or p ly, give pertinent data o	ing back, give data on pronsubsurface locations and	esent produ d measured	uctive zone and proposed new product i and true vertical depths. Give blowd	ive out
4.						
SIGNED &	Laumi	TITLE P	roduction Engir	eer	May 5, 1983	
	el as Centradian	2000			DATE	=
(This space for Feder	ar or State office use)					
PERMIT NO.			. DDDGC II DITE			

N. M. CIL CONS. COMMISSION P. O. BOX 1980 HOBBS, NEW MEXICO 88240

Form Approved.

UNITED STATES	
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DEPARTMENT OF THE INTERIOR	LC032579(e)
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
o not use this form for proposals to drill or to deepen or plug back to a different servoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
l, oil gas	Carlson B-1
well * well other	9. WELL NO.
. NAME OF OPERATOR	2
Santa Fe Energy Company	10. FIELD OR WILDCAT NAME
ADDRESS OF OPERATOR 79106	North Justis Glorieta
One Security Park, 7200 I-40 W, Amarillo, Tx.	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA
LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	
AT SURFACE: SW 1/4, NW 1/4, Sec. 1, T25S, R37E	Sec. 1, T25S, R37E, NMPM 12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same NADM	LeaN. M.
AT TOTAL DEPTH: Same	14. API NO.
CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD
QUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	DF @ 3129' DF 9.5 AGL
QUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: 'ST WATER SHUT OFF \square	
ACTURE TREAT	
OOT OR ACIDIZE	
EPAIR WELL LI	(NOTE: Report results of multiple completion or zon
JLL OR ALTER CASING	change on Form 9-330.)
HANGE ZONES	
BANDON*	
ther)	
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent. See attached procedure. Objectives of pro-	rectionally drilled, give subsurface locations and to this work.)*
mechanical condition of wellbore and downh test North Justis Glorieta formation. Aba Attempt recompletion in the Langlie Mattix	ole equipment. (2) Production ndon zone if noncommercial. (3)
P & A if well is noncommercial.	
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I hereby certify that the foregoing is true and correct	MAY 9 1083
Ibsurface Safety Valve: Manu. and Type I. I hereby certify that the foregoing is true and correct SNED TITLE Production Eng. APPROVED (This space for Federal or State office and Correct) PROVED (This space for Federal or State office and Correct) PROVED (This space for Federal or State office and Correct)	

RECOMPLETION PROCEDURE

CARLSON B-1 #2 AFE

Problem: Well was TA in 1974. The B.L.M. has ordered to test the integrity of the wellbore. Condition of the wellbore and downhole equipment is unknown.

Objective: (1) Determine mechanical condition of wellbore and downhole equipment.

(2) Production test North Justis Glorieta formation. Abandon zone if noncommercial.

(3) Attempt recompletion in the Langlie Mattix Pool and/or the Jalmat Pool.

(4) P & A if well is noncommercial.

Well Data: See attached Well Data Sheet.

D. F. elev. 3129'

D. F. to G. L. 9.5'

Surface Casing. 8 5/8" OD 32# & 24# @ 980' w/

500 sx. cmt.

Production Casing. 5 1/2" 14# J-55 @ 3407' w/300

sx. cmt. TOC 2085'

Liner. 4" OD 11.6# & 10.46# N-80 from

3193' to 5098' w/ 85 sx. cmt.

Est. drift 3,351"

TD 5100'

TBG. 3-15-65 - 2" 4.7# @ 5000"

Down Hole Equip. Unknown.

Procedure:

(1) Deliver 174 jts. 2 3/8" OD 5.95# N-80 Atlas Bradford DSS-HT Tbg. to location. Recommended make up torque, 1700 ft - 1b. which corresponds to about 640 psi for B. J. Tbg. Tongs.

- (2) DC to vaive esg. and tog. and eneck pressure.
- (3) Record SI fluid level.
- (4) Vent tbg. to fenced pit through a portable tester. Record oil, water, gas, tbg. pressure, csg. pressure and oriface size. Record final fluid level.
- (5) If well appears productive in present North Justis Glorieta Pool, set test tank as needed and test for one to seven days. If water is produced, have the water analized for formation source and scaling tendancies. Use Martin Water Labs.
- (6) Place frac tank w/ 300 bbls. 2% KCL water.
- (7) MI and RU pulling unit.
- (8) Rig up BOP w/ blind rams and 2 3/8" tbg. rams and stripper.
- (9) Strap OOH w/ tbg. and down hole equipment.
- (10) RIH w/ 3 1/8" bit, bit sub, 3 1/8" csg. scraper and 2 3/8" OD Atlas Bradford tbg.
- (11) Tag PBTD. CIBP shown at 5015' D.F. If junk in hole is above 4900', clean out well and send recovered scale for analysis.

 Do not spend more than 3 days on fishing and clean out efforts.
- (12) RIH w/ 4" pkr. to 3400' and pressure test casing to 800 psi.

 If minor casing leaks are found above 2300', attempt a csg.

 repair by cmt. squeeze.

If major casing repairs are needed and well has not shown promise of commercial production, shut in well pending P & A.

If minor casing leaks are found below 2300', ignore them and continue procedure.

- (13) Swab test well.
- (14) Place well on flowing test if well appears productive.
- (15) Take water sample for analysis if sample not taken earlier or if well conditions are changed.
- (16) POOH w/ tbg. and BHA.
- (17) If Glorieta shows promise of commercial production we will stimulate as needed and place well on long term test.
- (18) If Glorieta proves non commercial set a CIBP @ 4700. Place two sacks cmt. on CIBP.
- (19) RIH w/ tbg. to 4000' and reverse circulate tbg. and wellbore clean w/ 2% KCL water.
- (20) Pull up to 3340' and spot 250 gal. double iron inhibited 15% NE FE HCL w/ silt suspender & surfactant (Est. spot from 3340' to 3017').

(21) Rowireline unit and perforate 43 les at 1 SPF, top and bottom, with a 3 1/8" OD hollow steel carrier loaded with J.R.C. SSB II charges. Shoot the following intervals from top to bottom and with 120° phasing.

3240-50				11	holes
3258-66				9	holes
3272-76	or April 25 Piles			5	holes
3308-18	e in the first			11	holes
3332-38	1.5	*	·	7	holes

- (22) RIH w/ RBP, Pkr., SN, and 2 3/8" tbg. and straddle acidize each interval with 250 gal. 15% NE FE HCL. Treat from bottom interval up. If a zone communicates with another zone, raise packer and treat both zones together.
- (23) Set RBP below Queen zone and swab well down and test Queen zone.
- (24) If Queens formation proves commercial, set a 4" retrievable bridge plug at 3194'+ with two sacks sand on top.
- (25) If Queens formation proves noncommercial, set a 5 1/2" CIBP at 3190'+. Place two sacks cement on CIBP.
- (26) Swab wellbore dry.
- (27) Install 0-10 psi and 0-1000 psi pressure gauges on casing.
 Install blow line to pit. Rig up oriface gas tester.
- (28) MI and RU perforating truck with a standby 5 1/2" drillable retainer and select fire guns.
- (29) RU 30' 2000 psi lubricator.
- (30) RIH with 4" OD hollow steel select fire guns loaded with JRC SSB II charges to fire up to 46 holes over a 663' gross interval in empty 5 1/2" casing. Gross interval is from 2990' in 7 Rivers to 2327' at very top of Yates.
- (31) Perforate two shots at 2990', 2965', 2940' and 2929'. Eight holes total. Shut in well for thirty minutes. Record pressure at 1 min., 2 min., 5 min., 10 min., 15 min., 20 min., 25 min., and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (32) Tag and record fluid level. Perforate two shots at 2888', 2813', 2735', 2701', 2667' and 2640'. Twelve holes total. Shut well in for thirty minutes. Record pressure at 1 min., 2 min., 5 min., 10 min., 15 min., 20 min., 25 min., and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.

- (33) Tag and record fluid level. Perforate two shots at 2528', 2494', 2483', 2458' and 2445'. Ten holes total. Shut in well for thirty minutes. Record pressure at 1, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (34) Tag and record fluid level. Perforate two shots at 2421', 2415', 2406', 2397', 2387' and 2379'. Twelve holes total. Shut in well for thirty minutes. Record pressure at I, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (35) Tag and record fluid level. Perforate two shots at 2348' and 2327'. Four holes total. Shut in well for thirty min. Record pressure at 1, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate above 100 MCFPD.
- (36) If Yates-7 Rivers or Yates-7 Rivers and Queen shows promise of commercial production, shut in well pending stimulation of zones of interest, construction of a battery, and/or connection to gas line.
- (37) If well shows no promise of commercial production, P & A well. Per steps 38 through 42.
- (38) Set a 5 1/2" cmt. retainer at 2300'. Squeeze with eighty sacks Class C neat cmt. at 14.8 ppg. and 1.32 cubic feet per sack or to 1500 psi. Spot two sacks cmt. above retainer.
- (39) Place a twenty sack Class C neat cmt. plug from 1800' to approx. 1610'.
- (40) Place a twenty sack Class C neat cmt. plug from 1075' to approx. 890' need cmt. in annulus 1075' 890'
- (41) Place a three sack cmt. plug from 20' to surface.
- (42) Cut off wellhead below ground level and place plugged well marker.

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Carlson B-1 #2

USGS lease No: LC032579 (e)

SFECO File: NM-47-37-2

North Justis Glorieta Pool

1650' FNL & 660' FWL, (SW1/4, NW 1/4),

(Unit 'E'), Section 1, T25S, R37E,

NNPM, Lea County, New Mexico

Original Operator: Westates Petroleum

SPUD: March 13, 1955. TD @ 3,407',

3-27-55. Completed 3-31-55.

Initial Producing formation: Queen in

the Langlie Mattix Pool

Initial Perfs: 3240' to 3338'

IP: Flowing 147.84 BOPD, 0 BW, GOR 800
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2-27-63: Drld to 5100', set & cmtd 4" lnr from 3193'-5098', sealed off Queen perfs behind lnr.

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Worth Well Temp Survey 3390' to surface
Lane Wells GR/N Log 5079'- 3100', 3-28-63
 Lane Wells Acoustic Log 5049'-3407'
 2-25-63
 11" hole to 985'
 969', 8 5/8", 32# & 24#, surface pipe set
 @ 980' w/400 sx around bottom & 100 sx
from top. 500 sxs total
7 7/8" hole to 3407' orig TD (3411' DD)
 3193
 3240-50 3 SPF - takes inj oil
                                 Frac w/
 per Spinner Survey 3-55
                                  20,000 gal
                                  oil,
                                  20,000 gal
                                  Sand, 3-5:
3258-66 3 SPF - takes inj oil
 per Spinner Survey 3-55
 3272-76 3 SPF
 3308-18 3 SPF
                                  Frac w/
                                 10,000 ga!
3332-38 3 51F
                                 10,000#
                                  Sand 3-55
3397' of 5 1/2" OD 14# 8rd J-55 SMLS csg,
 set @ 3407 w/200 sx 4% gel & 100 sx Neat.
 TOC 20851
 4 3/4" hole 3407'-5100'
 4824'32' 2 SPF - 500 gal MA, 3000 gal NE
HCL, frac w/5000 gal oil & 5000# Sand
 4900-04 2 SPF
 4913-19 2 SPF
                   500 gal MA & 3000 gal
                   NE HCL
 4922-24 2 SPF
 4930-36 2 SPF
 4948-60 2 SPF
4968-80 2 SPF
CIBP. @ 5015'
5048-60 2 SPF
                   500 gal MA & 3000 gal
                   Unisol acid
5068-76 2 SPF.
 4" OD, 11.6# & 10.46#, N-80 Liner, set from
 3193-5098' w/85 sx 50/50 Poz w/2% gel. Rev
out 20 sxs cmt.
                    chala, and
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DF to sea level 3129' - DF TO GL 9.5'

PGAC GR/N Log 3407' to 100' 3-27-55

1974 - Well TA

TD SIDO

MD. BP COMES TECEIVES DISTRIBUTION "TW MEXICO OIL CONSERVATION COMMISSION SANTA FE REQUEST FOR ALLOWABLE FILE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS U.S.G.S. LAND OFFICE OIL TRANSPORTER GAS OPPRATOR PRORATION OFFICE Santa Fe Energy Company O. Box 12058. Amarillo, TX 79101 Regson(s) for filing (Check proper box) Other (Please explain) New Well Dry Gas 011 Recompletion Name change of company Casinghead Gas Change in Cunerable Y f change of ownership give name address of previous owner. Oil Development Company of Texas, P. O. Box 12058, Amarillo, TX 79101 DESCRIPTION OF WELL AND LEASE | Well No. Pool Name, Including Formation Kind of Lease State, Federal or Fee 2 North Justis Glorietta Carlson Bl

1650 Feet From The North

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

Oil Well

CASING & TUBING SIZE

Date Compl. Ready to Prod.

Name of Producing Formation

Dote of Test

Oil-Bhis.

Tubing Pressure

Length of Test

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

(Signature)

(Title)

(Date)

Tubing Pressure (Shut-in)

25S

Township

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Unit

660

is gas actually connected?

Workovet

NMPX

P.O. Box 1492, El Paso, Texas

No - Well shut in Since 6-74

Deepen

37E

New Well

To:al Desth

Top C!1/Gas Pay

Range

P.go.

Gas Well

or Dry Gas XX

E

Name of Authorized Transporter of Oil

El Paso Natural Gas Company

Designate Type of Completion - (X)

Name of Authorized Transporter of Chainghead Gas

Unit Letter

Line of Section

If well produces oil or liquids; give location of tanks.

Elevations (DF, RKB, RT, GR, etc.)

HOLE SIZE

Date First New Oil Run To Tanks

TEST DATA AND REQUEST FOR ALLOWABLE

COMPLETION DATA

Perforettons

OIL WELL

Length of Test

GAS WELL

Actual Prod. During Test

Actual Prod. Test-MCF/D

Testing Method (pitat, back pr.)

CERTIFICATE OF COMPLIANCE

Original Signed By

Anthony J. Welker

Petroleum Engineer

January 19, 1979

Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-85

Legse No.

LC032579(e)

Fed

Plug Back | Same Res'v. Diff. Res'v.

West

P.B.T.D.

Tubing Depth

Deuth Cosing Shoe

Feet From The

Lea

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

TUBING, CASING, AND CEMENTING RECORD DEPTHISET SACKS CEMENT (Test must be after recovery of total volume of load all and must be equal to or exceed top allowable for this depth or be for full 24 hours) Productng Method (Flow, pump, gas lift, etc.) Casing Pressure Choke Size Water - 3bla. Gas - MCF Bbis. Condensets/MMCF Gravity of Condensate Cosing Pressure (Shub-in) Choke Size OIL CONSERVATION COMMISSION 4.1 APPROVED Caig signed 💐 BY. TITLE . This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111. All sections of this form must be filled out completely for allowable on new and recompleted wells. Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transported or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply

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GEOLO	OGICAL SURVEY		LC 0320579 (
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OIL GAS OTHER			7. UNIT AGREEMENT NA	ME
. NAME OF OPERATOR			S. FARM OR LEASE NAM	E
Oil Development Company	of Texas		Carlson B-1	
P. O. Box 12058 Am LOCATION OF WELL (Report location clearly a See also space 17 below.)	arillo, Texas 79101	irements *	2 10. FIELD AND POOL, O	WITELE
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I hereby certify that the presoing is true an SIGNED	d correct TITLE Petroleum	n Engineer	March	1, 1978
(This space for Federal or State office use)				
APPROVED BY	TITLE		walbyerd Dece	n l
CONDITIONS OF APPROVAL, IF ANY:		1 3565	LIER LAU urose	

*See Instructions on Reverse Side

ASCEPTED FOR RECORD

APR 1 7 1378

J. S. GEOLOGICAL SURVEY HOBDS, NEW MEXICO

Form 9-331 May 1963)	UNITED STATE DEPARTMEN. OF THE		N TRIPLIC "E* 5. LEAS	Form approved. Budget Bureau No. 42-R142 SE DESIGNATION AND SERIAL NO.	
	GEOLOGICAL SUI	RVEY	LC	0320579 (e)	alan Va
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	opment Company of Texas			lson B-1	
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*See Instructions on Reverse Side

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

MAR 23 1977

BERNARD MOROZ

ACTING DISTRICT ENGINEER

DISTRIBUTION

SANTA FE	REQUES	T FOR ALLOWABLE	Supersedes Old C-104 an
FILE:	1171/0717471011707	AND	Elfoctive 1-1-65
LAND OFFICE	AUTHORIZATION TO IT	RANSPORT OIL AND NATUR	(AL GAS
TRANSPORTER DIL			
GA5			
PROPATION OFFICE			
Operator			
	t Company of Texas		
Address P O Roy 1205	8, Amarillo, Tx 79101		
Reason(s) for filing (Check prope		Other Please explain	1
New Well	Change in Transporter of:		
Recompletion		301	the state of the s
Change In Ownership XX	Cosmotead Gra 2e_3	des, ate Li	To person the second second second second second second second second second second second second second second
If change of ownership give na	me Westates Petroleum Co.,	971 W 7+b 1 4	
and address of previous owner	mestates retroreum co.,	OIL W. / In. Los Ange	les, Calif. 90017
DESCRIPTION OF WELL A			<u> Kindingan i Kabupatèn</u>
Lease Name	Veli No. Pool Name, including		
Carlson B-1		Glorietta Sidie, F	federal LC 0325
Unit LetterE;	1650 Feet From The North :	the and 660 Feet	From The West
· · · · · · · · · · · · · · · · · · ·			Tom The HEST
Line of Section]	Township 25S Range	37Е , МИРМ,	Lea Con
DESIGNATION OF TRANSF	OPTED OF OU AND NATURAL (746	en en en en en en en en en en en en en e
Name of Authorized Transporter of	CONTER OF OIL AND NATURAL 6		approved copy of this form is to be sent)
Name of Authorized Transporter of	of Casinghead Gas XX or Dry Gas	Address (Give address to which	approved copy of this form is to be sent)
El Paso Natural	Gaş	P. O. Box 1492, F1	Paso, Tx 79978
If well produces oil of liquids, give location of tanks.	Unit Sec. Twp. Pge.	is cas actually connected?	When
- Albania de la composición d			
IT THIS PRODUCTION IS COMMINGIE COMPLETION DATA	d with that from any other lesse or pool	!, give commingling order number	
Designate Type of Comp	Cij Weil Gos Weil	New Well Workover Deepe	n Plug Back Same Res'v. Diff. F
		1. , , , , , , , , , , , , , , , , , , ,	
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, et	c., Name of Producing Formation	Top Cil/Gos Pay	Tubing Depth
		1	
Periolations			Depth Casing Shoe
	TIPING CALLS	ID CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
			JACKS CEMENT
·	!		
			
TEST DATA AND REQUEST DIL WELL		after recovery of soial volume of load Irpsh or be for full 24 hours)	l oll and must be equal to or exceed top a
Date First New Cil Ran To Tonks		Producing Method (Flow, pump, go	as lift, etc.)
Length of Text	Tubing Pressure	Cosing Pressure	Choke Size
Actual Prod. During Test	Oil-Bhis.	Woter-Bbis.	Ggs-MCF
Actes From Burney (CI)	on-za.	1	GGS-MCP
gas well			
Actual Prod. Test-MCF/D	Langth of Test	Bale. Condenscie/MMCF	Gravity of Condensate
Teating Method (pitot, back pr.)	Tribing Bearing (2) (-)	[Chalastia
The second secon	Tubing Pressure (Shut-in)	Cosing Pressure (Shot-in)	Choke Size
ERTIFICATE OF COMPLI	AVCE	Au course	VATION COMMESSES
		SIL CONSER	VATION COMMISSION
hereby certify that the rules a	nd regulations of the Oil Conservation	AFPROVED	. 19/
ommission have been complied	d with and that the information given the best of my knowledge and belief.	l my	
and combine to	me ocet of my knowledge and belief.	EY	
1		- - - - - - - - - -	
A	ak.	This form is to be filed	in compliance with RULE 1104,
Mulley & Wel	Mar	It this lie s request for al	lowable for a newly drilled or deepe
, , ,	irnoture)	well, this form must be account tests taken on the well in ac	npanied by a tabulation of the deviate cordance with RULE 111.
Petroleum Engine	er Tur,	All sections of this form	must be filled out completely for all
March 18, 1977		able or new and recompleted	wells. . II, III, and VI for changes of own
		, Pili Out Only Sections 1	ALL WILL VI LES CHARETE OF OWN

well name or number, or transporter, or other such change of condition-Separate Forms C-104 must be filed for each pool in multiply

Form	9-831
(May	1963)

UNII STATES SUBMIT IN TRIPLICA .* DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

GEOLOGICAL SURVEY

LC	032	579	(•)	4

SUNDRY	NOTICES AND	REPORTS	ON WELLS	
49-1- A-man A-	- nuonosole to delli or	to deepen or nine	had to a different	wednesday.

6.	IB.	INDIAN.	ALLOTTEE	ΩR	TRIRE	MAME
	, 77					

		Use	"APPLICA	TION FOR PERMIT—" for su	ch proposals.)	 <i>)</i> 5	_ _
OIL WEL	. X	GAS D	OTHER				

7. UNIT AGREEMENT NAME

Lease

Westates Petroleum Company

8. FARM OR LEASE NAME Carlson B 1

3. ADDRESS OF OPERATOR

9 WELL NO

Box S5, Jal, New Mexico

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

10. FIELD AND POOL, OR WILDCAT

1650' fr. N & 660' fr. W. SWE of NWA Sec. 1-258-37E

N. Justis Cloriette 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

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

Sec. 1, T255, R37E

D.F. 31291

16.

12. COUNTY OR PARISH | 18. STATE New Mexico

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

N(TICE OF	F INTENTION TO:	ing of the services	1.	SUBSEQUENT REPORT OF:	
EST WATER SHUT-OF	, .	PULL OR ALTER CASING			WATER SHUT-OFF BEPAIRING WELL	_
HACTURE TREAT		MULTIPLE COMPLETE			FRACTURE TREATMENT ALTERING CASING	_
HOOT OR ACIDIZE		ABANDON*		s .	SHOOTING OR ACIDIZING ABANDONMENT*	
EPAIR WELL		CHANGE PLANS			(Other) Plug back	X
Other)	100			1	(Note: Report results of multiple completion on Well	

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

9-15-65 - Set Baker cast iron Bridge plug Hod. K #5015 over Paddock Perfs. 5048 -60 5068 -76'. Dun tubing, put well on Producing Clorietta Perfs. 49001-041 49131-191 49221-241 49301-361 49481-601 49681-801 48241-321.

9-22-65 - Well tested 24 hr. 2 BOFF and 3 GWPD. 55.1 ECFFD.

						•		
18.	I hereby certify that the foregoing is true and correct		V 2.5	The second secon	7.7			
	SIGNED In thatfin	TITLE	_Production	Superintendent	DATE _	September	23,	_196
	(This space for Federal or State office use)							
	APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		APPRO!	DATE:			<u>-</u>

fay 1963)	(0)	BMIT IN TRIPLIC .*	Form approved. Budget Bureau No. 42-R14
DEPART		se side)	5. LEASE DESIGNATION AND SERIAL NO. LC 032579(e)
CUNDRY NO	TICES AND REPORTS ON W	FIIC	6. IF INDIAN, ALLOTTEE OR TRIBE NAM
(Do not use this form for prop Use "APPLI	cation for Permit—" for such proposals.)	different reservoir.	
	SEP Z. L.		7. UNIT AGREEMENT NAME
WELL GAS WELL OTHER			Lease
NAME OF OPERATOR		17. July	8. FARM OR LEASE NAME
ADDRESS OF OPERATOR	Company		9. WELL NO.
Box SS, Jal, New F	exico		
	clearly and in accordance with any State requ	irements.*	10. FIELD AND POOL, OR WILDCAT
At surface		And All Control	N. Justia Glorietta
1650° Fr. N. & 660	Fr. W. SWE of HWE Sec. 1	-25S-37E	SURVEY OR AREA
			Sec. 1, 1258. RJ7B.
PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, et	c.)	12. COUNTY OR PARISH 13. STATE
<u> </u>	DF 3129		los Noviex
Check A	Appropriate Box To Indicate Nature of	Notice, Report, or Of	her Data
NOTICE OF INT	ENTION TO:	SUBSEQUE	NT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING W	ATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE FE	ACTURE TREATMENT	ALTERING CABING
SHOOT OR ACIDIZE	ABANDON*	SOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL (Other) PB X	CHANGE PLANS	(Nore: Report results of	f multiple completion on Well
(Other) • • •			
7 DESCRIBE DRAPOSED OF COMPLETED O	PERATIONS (Clearly state all pertinent details	Completion or Recomplet	
proposed work. If well is direc	PERATIONS (Clearly state all pertinent details, tionally drilled, give subsurface locations and	and give pertinent dates. I	acluding estimated date of starting a
7. DESCRIBE PROFOSED OR COMPLETED O proposed work. If well is direct nent to this work.) *	PERATIONS (Clearly state all pertinent details, tionally drilled, give subsurface locations and	and give pertinent dates. I	acluding estimated date of starting a
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proposed work. If well is direct nent to this work.) 52 14 set 3 Peris. Paddool 9-14-65 - Pro	407 - 4" OF Liner 3200 -516 c 5048 -60 5068 -76 .	and give pertinent dates, increasured and true vertical DO: Packer set	acluding estimated date of starting a depths for all markers and sones per
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proposed work if well is direct nent to this work.) 5½n 14# set 3i Perfs. Paddoci 9-14-65 - Proj Proc 4944 Put	407" - 4" OF Liner 3200"-516 to 5048"-60" 5068"-76". pose set cast iron 5.F. stream to 60" 4968"-80" 4824"-32". well on production.	and give pertinent dates, increasured and true vertical DO: Packer set	acluding estimated date of starting a depths for all markers and sones per
proposed work. If well is direct nent to this work.) 52" 14# set 34 Perfs. Paddod 9-14-65 - Property Proceedings 1 hereby certify that the foregoing	tionally drilled, give subsurface locations and 407 - 4" OF Liner 3200 -51 k 5048 -60' 5068 -76'. pose set cast iron 5.P. srrriuce Glorietta Gas 4900'-04' 3'-60' 4968'-80' 4824'-32'. well on production.	and give pertinent dates, imensured and true vertical color. Packer set. DE. 5030 v/one: 4913:-19: 4922:	acluding estimated date of starting a depths for all markers and sones per 35030
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*See Instructions on Reverse Side

OIL CONSERVATION COMMISSION HOBBS, NEW MEXICO

July 19, 1965

Westates Per. dc. Box SS Jal, New Mexico

Attention: Mr. L. E. Chaffin

Gentlemen:

According to our interpretation the perforations 5048' to 5076' in your Carlson B-1 Federal No. 2 located in Unit E of Section 1, T-25-S, R-37-E are within the horizontal and vertical limits of the Justis Blinebry Pool. Our pick for the top of the Justis Blinebry Pool in this well is at 4990'.

Our records also reflect that United States Smelting Refining and Mining Co. has a producing Justis Blinebry well in this same proration unit, namely their Westates Federal No. 5. Therefore, before your Carlson B-1 Federal No. 2 can be produced it will be necessary that some type of agreement be worked out between yourselves and United States Smelting Refining and Mining Co.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey Supervisor, District 1

JDR/mc

UNII STATES SUBMIT OF TRIPPLICA (Other instructions on control of the Interior verse state)

Form approved Budget Bureau No. 42-R1424. 5. IF ASE DESIGNATION AND SERIAL NO.

IL LYDIAN, ALLOTTER OR TRIBE NAME

_ 032579(•)

Lease

Carlson B 1

GEOLOGICAL SURVEY

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			· CEA	ALID	REPORTS	\sim	3 4 / [2] 1 / (-)
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~ 1 11	VI 11. A	1341 31	11 - 7	A 1417	KEPLIKIN		A61.1

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.)

7 UNIT AGREEMENT SAME ARTT OIF S FARM OR LEAST NAME 2. NAME OF OPERATOR Westates Petroleum Company 3. ADDRESS OF OPERATOR 9. WELL NO. Box SS, Jal, New Fexico 2 10. FIELD AND FOOL, OR WILLCAT.

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

1650' Fr. N. & 660' Fr. W. Swit of NW Sec. 1-255-37E

14. PERMIT NO. 15. ELEVATIONS (Show whether be, By die etc.) DF. 3129'

N. Justis Glorietts 11. SEC., T., R., M., OR BLK. AND

Sec. 1, 1255, R37E NMPM 12 COUNTY OR PARISH 13 STATE

New Hexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

16.

PULL OR ALTER CASING MULTIPLE COMPLETA ABANDON* CHANGE PLANS

SCHSEQUENT REPORT OF:

SHOOTING ACIDIZING

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

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

52" 14# Set 3407' 4" OD liner 3200'-5100'.

1-10-65 - Cleaned out with reverse drlg. tools from 5047*-5098*

1-14-65 - Perf. Paddock 5048'-60' 5068'-76' 2 per/ft. Acidize with 500 gal. A. Test. Acidize with 3000 gal. Unisol acid. Test. Well flowed back 30 bbl. load oil and acid and died. Swabbed well dry. Set packer at 5002". Put well on pump. Pump back load acid. Haking some gas. TSTM. Well temporarily shut in.

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

SIGNED

TITLE Production Superintendent

DATE March 22, 1965

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE:

Mar 23 1305

*See Instructions on Reverse Side

JAL GORDON ACTING DISTRICT ENGINEER

Form approved. Budget Bureau No. 42-R1425.

(Other instruction on reverse side)

Budget Bureau
struction on
rse side)

UNITED STATES DEPARTMENT OF THE INTERIOR

						4 5 5	.,
, 5,	LEASE	DESIGN	ATION	AN	D SE	RIAL	No.

	GEOLO	GICAL SURVEY		L	- 032579(a)	
APPLICATIO	N FOR PERMIT T	O DRILL, DEEF	PEN, OR PLUG B	ACK	6. IF INDIAN, ALLOTI	EE OR TRIBE NAME
1a. TYPE OF WORK		DEEPEN 🏝	PLUG BAC	ש ר	7. UNIT AGREEMENT	NAME
b. TYPE OF WELL		DEEPEN &	PLUG BAC	- N L	Lease	
orr. FSF1 G	WELL OTHER		SINGLE MULTIPI	LE	8. FARM OR LEASE N	AME
2. NAME OF OPERATOR					Carlson B	1
	cleum Company		i kana	Bew 33	9. WELL NO.	
3. ADDRESS OF OPERATOR					2	
Hox SS, Jal,	New Mexico Report location clearly and	in negordance with any	State requirements *)		10. FIELD AND POOL,	The second secon
At surface 1650 fr. N.	& 660° fr. W. SI	NA of NWA Sec.	1-25S-37E		N. Justis 11. SEC., T., R., M., O AND SURVEY OR	R BLK.
At proposed prod. zo	ne 13771 4 4 15	A TOTAL				ivanikan
14 DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST OFFI	CB*		12. COUNTY OR PARIS	37E. N.M.
	of Jal, New Mexic			egydd agaeth y Teildyddioleith		
15. DISTANCE FROM PROF	PUSED 660 from 1	16. 3	NO. OF ACRES IN LEASE		OF ACRES ASSIGNED	N. Mex.
PROPERTY OR LEASE	LINE, FT. lg. unit line, if any)		320	TOT	HIS WELL	i e e i gerii e
18. DISTANCE FROM PRO	POSED LOCATION* DRILLING, COMPLETED,	19. 1	ROPOSED DEFTH		RY OR CABLE TOOLS	<u> </u>
21. ELEVATIONS (Show wh	hether DF, RT, GR, etc.)				22. APPROX. DATE	VORE WILL START*
DF 3129	1		And the second second	and the Section	Jan. 1, 19	65
23.	. P	ROPOSED CASING AN	D CEMENTING PROGRA	M		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	3.544	QUANTITY OF CEM	ENT
	53 m	14#	3407*			
	Liner 4" OD.	10-46#	3200° ta 5100°			
	If Paddock pr at approx. 50	Ph & 30 BWPM. o TD. Perf. Ps t. Acidize & oves commercia 00' and put we		0°; 50	68 '- 76' n packer	
and the second s	perfs. isolat	ec & snut in.			발표하다 (*) 1907년 - 1907년 (*) 1907년 - 1907년 (*)	
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	,					
N ABOVE SPACE DESCRIBE one. If proposal is to reventer program, if an	E PROPOSED PROGRAM: If podrill or deepen directional y.	roposal is to deepen or ly, give pertinent data	plug back, give data on proon subsurface locations and	esent prod 1 measured	uctive zone and propo I and true vertical dep	ed new productive
SIGNED	·	TITLE Fr	od. Supt.		DATE 12-	5-64
(This space for Fede	eral or State office use)					***************************************
PERMIT NO.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	APPROVAL DATE		*	
						TENT.
APPROVED BY		TITLE				ハドロー
CONDITIONS OF APPROV	AL, IF ANY :				APPRO	065

*See Instructions On Reverse Side

FORM C-128
Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR	COMPLETING T	HIS FORM ON THE RE	VERSE SIDE
	SECTIO	N A	
Operator	Lease		Well No.
Westates Petroleum Company	3	arlson 5 l	2 · · · · · · · · · · · · · · · · · · ·
Unit Letter Section Township	Range		
25S		378	· Lea
Actual Footage Location of Well:			
	ne and 060	feet from the	west line
Ground Level Elev. Producing Formation	Pool		Dedicated Acreage:
3129 Clorietts	ROPE	h Justis	40 Acres
1. Is the Operator the only owner in the dedicated acre		ha alas kalama, VES, A	NO.
who has the right to drill into and to produce from a			
another. (65-3-29 (e) NMSA 1935 Comp.)	my poor una to app	propriate the production	etiber for bimself or for bimself una
2. If the answer to question one is "no," have the int	erests of all the o	where been consolidated	by communitization openment to other
wise? YESNO If answer is "yes,"			by Communicization agreement of Other-
3. If the answer to question two is "no," list all the			production of the second of th
Owner		Land Description	
		Land Description	
and the second of the second o		A SECTION AND A SECTION AND A SECTION AND A SECTION AND A SECTION AND A SECTION AND A SECTION AND A SECTION AS	
SECTION E	3		CERTIFICATION
			I hereby certify that the information
			in SECTION A above is true and com-
			plete to the best of my knowledge and belief.
The second second of the second second second			berrer.
			Name
			Position
	X		Prod. Supt.
			Company
The high specific has been been a supplied by the second			Westates Petroleum Co.
And the major pains that the Margarith file and the		e ili e velet	Date
			Recember 15, 1964
			and the second of the second o
	1		·
	i		I hereby certify that the well location
	i		shown on the plat in SECTION B was
			plotted from field notes of actual
			surveys made by me or under my
			supervision, and that the same is true
	i		and correct to the best of my knowledge
			and belief.
The street Art with the second of the second	er i storbeer en er 📗		
	!		Date Surveyed
		\$	3=15=55
			Registered Professional Engineer
			and/or Land Surveyor
	i		1
			Charles F. Filler
0 330 660 990 /320 /650 /980 23/0 2640	2000 1500	1000 500 0	Certificate No.

DISTRIBUTION	VI	EN MEXICO OIL	_ CONSERVATI	ON COM SION	F	ORM C-110
PILE		SAN	TA FE, NEW ME	XICO		(Rev. 7-60)
LAND OFFICE	CERTIFIC	ATE OF CO	MPLIANCE	AND AUTHOR	IZATION	
TRAMSPORTER OIL				NATURAL GA		
PRORATION OFFICE				· · · · · · · · · · · · · · · · · · ·		
	FILE THE OR	RIGINAL AND 4 C		LAPPROPRIATE C	FFICE 12	Well No.
Company or Operator	and the second of the second o					3
Westates Petroleum Compo	any waship	Range		Carlson B 1		
Unit Letter Section Toy	258	1 2	7 E	Lea		
Pool				Kind of Lease (State,	Fed, Fee)	and the second of the second of
North Justis Gloriett		77-7-1		Federal	Range	
If well produces oil or condensa give location of tanks		Unit Letter	Section	Township	Yange	277
	<u></u>	<u>E</u>	Address (give ada	ress to which approve	d copy of this form	n is to be sent)
Authorized transporter of oil X or conden	isate			(1111) 1 - 1 기 회사고 - :		
Texas New Mexico Pipe Li	ne Company		Box 1510	, Midland, Te	UTAS	
	ls Gas Ac	tually Connecte	d? Yes X	No		
Authorized transporter of casing head gas [or dry gas	Date Con- nected	Address (give add	ress to which approve	d copy of this form	n is to be sent)
El Paso Natural Gas Comp	any	3-5-63	Box 1492	, El Paso, Te	ICCAS	
If gas is not being sold, give reasons and a	lso explain its p	present disposition:	No. 1		la de la composición de la composición de la composición de la composición de la composición de la composición Esta de la composición de la composición de la composición de la composición de la composición de la composición	
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	ent i visita utili aneel Tii	Karamana da da da da da da da da da da da da da				
	` . :					
100	REASON	I(S) FOR FILING	(alease check pr	oper box)		
New Well		· · · · · · · · · · · · · · · · · · ·	Change in Owner	ship		
Change in Transpo	orter (check one)		Orner (explain by	dom)		
	Dry G	***	Well pla	ced in pool.	7	
Casing head ga	as. 🗀 Conde	ensate	•			
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Remarks			•			
Remarks			* * *			
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		•	* .			
The undersigned certifies that the Rule	s and Regulati	ons of the Oil Co	nservarion Commi	ssion have been co	mplied with.	
Executed this	the 11th	day of July		_ , 19 _63 .		
OL CONSERVATION	COMMISSION		1 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M. Mark		
Approved by			-15	· that		
	· · · · · · · ·	. *	Hun			
11/			Produc	tion Superint	endent	
Title	•		. Сотрану	· · · · · · · · · · · · · · · · · · ·	**	
			Westat	es Petroleum	Company	
Date			Address			
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			DUA 30	Man Man Man	ALCO	

NOTICE OF THE	PION TO PRIM	Park Digital	1 a.s. II		2027 OF 1417		* * 1 *
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	TION TO CHANGE PLANS		· li	17 9 50	PORT OF ALTERIN		
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	ITION TO SHOUT OR ALITER CASIN	Z'BZ L		THE STATE OF THE S	WELL HISTORY		
	TION TO ABANDON WELL			SOFFLEMENTALL	WELL DISTURY		
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G≰ Sec. and	1 Sec. No.)	7 D.)	(Range))	(Meridian)	ew Mexico	
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(2.0	M.)	(Count)	y or Subdi	(VISIOH)	. (State or Territory)	
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		DETA	AILS C	OF WORK	of proposed casts	ıgs; indicate muddi:	ng Jobs, comez
State names of and	expected depths to objective saing po	DETA	AILS (OF WORK			
State names of and	expected depths to objective so ing po Feriorated 2/per 1	DETA inds; show a ints, and all	AILS C	OF WORK ghts, and lengths approach propose 4913-19	4922-24	1; 4930-361	
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REQUEST FOR (OIL) - (GAS) ALLOWABLE

Recompletion

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

				and the table	Jal New	- 3			(Date)
1 to 1			any Car	WABLE FOR			医骶孔切迹 医大龙虫	.	4. NW
(Cc	ompany or Ope	rator)	т 258	(Lease) R 375	NMPM.,	North	.Justis	***********	P
		•	County. Date Elevation	Workover te xame 2 3129	-1-63Total	Date]	STATES Co	mpleted CTB9	.2-27-63 Same
Plea	se indicate lo	cauon:	. **	Pay 4700*				1.0	4.455 (19.74)
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•			Open Hole_ OIL WELL TEST		Casing	Shoe	2048.	Tubing	4382
L	K J	I		. Test:	bbis.oil,	bbl	s water in	hrs,	min- Size
M	N O	P		cid or Fracture					Choke
- J				d): <u>10</u> abl:	s, cil, <u>24.</u>	_bbls wa	ter in	hrs, <u>0</u>	min. Size N
arry sur-	Sec. l		GAS WELL TEST	· Test:					
Size 8 5/8	969	400	Choke Size	id or Fracture	· Testing:		<u> </u>		
5 1/2	3397	300		.000 gal. r	or the first of the	i en verseyik		as acid, u	vater, Öil, an
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marks:	<u> </u>			er El 1	Paso Natural	<u>Gen</u>	Company		
marks:	***************************************						ه مرو د مرو	/	
I herel	y certify tha	t the info	rmation given a	above is true an	d complete to th	he best o	of my know	l e dge.	1. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
proved	***************************************	•••••		·	Westat	(Con	pany or Op	Company erator)	······································
OI	L CONSER	VATION	COMMISSIO	N I	Ву:	i Ai	(Signature)		
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NUMBER OF COPIES RECEIVED DISTRIBUTION SANTA FF PILE U.E.G.S. LAND OFFICE TRANSPORTER BAS	CERTIFICAT	£	NEW MEXIC	O AUTHORIZAT	FORM C-110 (Rev. 7-60)
PRORATION OFFICE		<u> 1868 yan da kata kata kata kata kata kata kata k</u>	. A kilon in the	Market Market Control	
	FILE THE ORIGIN	IAL AND 4 COPIES	WITH THE AP	PROPRIATE OFFICE	t Veli No.
Company or Operator	Company	·安林斯·安德第二次		arlson B l	2
Vinit Letter Sect		Range		un ty	
I I	258	37E		Lea	
Pool North Justi:			Kind	of Lease (State, Fed,Fe	e) Federal
If well produces oil give location	of condensare	Letter	Section To	wn ship 258	Range 37E
Authorized transporter of oil			s (give address	· · · · · · · · · · · · · · · · · · ·	of this form is to be sent)
Texas New Mexico	Pipe Line Company	B	ox 1510, M	idland, Texas	
	Is Gas Actual	ly Connected? Y	esX No_		
Authorized transporter of casing	g head gas 🔲 or dry gas 🛣	Date Con- Addres	s (give address	to which approved copy o	of this form is to be sent)
El Paso Natural	Ministration of the state of th		k 1492, E l	Paso, Texas	
If gas is not being sold, give to	easons and also explain its preset	nt disposition:			
				· Te	
		FOR FILING (please	<u> </u>		
Chang Oi	Well	Other · · · · □	ee in Ownership (explain below)		
en en en en en en en en en en en en en e		er transport of the second			
AND THE STATE OF T	ganini ser elgenesa elgal Terebaktin elgenesa elgal				
Remarks	ed upper Queen zone.	Deenoned 12	II & compl	sted in Moriei	
*Gas o	riginally connected cted 3-5-63 producing Paso Natural Gas Co	4-1-55 produc ug from Glorie	ing from Q	ueen formation.	Re-
The undersigned certifies th	at the Rules and Regulations	of the Oil Conservat	ien Commissio	n have been complied	with.
Ex	ecuted this the11th day	of April		9 _63 .	
	ERVATION COMMISSION	·			
Approved by		L. Tide	Til	chaffe	\
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Box SS, Jal, New Mexico



"Symbol of Service"

REPORT of SUB-SURFACE DIRECTIONAL SURVEY

WESTATES PETROLEUM CORPORATION

CARLSON 5-1 WELL NO. 2

JAL, NEW MEXICO

JOB NUMBER

WI 2963

TYPE OF SURVEY COMBINATION

DATE FEBRUARY 18, 1963

SURVEY BY
Jack B. Jones & Cecil Strasner

OFFICE Odessa, Texas

STATE OF LUXAS

COUNTY OF ECTOR 4

Dack B. Jones, being ouly sworn, deloses and says that:

He is employed by the taSTMA FOIL ELL SURVEY COMPANY as a well bore surveyor in charge of the following described survey.

And, that under his direction a combination Criented and Magnetic Multiple shot survey was made on February 18, 1963 by Jack B. Jones, well bore surveyor, EASTMAN CIC ELL SURVEY COMPANY, in a well from surface to 4636.00 feet.

said well more particularly described by the operator as follows:

"ESTATES PETALLEUM COMPONATION CANLSON G-1 "ELL NO. 2 JAL, HE MEXICO

That the attached documents, namely title sheet, one plan and two computation sheets showing True Vertical kepth of 4629.76 feet, the well to be 12.72 feet in a direction of North 83° and 11 minutes. Rest from surface location are a full, true and correct representation of the said survey to the best of his knowledge.

JACK 3. JUNES OF RES

Subscribed and sworn to before me this doll asy of Olf., 1985

Francis Thatcher, Notary Fuclic in and for the County of Ector, State of Texas.



RECORD OF SURVEY

JOB NO. WT 2963

DATE February 18, 1963

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APPROVED

Form 8-881 a (Feb. 1951)					MAR 4 1963 (SUBMIT IN TRIPLICATE)	٠
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ì					E. W. STANDLEY UNITED STATES	
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Budget Bureau No. 42-R358.4. Form Approved.					
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GEOLO	MAR MAR
SUNDRY NOTICES A	AND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALIER CASING	SUPPLEMENTARY WELL HISTORY
(Indicate above by Check Mark Carlson	Pebruary 28 , 1963
Well No. B 1 #2 is located 1650 ft. from Six of Ni Sec. 1 253 (14 Sec. and Sec. No.) (Twp.)	n {N line and 560 ft. from W line of sec. 1
Langlia Battix Las. (County (County)	and a control of the first term of the control of
(Field) (County	or Subdivision) (State or Territory)
The elevation of the derrick floor above sea le	vel is _3129_ ft. ILS OF WORK
State names of and expected depths to objective sands; show size ing points, and all c	ses, weights, and lengths of proposed casings; indicate mudding jobs, coment- other important proposed work)
Ran 4" OF Liner - 88.47° K- N-80 10.46% on top. 1891° and packer. Top liner at 3 mented liner with 85 ax. 50	"hole from 3407" to 5100". -80 11.6f on bottom - 1802.7" total plus 14" TIW Liner hanger 3193" and bottom at 5098". Ce- 0-50 pos mix plus 2% gal. Plug seversed out 20 sx. cement. WOC.
2-28-63 - Tested topof line	er to 3000%. Held o.k.
I understand that this plan of work must receive approval in	writing by the Geological Survey before operations may be commenced.
Company Wastate a Petroleum Company	y the second of
Address Box SS	
	67 11-

Jal, New Fexico Title Division Engineer

(SUBMIT IN TRIPLICATE)

Las Cruces

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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

NOTICE OF INTENTION TO DOI!!		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALIER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.		
(INDICATE ABOVE BY CHECK N	MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
		Jamuary 24. 19.5
Carlson		
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SWE of NWE Sec. 1 253	371	N. H. P. H.
(34 Sec. and Sec. No.) (Twp.)	(Ran	ge) (Meridian)
Langlie Mattix L	00.	New Yexico
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tate names of and expected depths to objective sands; sho ing points, and	w sizes, w all other	important proposed work)
resent Status: Froducing from G 3308-18*; 3332-33 reposed Work: Cement present per Drill with 4 3/4; posenix. Set TIV	waizes, wall other lean & S'. For at cfs. we cit to liner	organical section 3240-50°; 3258-66°; 3272-76°; correction 3240-50°; 3258-66°; 3272-76°; correction 20 BOP: & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. 1th 50 sxs. 50-50 pos-mix. MCC. 2 approx. 5000°. Bun approx. 1800° asing. Cement with 35 sx. 50-50 hanger and packer at approx. 3200°.
resent Status: Froducing from G 3308-18*; 3332-33 reposed Work: Cement present per Drill with 4 3/4; posenix. Set TIV	all other seen f set at rfs. to iril c liner liner	organical section of proposed casings; indicate mudding jobs, comen important proposed work) Correction 3240-50°; 3258-66°; 3272-76°; Lowing 20 BOP: & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. 1th 50 sxs. 50-50 pos-mix. MCC. 2 approx. 5000°. Run approx. 1800° asing. Cement with 35 sx. 50-50 hanger and packer at approx. 3200°. to 3000°. Complete in Cloristia
resent Status: Producing from G 3308-18"; 3332-38 casing s proposed Works Cement present per Drill with 4 3/4; 4" of 11.6% CS Hyonosemix. Set TIN Will 36 hrs. Test	all other seen f set at rfs. to iril c liner liner	organical section of proposed casings; indicate mudding jobs, comen important proposed work) Correction 3240-50°; 3258-66°; 3272-76°; Lowing 20 BOP: & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. 1th 50 sxs. 50-50 pos-mix. MCC. 2 approx. 5000°. Run approx. 1800° asing. Cement with 35 sx. 50-50 hanger and packer at approx. 3200°. to 3000°. Complete in Cloristia
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resent Status: Producing from G 3308-18"; 3332-36 reposed Work: Cament present per Drill with 4 3/4; 4" Of 11.6# CS Hyo posenix. Set TIN WOO 36 hrs. Test Cas Zone from appr	wallother all other all other at at at at at at at at at at at at at	organical section of proposed casings; indicate mudding jobs, comen important proposed work) Correction 3240-50°; 3258-66°; 3272-76°; Lowing 20 BOP: & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. 1th 50 sxs. 50-50 pos-mix. MCC. 2 approx. 5000°. Run approx. 1800° asing. Cement with 35 sx. 50-50 hanger and packer at approx. 3200°. to 3000°. Complete in Cloristia
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resent Status: Producing from 3 3308-18; 3332-36 casing something points, and special depths to objective as a short present from 3 3308-18; 3332-36 casing something points. Sat Tis with 4 3/4 to 00 11.6% CS Hydnosemix. Set Tis with 36 hrs. Test Cas Zone from approve	walzes, wall other all other less to the state of the sta	eights, and lengths of proposed casings; indicate mudding jobs, comen important proposed work) Cornation 3240-50°; 3258-66°; 3272-76°; Clowing 20 BOP. & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. Tith 50 axa. 50-50 pos-mix. WCC. approx. 5000°. Run approx. 1800° assing. Cement with 35 ax. 50-50 hanger and packer at approx. 3200°. to 3000%. Complete in Cloristta. 660° to 4900°.
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resent Status: Producing from Ca 3308-18*; 3332-38 spin 14 casing a roposed Work: Cament present per Drill with 4 3/4 to 11.6 CS hyposenix. Set TIN WAY 36 hrs. Test Cas Zone from appurous mpany Westetes Petroleum Company	wallother all other less to the total colored	eights, and lengths of proposed casings; indicate mudding jobs, comen important proposed work) Cornation 3240-50°; 3258-66°; 3272-76°; Clowing 20 BOP. & 2190 MCP gas PM. 3407°. Deviation at 3374 1½°. Tith 50 axa. 50-50 pos-mix. WCC. approx. 5000°. Run approx. 1800° assing. Cement with 35 ax. 50-50 hanger and packer at approx. 3200°. to 3000%. Complete in Cloristta. 660° to 4900°.

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION

Company or Operator Westates Petroleum Com	pany Lease Carlson B l
Well No. 2 Unit Letter E S 1 T	25S R 37E Pool Langlie Mattix
County Lea Kind of Lease	(State, Fed. or Patented) Federal
If well produces oil or condensate; give locati	
Authorized Transporter of Oil or Condensate	
Address Box 1510, Midland, Texas	Contract Con
(Give address to which approved	copy of this form is to be sent)
Authorized Transporter of Gas RI Paso Nat	ural Gas Company
Address Rox 1492, El Paso, Texas (Give address to which approved of the life o	
Reasons for Filing: (Please check proper box)	New Well
Change in Ownership () Remarks:	Other (Give explanation below)
Change of company name from Hami to Westates Petroleum Company.	lton Dome Oil Company, Ltd.
The undersigned certifies that the Rules and R mission have been complied with.	legulations of the Oil Conservation Com-
Executed this the 18th day of December 1	19 <u>59 </u>
	By Beulon
Approved19	Title Division Supt.
OIL CONSERVATION COMMISSION	Company Westates Petroleum Company
3 Y Mary Mary Mary Mary Mary Mary Mary Mary	Address Box 1381, Jal, New Mercico
Pitle The State of the State of	Phone 5591

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Hamilton Dome Oil Company	v. Itd. Lease Carlson WRIW
Well No. 2 Unit Letter ES 1 T	255 R 37E Pool Langlie Mattix
County Kind of Lease (If well produces oil or condensate, give location	State, Fed. or Patented) Pederal
Authorized Transporter of Oil or Condensate_	
Address Box 1510, Midland, Texas (Give address to which approved c	opy of this form is to be sent)
Authorized Transporter of Gas RI Paso N	atural Gas Company
Address Box 1492, Ki Pago, Texas (Give address to which approved c If Gas is not being sold, give reasons and also	
	capitain its present disposition.
Reasons for Filing:(Please check proper box)	New Well
Change in Transporter of (Check One): Oil () Change in Ownership () Remarks: Change of company name from Westates Dome Oil Company, Lad.	Other (Give explanation below)
The undersigned certifies that the Rules and Remission have been complied with.	egulations of the Oil Conservation Com-
Executed this the 16th day of september 19	57
and the second of the second o	By Senton
Approved19	Title Division Supt.
OIL CONSERVATION COMMISSION	CompanyHamilton Dome Oil Company, Ita.
By	Address Box 1381, Jal, New Mexico
Title	Phone 2611

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UNITED STATES

DEPARTMENT OF THE INTERIOR

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so far as can	be determined fr	om all avai	lable rect Sig	rds.	18	Be	Low		
			_		-7				
The sun	Data. Blue 15, 2955 The summary on this page is for the condition of the well at above date.								
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HISTORY OF OIL OR GAS WELL

It is of the greatest importants to have a complete history of the wall. Please state in defail the dates of redrilling, together will be resulted for the their and invaluable. If lively were usy thingsociable in the casing, state fully, and it are casing that "widelenshed" on left in their and invaluable. If they were any theory they are the contraction, and many of their are redried on the red of their are red on the red on the product of their are red on the red on the red of their are red on the red on the red of their are red on the red on the red of their are red on the red on the red of their are red on the red on the red of their are red on the red on the red of their are red on the red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on the red of their are red on their are red on the red of their are red on the red of their are red on their are red on the red of their are red on their are red on their are red on their are red on the red of their are red on the red of their are red on their are red on the red of their are red on their are red

Spudded Surch 23, 1955, maring 11" retary hole. Set 969" of 8-5/8" coming at 980"; 1,22.70" of 8 5/8" 32# J-55 Cag. and 500.3" of 8 - 5/8" 24# J-55 Cag. Committed maring 600 sacks communication and 100 marks comment from top, total 500 sks.

Tested cag. with 1000# pressure with no loss for 30 minutes. Drilled out making 7 7/8" protany hole to 3407", 2.D.

San Filts.C. Games Emp. Neutres log from T. B. to shirts of mach 33977 of new 5-1"

14f J-55, Srd T & C Sale. congr et 34974. Semembed with 300 sacks coment, 200 sacks

45 gel and 100 sacks where, Halliburton method, show and flood Sellier. Tested congretate and 100 sacks where the first sack for 30 minutes. For opposite content and 242 hours coment time from 3240-501; 32981-651; 3272-761; 3308-381; 4332-33384; 3 shows

per fost. Sandfraced using 20,000 gal frac till and 20,000 pounds sand. Did not produce any new Mil. Ran spinner survey - Donall perhod! Determined fluid lose

agence 33001. San picker to 33001. Sandfraced using 50,000 gal, frac all and 10,000 gal sand, produced 125.18 bbls. in 19 hours 30 minutes with packer set at 33001.

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator	Westates Patroleum Corpo	pration Lease Carlson B 1	<u>. O krijerstan Samur</u>
Address P. O. Box 138	31 - Jal, New Mexico	391 Sutter Street San Franc	isco 8, Calif.
Unit	5	., T 255., R 37E, Pool Lang	lie-Mattix
County Les	Kind of Lease:	Federal	
If Oil well Location of Tanks	Near center of NWt of	Section 1, 25S, 37E.	ya Tremen (3.537am).
Authorized Transporter	Kl Paso Natural Gas Co	r pany	ddress of Transporter
Jal, New Mexico		Fl Paso Natural - El Pas (Principal Place of Busin	o, Texas
		(Principal Place of Busin	
from this unit are	Texas New Mexico Pipe Lin	e Company - Midland, Texas	
			100 %
REASON FOR FILING: (
NEW WELL.	E	CHANGE IN OWNERSHIP	
CHANGE IN TRANSPOR	TER	OTHER (Explain under Remarks)	
REMARKS:			
native This well was h		al das! line on June 14, 1955.	tantes energia de l
magnitude de la companya de la companya de la companya de la companya de la companya de la companya de la comp La companya de la companya de	in a koming of the end of the common property of the common of the commo	January and Marian Specific	
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e spekie in de de de de de de de de de de de de de	er folget oprater jeden green folge Green en state folget op de skriver	:	•
The undersigned certific	es that the Rules and Regulation	s of the Oil Conservation Commission have	been complied with.
Executed this the	15th day of	June	1955
and the second of the second o		WES TATES PET. CORP.	
	TION COMMISSION	By - 6/Bluton	
Ву	•••••	Title Div Supt	***************************************
Title	***************************************		
	(See Instructions	on Reverse Sids)	

orm C-1101 ed 7/1/521

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or OperatorWestates Petroleum Corp.	Lease Carlson B. 1
Address Box 1381 Jal N.M.	391 Sutter St., San Francisco, Calif. (Principal Place of Business)
Unit. E., Well(s) No. 2., Sec. 1.	T. 25S , R. 378 , Pool Undesignated
County Laa Kind of Lease:	Federal
If Oil well Location of Tanks Near center of NWL of	Sec. 1, 255, 37E
Authorized Transporter The Texas New Mexico Pi	reline Co. Address of Transporter
Dunice, New Mexico	Fidland, Texas (Principal Place of Business)
	Other Transporters authorized to transport Oil or Natural Gas
from this unit are	
REASON FOR FILING: (Please check proper box)	ration of a salign place of the company of the
NEW WELL.	CHANGE IN OWNERSHIP.
CHANGE IN TRANSPORTER	OTHER (Explain under Remarks)
REMARKS: This has been approved, bu	t is being re-filed to change
TRANSPORTER.	
The undersigned certifies that the Rules and Regulation	ons of the Oil Conservation Commission have been complied with.
Executed this the 24th day of	May 19.55.
	WESTATES PETROLEUM CORPORATION
Approved, 19, 19	By 1903enlon
Ву	Title Sivision Superintendent
Title	

(See Instructions on Reverse Side,

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator	Hestrics Po	trolen Corp.		Lease Carlson	B 1	
AddressBox 138	Local or Field Office)		391. Sut	ter St. Son Fr	anoise Cal	lf.
Unit E , Well (s) No2	, Sec1	, T25S	, R37E, Pool	tanglie Matt	
County Laa		Kind of Lease:	l'ederal	Desire Labor		*/ _* *
If Oil well Location of T	anksNear	center of	. Seo 1, 25	S, 37E		<u> </u>
Authorized Transporter	7/ie	lexas Company			Address of	Transporter
Midland, Texas	Local or Field Office)		,	Houston Tex	BS of Business)	
Per cent of Oil or Natur	al Gas to be Trans	ported 100%	Other Trans	porters authorized to	transport Oil or l	Natural Gas
from this unit are	*************************	À O.	ı E			
					<u></u>	%
REASON FOR FILING	G: (Please check p	roper box)	en en en en en en en en en en en en en e	Standing to the		*
NEW WELL.	•••••	V	CHANGE	IN OWNERSHIP		
CHANGE IN TRANSI	ORTER		OTHER (Explain under Rema	rks)	
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	There is no g	as market avai	lable at p	resent.	a design the	egi Kesala dis
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The undersigned co	rtifies that the Ri	ıles and Regulation	s of the Oil Co	onservation Commissi	on have been con	iplied with.
Executed this the	29th	day of	•••••	April	19.	55.
		and the second state of		ern petroie un c		
Approved		, 19	1	QB, L	-	
By CONSER	VATION COMM	IISSION	ByDiv.	ision Superinte	udent	,
Title				***************************************		

NEW MEXICO OIL CONSERVATION COMPASSION Santa Fe, New Mexico

REQUEST FOR (OIL) - (FAS) ALLOWABLE

New Well Blockfoh

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

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS: ###################################	en in de la companya de la companya de la companya de la companya de la companya de la companya de la companya La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co		en er flesk stad flest fan ei	(Place)	April 29, 1955 (Date)	
Westeres Petroleans Corp. Carloon B 1	WE ARE I	EREBY I		•		
(Company or Operator) R. Sec. 1., T. 25E., R. 37E., NMPM., Longitum tattix. Poo. (Unit) Lea. County. Date Spudded Jarrell. 12, 1955., Date Completed. March. 27, 1955. Please indicate location: Elevation. 317C! Total Depth. 3411! P.B. 3397! Top oil/gas pay 3243! Top of Prod. Form. Ruesns. Casing Perforations: 3243-53!; 3262-70!; 3275-79!; 3311-21!; .or. 3335-41! Depth to Casing shoe of Prod. String. Natural Prod. Test None. BOPD Casing and Comenting Record. Size Feet. Sax Based on bbls. Oil in Hrs. Mins. Test after acid or shot 33ndfrac. 147.84 BOPD Casing and Comenting Record. Size Feet. Sax Based on bbls. Oil in. 19 Hrs. 39 Mins. B-5/8 969 400 Size choke in inches 32/64! with packer at 3300! Size choke in inches 32/64! with packer at 3300! Date first oil run to tanks or gas to Transmission system: April 27, 1955. Transporter taking Oil or Gas: The Texas Company Transporter taking Oil or Gas: The Texas Company Lemarks: No gas connection available. I bereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETROLLEIM CORP. Company or Operator) WESTATES PETROLLEIM CORP. Company or Operator) WESTATES PETROLLEIM CORP. Company or Operator) Signature) Title. Div. Supt. Send Communications regarding well to:	Westate	• Petro	Lenna Corp	. Carlson B 1	· · · · · · · · · · · · · · · · · · ·	
Lass	(Co	mpany or O	perator)	(Lease)		
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Please indicate location:	T 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		County Date Spudded	erel: 12, 1955 Date	Completed Nameh 27 1055
Elevation 31.70 Total Depth 3411 P.B. 33971 Top oil/gas pay. 3243 - 17 po of Prod. Form. Queens. Casing Perforations: 3243 - 531; 3262 - 70!; 3275 - 79!; 3311 - 21!; on 3335 - 4.1 Depth to Casing shoe of Prod. String. Natural Prod. Test. None BOPD based on. bbls. Oil in. Hrs. Mins. Test after acid or shot: Sandfrec 147,84 BOPD Size Feet Sax Based on. 120,18 bbls. Oil in. 19 Hrs. 30 Mins. 8-5/8 969 400 Gas Well Potential 600/1 G 0 R Eqt. 5-1/2 3397 300 Size choke in inches. 32/64" with packer at 3300' 5-1/2 3397 300 Date first oil run to tanks or gas to Transmission system: April 27, 1955 Transporter taking Oil or Gas: The Texas Company. 1 hereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETRILEIM CORP. OIL GONSERVATION COMMISSION (Signature) Title. Div. Supt. Send Communications regarding well to:		a indicata		Oounty. Date opudded.r.s	Market State	completedxiox.ouxi.gx733.
Top oil/gas pay. 3243! Top of Prod. Form Queens Casing Perforations: 3242=53!; 3262=70!; 3275=79!; 3311=21!; on 3335=41! Depth to Casing shoe of Prod. String. Natural Prod. Test. None BOPD based on. bbls. Oil in. Hrs. Mins Test after acid or shot. Sandfrac. 147.84 BOPD Casing and Comenting Record Size Feet Sax Based on 120.18 bbls. Oil in 19 Hrs. 30 Mins. 8-5/8 969 400 Size choke in inches. 32/64! with packer at 3300! Date first oil run to tanks or gas to Transmission system: April 27, 1955 Transporter taking Oil or Gas: The Texas Company Remarks: No gas connection available. I hereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETROLEUM CORP. OIL CONSERVATION COMMISSION Signature) Title Div. Supt. Send Communications regarding well to:	1 Icas	e marcate	iccation.			
Casing Perforations: 3243-53!; 3262-70!; 3275-79!; 3311-21!; or 3335-41! Depth to Casing shoe of Prod. String. Natural Prod. Test. None BOPD based on. bbls. Oil in. Hrs. Mins. Test after acid or shot. Sandfrace 147.64 BOPD Casing and Comenting Record Size Feet Sax Based on 1.70.18 bbls. Oil in. 19 Hrs. 39 Mins. 8-5/8 969 400 Size choke in inches. 32/64" with packer at 3300! Date first oil run to tanks or gas to Transmission system: April 27, 1955 Transporter taking Oil or Gas: The Texas Company Remarks: No gas connection available. I hereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETROLEUM CORP. OIL CONSERVATION COMMISSION By: Company or Sperator) Signature) Title Div. Supt. Send Communications regarding well to:				Elevation 31.70	Total Depth 34	Ll' , P.B 3397'
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Natural Prod. Test. None BOPD				Coming 1 Chichadolis	3335-41	
Test after acid or shot. Sandfrace 147.84 BOPD Casing and Cementing Record Size Feet Sax Based on 120.18 bbls. Oil in 19 Hrs. 39 Mins. 8-5/8 969 400 Size choke in inches. 32/64" with packer at 3300! Date first oil run to tanks or gas to Transmission system: April 27, 1955 Transporter taking Oil or Gas: The Texas Company Remarks: No gas connection available. I hereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETROLEUM CORP. OIL CONSERVATION COMMISSION By: Company or Operator) OIL CONSERVATION COMMISSION By: Company or Operator) OIL CONSERVATION COMMISSION Title Div. Suprt. Sent or				Depth to Casing shoe	of Prod. String	
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Size Feet Sax Based on 17.1.218 bbls. Oil in 19 Hrs. 30 Mins. 8-5/8 969 400 Size choke in inches 32/64" with packer at 3300! 5-1/2 3397 300 Date first oil run to tanks or gas to Transmission system: April 27, 1955 Transporter taking Oil or Gas: The Texas Company Remarks: No gas connection available I hereby certify that the information given above is true and complete to the best of my knowledge. WESTATES PETRULUM CGRP. OIL CONSERVATION COMMISSION By: (Company or Operator) OIL CONSERVATION COMMISSION By: (Signature) Title Div. Supt. Sent. or	***************************************		***************************************	- Test after acid or shot	Sandirac 147.8	BOPD
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I hereby certify that the information given above is true and complete to the best of my knowledge. Approved				Transporter taking Oi	l or Gas: The Texas C	ompany
I hereby certify that the information given above is true and complete to the best of my knowledge. Approved			<u>!</u>		in the contract of	
OIL CONSERVATION COMMISSION By: Suptraction Signature Title Div. Suptractions regarding well to:	Remarks:	N	o gas con	nection available	***************************************	
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OIL CONSERVATION COMMISSION By: Company or Operator) (Signature) Title Div. Supt. Send Communications regarding well to:						
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Send Communications regarding well to:						Signature)
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	Litle		f	,	Name J. G. Benton	
Address P. C. Box 1381 - Jal, N.M.			•			191 - Tol W 24

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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	Las Cruces
Lease No	032579 (e)
	Loane

SUNDRY NOTICES AND REPORTS ON WELLS

	_ X	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO DRILL	-	SUBSEQUENT REPORT OF WATER SHOTTING OR AGIDIZING
NOTICE OF INTENTION TO CHARGE PLANS		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
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anglie-Mattix (extension) Lea		N. H.
(Field) (Coun	ty or S	ubdivision) (State or Territory)
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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. 728 Order No. R-586

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
AMENDING, REVISING OR ABROGATING
EXISTING RULES AND REGULATIONS OF
THE OIL CONSERVATION COMMISSION,
AND/OR PROMULGATING RULES AND
REGULATIONS, RELATING TO GAS POOL
DELINEATION, GAS PRORATION, AND
OTHER RELATED MATTERS, AFFECTING
OR CONCERNING THE TUBB, BYERS—
QUEEN, AND JUSTIS GAS POOLS, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 16, 1954, July 15, 1954, August 18, 1954 and September 16, 1954, at Santa Fe, New Mexico, and on October 20, 1954 at Hobbs, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 11th., day of April, 1955, the Commission, a quorum being present, having considered the records, evidence and testimony adduced and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That under date of January 1, 1950, the Commission issued its Order No. 850 creating the Justis Gas Pool, and that said Order No. 850 defined the horizontal and vertical limits thereof. That on February 17, 1953, the Commission issued Order No. R-264 creating the Tubb and Byers-Queen Gas Pools, and defining the horizontal and vertical limits of said gas pools. That by Order No. R-264 and subsequent orders the Commission extended the horizontal and vertical limits of the Justis Gas Pool. That by Order R-407 the vertical limits of the Tubb Gas Pool were extended.



- (3) That under date of September 28, 1953, the Commission issued its Orders Nos. R-373, R-375, and R-376 and under date of November 10, 1953, the Commission issued its Orders Nos. R-373-A), R-375-A and R-376-A, providing rules, definitions and procedures to be followed in prorating gas in the Tubb, Justis, and Byers-Queen gas pools, respectively; and by subsequent orders issued after due notice and hearing, the Commission allocated production of gas in said pools commencing January 1, 1954.
- (4) That the Tubb, Byers-Queen and Justis Gas Pools are separate gas reservoirs and should be defined vertically and horizontally as set forth in this order.
- (5) That the producing capacity of the gas wells in the Tubb, Byers-Queen and Justis Gas Pools is greater than the market demand for gas from each of such pools.
- (6) That in order to prevent waste it is necessary to allocate and prorate the gas production among the gas wells in the Tubb, Byers-Queen, and Justis Gas Pools in accordance with provisions of this order.
- (7) That the protection and proper recognition of correlative rights as such rights are defined by Section 26 (h) Chapter 168, New Mexico Session Laws of 1949, require that the gas production from the Tubb, Byers-Queen and Justis Gas Pools be prorated, in accordance with the terms and provisions of this order.
- (8) That the Rules and Regulations hereinafter set forth in this order are in all respects in the interests of conservation and provide for the allocation of the allowable production among the gas wells in the Tubb, Byers-Queen and Justis Gas Pools upon a reasonable basis and give appropriate recognition to correlative rights.
- (9) That no evidence was presented to justify a change in the size of the standard gas well unit in the Tubb, Byers-Queen, or Justis Gas Pools from 160-acres.
- (10) That in order to prevent waste and protect correlative rights, the special rules contained in this order should be adopted to govern the production from wells completed or recompleted in such a manner that the bore hole of the well is open in more than one common source of supply.
- (11) That in order to prevent waste a "no-flare" rule should be adopted to prohibit the flaring, venting, or wasting of natural gas or any other type of gas in any of the gas pools referred to and affected by this order.

IT IS THEREFORE ORDERED:

(1) That the Tubb Gas Pool heretofore created, shall have vertical limits which extend from a point 100 feet above the "Tubb Marker" to a point 225 feet below the "Tubb Marker", as said marker is designated in Order R-464. The horizontal limits of the Tubb Gas Pool shall be the area as described in Exhibit "A", attached hereto and made a part hereof.

- (2) That the Byers-Queen Gas Pool, heretofore created, shall have vertical limits which include all of the Queen formation. The horizontal limits of the Byers-Queen Gas Pool shall be the area as described in Exhibit "B", attached hereto and made a part hereof.
- (3) That the Justis Gas Pool, heretofore created, shall have vertical limits which extend from the top of the Glorieta formation to a point 200 feet immediately below the Glorieta datum. The horizontal limits of the Justis Gas Pool shall be the area as described in Exhibit "C", attached hereto and made a part hereof.
- (4) That special pool rules applicable to the Tubb Gas Pool be, and the same hereby are promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE TUBB GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts.

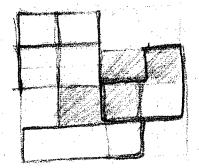
- RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Tubb Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Tubb Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Tubb Gas Pool.
- RULE 2. Each well drilled or recompleted within the Tubb Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or subdivision inner boundary line. Any well drilled to and producing from the Tubb Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.
- RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorth-odox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after proper notice and hearing.

RULE 4. The provisions of Statewide Rule 104, Paragraph (k), shall not apply to the Tubb Gas Pool located in Lea County, New Mexico.

GAS PRORATION

- RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Tubb Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;
- (b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.
- (c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule. Non-standard gas proration units of more than 160 acres may be formed only after notice and hearing by the Commission.
- (d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;
- 1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
- 2. The non-standard gas proration unit lies wholly within a single governmental section.
- 3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Tubb Gas Pool.
- 4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.
- 5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.



6. In lieu of sub-paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary-Director of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 6. (a) The Gommission after notice and hearing, shall-consider the nominations of gas purchasers from the Tubb Gas Pool and other relevant data and shall fix the allowable production of the Tubb Gas Pool.

RULE 7. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period, by months, from the Tubb Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste within the ensuing proration period. "Preliminary Nominations" shall be submitted on a form prescribed by the Commission.

RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a "supplemental" nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Tuhb Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

"Supplemental Neminations" shall be submitted on a form prescribed by the Commission.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month.
- (b) A tabulation of the net allowable, and production for the second praceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month,

- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well well together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Tubb Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Tubb Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Tubb Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Tubb Gas Pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility, which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a.m., January 1, and 7:00 a.m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5, whichever date is the later.

RULE 13. The monthly gas production from each 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 20th 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 gas produced.

Each purchaser or taker of gas in the Tubb Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

Such report shall be filed on either Form C-lll or Form C-ll4 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-lll and C-ll4 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used on the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable; further, the production of intermediate or low-pressure gas derived from the staging of the well fluids need not be charged against the wells gas allowable, provided that said intermediate or low-pressure gas is utilized in accordance with the provisions of Order R-464.

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Tubb Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Tubb Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

-9, Case No. 728 Order No. R-586

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" all operators shall strictly comply with the provisions of Rule 104, paragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

PROVIDED FURTHER, That special pool rules applicable to the Byers-Queen Gas Pool be, and the same hereby are promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE BYERS-QUEEN GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts.

- RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Byers-Queen Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Byers-Queen Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Byers-Queen Gas Pool.
- RULE 2. Each well drilled or recompleted within the Byers-Queen Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or sub-division inner boundary line. Any well drilled to and producing from the Byers-Queen Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.
- RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorth-odox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his oplication a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after

RULE 4. The provisions of Statewide Rule 104, Paragraph (k), shall not apply to the Byers-Queen Gas Pool located in Lea County, New Mexico.

GAS PRORATION

- RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Byers-Queen Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;
- (b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.
- (c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (b) of this Rule. Non-standard gas proration units of more than 160 acres may be formed only after notice and hearing by the Commission.
- (d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;
- 1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
- 2. The non-standard gas proration unit lies wholly within a single governmental section.
- 3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Byers-Queen Gas Pool.
- 4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.
- 5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.

- 6. In lieu of sub-paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary-Director of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.
- RULF 6. (a) The Commission after notice and hearing, shall consider the nominations of gas purchasers from the Byers-Queen Gas Pool and other relevant data and shall fix the allowable production of the Byers-Queen Gas Pool.
- RULE 7. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period, by months, from the Byers-Queen Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste within the ensuing proration period. "Preliminary Nominations" shall be submitted on a form prescribed by the Commission.
- RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a "supplemental" nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Byers-Queen Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

'Supplemental Nominations' shall be submitted on a form prescribed by the Commission.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month,
- (b) A tabulation of the net allowable, and production for the second preceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month,



- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Byers-Queen Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Byers-Queen Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Byers-Queen Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Byers-Queen Gas Pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility, which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a.m., January 1, and 7:00 a.m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5.

RULE 13. The monthly gas production from each 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 20th 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 gas produced.

Each purchaser or taker of gas in the Byers-Queen Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

Such report shall be filed on either Form C-lll or Form C-ll4 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-111 and C-114 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used in the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable.

DEFINITIONS

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Byers-Queen Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Byers-Queen Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" all operators shall strictly comply with the provisions of Rule 104, paragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

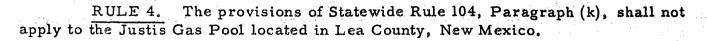
PROVIDED FURTHER, That special pool rules applicable to the Justis Gas Pool be, and the same hereby are promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts.

- RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Justis Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Justis Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Justis Gas Pool.
- RULE 2. Each well drilled or recompleted within the Justis Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or subdivision inner boundary line. Any well drilled to and producing from the Justis Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.
- RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorth-odox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after proper notice and hearing.



GAS PRORATION

- RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Justis Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;
- (b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.
- (c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule. Non-standard gas proration units of more than 160 acres may be formed after notice and hearing by the Commission.
- (d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;
- 1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
- 2. The non-standard gas proration unit lies wholly within a single governmental section.
- 3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Justis Gas Pool.
- 4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.
- 5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter-section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.

- 6. In lieu of sub-paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.
- RULE 6. (a) The Commission after notice and hearing, shall consider the nominations of gas purchasers from the Justis Gas Pool and other relevant data and shall fix the allowable production of the Justis Gas Pool.
- RULE 7. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period, by months, from the Justis Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste within the ensuing proration period. "Preliminary Nominations" hall be submitted on a form prescribed by the Commission.
- RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a supplemental nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Justis Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

"Supplemental Nominations" shall be submitted on a form prescribed by the Commission.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month,
- (b) A tabulation of the net allowable, and production for the second preceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month.

- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Justis Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Justis Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Justis Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Justis Gas Pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility, which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a.m., January 1, and 7:00 a.m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5.

RULE 13. The monthly gas production from each 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 20th 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 gas produced.

Each purchaser or taker of gas in the Justis Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

Such report shall be filed on either Form C-111 or Form C-114 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-III and C-II4 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used on the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable.

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Justis Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Justis Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to or Recomplete" all operators shall strictly comply with the provisions of Rule ragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

EXHIBIT "A"

Horizontal limits of the Tubb Gas Pool

TOWNSHIP 21 SOUTH, RANGE 37 EAST
All of Secs. 3, 9, 10, 15, 16, 17
All of Secs. 20 to 23, and 26 to 29 incl.
SW/4, & Lots 3, 4, 5, 6, 11, 12, 13, 14 of Sec. 2
SE/4, & Lots 1, 2, 7, 8, 9, 10, 15, 16 of Sec. 4
E/2 of Sec. 8
W/2 of Sec. 11
W/2 of Sec. 14
E/2 of Sec. 19
W/2 of Sec. 25
E/2 of Sec. 30
E/2 of Sec. 31
All of Secs. 32 to 36 incl.

TOWNSHIP 22 SOUTH, RANGE 37 EAST
All of Secs. 1 to 5 incl.
E/2 Sec. 6
All Secs. 8 to 16 incl.
E/2 Sec. 21
All Secs. 22 to 25 incl.

TOWNSHIP 22 SOUTH, RANGE 38 EAST

W/2 Sec. 6 W/2 Sec. 7 W/2 Sec. 18 All Secs. 19 & 30

EXHIBIT "B"

Horizontal limits of the Byers-Queen Gas Pool

TOWNSHIP 18 SOUTH, RANGE 38 EAST All Secs. 29 to 32 incl.

-22-Case No. 728 Order No. R-586

EXHIBIT "C"

Horizontal limits of the Justis Gas Pool

TOWNSHIP 25 SOUTH, RANGE 37 EAST SW/4 Sec. 1
SE/4 Sec. 2
E/2 Sec. 11
W/2 Sec. 12
All Sec. 13
E/2 Sec. 14
E/2 Sec. 23
W/2 Sec. 24

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

SEAL

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BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 728 Order No. R-586-A

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
AMENDING, REVISING OR ABROGATING
EXISTING RULES AND REGULATIONS OF
THE OIL CONSERVATION COMMISSION
AND/OR PROMULGATING RULES AND
REGULATIONS RELATING TO GAS POOL
DELINEATION, GAS PRORATION, AND
OTHER RELATED MATTERS, AFFECTING
OR CONCERNING THE TUBB, BYERSQUEEN AND JUSTIS GAS POOLS, LEA
COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER OF THE COMMISSION

BY THE COMMISSION:

It appearing to the Commission that Order R-586, dated April 11, 1955, does not define the horizontal limits of the Justis Gas Pool in a manner which indicates the true horizontal extent of that pool, the Commission

FINDS:

That Exhibit "C" of said order should be revised to redefine the horizontal limits of the Justis Gas Pool.

IT IS THEREFORE ORDERED:

That Order R-586, as the same appears in the records of the Commission, and the original of said order, be amended in the following respects and particulars:

That Exhibit "C" of Order R-586, be changed to read as follows:

EXHIBIT "C"

Horizontal Limits of the Justis Gas Pool:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SW/4 Section 1
SE/4 Section 2
E/2 Section 11
W/2 Section 12

EXHIBIT "C" (continued)

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM (continued)

W/2 Section 13

E/2 Section 14

E/2 Section 23

All Section 24

IT IS FURTHER ORDERED:

That the corrections and changes set forth in this order be entered nunc pro tunc as of April 11, 1955, the date of said Order R-586.

DONE at Santa Fe, New Mexico, on this 18th day of May, 1955.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

SEAL

/ir

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE NO. 1221 Order No. R-586-B

APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER AMENDING THE SPECIAL RULES AND REGULATIONS FOR THE TUBB GAS POOL TO MAKE PROVISION IN SAID RULES FOR THE REGULATION OF OIL WELLS COMPLETED WITHIN THE DEFINED LIMITS OF SAID POOL; AND FURTHER, TO CONSIDER THE DELETION OF THAT PORTION OF ORDER R-586 WHICH RELATES TO THE BYERS-QUEEN GAS POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 14, 1957, May 16, 1957 and again on July 17, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th day of September, 1957, the Commission, a quorum being present, having considered the testimony and evidence adduced and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That several wells have been completed within the defined limits of the Tubb Gas Pool which are capable of producing liquid hydrocarbons with gravities in the range which is commonly accepted to be that of crude petroleum oil, and that such wells should be classified as oil wells.
- (3) That to classify, space, and prorate the aforesaid wells as though they were gas wells could be unfair to the royalty owners in the Tubb Gas Pool.
- (4) That an oil well in the Tubb Gas Pool should be defined as a well which produces liquid hydrocarbons possessing a gravity of 45° API or less.

- (5) That an oil well in the Tubb Gas Pool should have dedicated thereto a proration unit consisting of 40 acres, more or less, being a governmental quarter-quarter section legal subdivision of the United States Public Land Surveys.
- (6) That no acreage should be simultaneously dedicated to an oil well and to a gas well in the Tubb Gas Pool.
- (7) That the limiting gas-oil ratio for oil wells in the Tubb Gas Pool should be 2000 cubic feet of gas for each barrel of oil produced.
- (8) That the Special Rules and Regulations for the Byers-Queen Gas Pool as set forth in Order R-586 should be deleted since the production from the said Byers-Queen Gas Pool is no longer of sufficient consequence to warrant its continued prorationing.

IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations for the Tubb Gas Pool, as set forth in Order R-586, be and the same are hereby amended to include the following rules:

SPACING AND OPERATION OF OIL WELLS

- RULE 16. An oil well in the Tubb Gas Pool shall be defined as a well which produces hydrocarbons possessing a gravity of 45° API or less.
- RULE 17. An oil well in the Tubb Gas Pool shall have dedicated thereto a proration unit consisting of 40 acres, more or less, being a governmental quarter-quarter section legal subdivision of the United States Public Land Surveys.
- RULE 18. No acreage shall be simultaneously dedicated to an oil well and to a gas well in the Tubb Gas Pool.
- RULE 19. The limiting gas—oil ratio for oil wells in the Tubb Gas Pool shall be 2000 cubic feet of gas for each barrel of oil produced.
- (2) That the Special Rules and Regulations for the Byers-Queen Gas Pool, as set forth in Order R-586, be and the same are hereby deleted effective September 30, 1957.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE NO. 1293 Order No. R-586-C

APPLICATION OF AMERADA PETROLEUM CORPORATION FOR AN ORDER AMENDING THE SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL IN LEA COUNTY, NEW MEXICO AS SET FORTH IN ORDER R-586, R-586-A AND R-586-B, AS AMENDED BY ORDER R-967, TO PROVIDE FOR 320-ACRE GAS PRORATION UNITS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 15, 1957, and again on September 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 3rd day of October, 1957, the Commission, a quorum being present, having considered the application and the evidence adduced and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the Commission by Order R-586 dated April 11, 1955, established 160-acre spacing for the Justis Gas Pool.
- (3) That the applicant, Amerada Petroleum Corporation, has proved by the evidence in this case that one well will drain 320 acres in the Justis Gas Pool.
- (4) That at present, the Justis Gas Pool has not been so far developed as to prevent the adoption of 320-acre spacing in said pool.
- (5) That the adoption of 320-acre spacing in the Justis Gas Pool will not cause waste nor impair correlative rights.

(6) That the adoption of 320-acre spacing in the Justis Gas Pool will prevent the drilling of unnecessary wells in said pool.

IT IS THEREFORE ORDERED:

- (1) That any well which was projected to or completed in the Justis Gas Pool prior to the effective date of this order be and the same is hereby granted an exception to Rule 5 hereinafter set forth.
- (2) That an increase in the acreage dedicated to any such excepted well shall become effective the first day of the month following receipt by the Commission of Form C-128, Well Location and Acreage Dedication Plat, provided said Form C-128 indicates that the acreage dedicated to such well has been increased in conformance with the Special Rules and Regulations for the Justis Gas Pool.
- (3) That Rule 5 of the Special Rules and Regulations for the Justis Gas Pool be and the same is hereby superseded by the following rule:

SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL

- RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the Gas Proration Unit for that well. For the purpose of Gas Allocation in the Justis Gas Pool, a standard proration unit shall consist of between 316 and 324 contiguous surface acres, substantially in the form of a rectangle which shall be a legal subdivision (half section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;
- (b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 320 acres. Any gas proration unit containing between 316 and 324 acres shall be considered to contain 320 acres for the purpose of computing allowables.
- (c) A non-standard gas proration unit may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule.
- (d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without notice and hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;
- 1. The proposed non-standard proration unit consists of less than 320 acres or where the unorthodox size or shape of the tract is due to a variation in legal subdivision of the U.S. Public Land Surveys.

- 2. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
- 3. The non-standard gas proration unit lies wholly within a single governmental section.
- 4. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Justis Gas Pool.
- 5. The length or width of the non-standard gas proration unit does not exceed 5280 feet.
- 6. The applicant presents written consent in the form of waivers from (a) all operators owning interests in section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.
- 7. In lieu of sub-paragraph 6 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN. Member

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

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. 728 Order No. R-586-D

APPLICATION OF EL PASO NATURAL GAS COMPANY FOR AN ORDER EXTENDING THE VERTICAL LIMITS OF THE JUSTIS GAS POOL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 13, 1958, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this /8 day of November, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, El Paso Natural Gas Company, requested that Case No. 728 be dismissed without prejudice.

IT IS THEREFORE ORDERED:

That Case No. 728 be and the same is hereby dismissed without prejudice.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

DEFORE 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. 728 Order No. R-586-E

APPLICATION OF EL PASO NATURAL GAS COMPANY FOR AN ORDER REVISING AND AMENDING ORDER NO. R-586 TO PROVIDE FOR AN EXTENSION OF THE VERTICAL LIMITS OF THE JUSTIS GAS POOL IN LEACOUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 14, 1959, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinsfter referred to as the "Commission."

Mill, on this 12th day of February, 1959, the Commission, a quorum being present, having considered the application and the evidence adduced and being fully advised in the premises,

PINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject satter thereof.
- (3) That the present vertical limits of the Justis Gas Pool, as established by Order No. B-586, extend from the top of the Glorieta formation to a point 200 feet immediately below the Glorieta datum.
- (3) That the applicant, El Paso Natural Gas Company, proposes that the vertical limits of the Justis Gas Pool be redefined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea datum -1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 330 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 Rast, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea datum -1799) in said McBuffington Well No. 8.

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(4) That the evidence presented in this case established that the vertical limits should be redefined as proposed by the

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(5) That the perforations in the two following-described wells in the Justis Gas Pool extend below the proposed vertical limits, and therefore these wells should be plugged back so that they will be open only within the established vertical limits of said pool:

> Gulf Oil Corporation Ramsey "F" Well No. 3, NW/4 NE/4 of Section 36

Westates Carlson Federal "A" Well No. 1, NW/4 SE/4 of Section 25

both in Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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That the vertical limits of the Justis Gas Pool be and the same are hereby redefined as follows:

> From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea datum -1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 330 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea datum -1799) in said McBuffington Well No. 8.

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(2) That the following-described wells shall, within 90 days after the effective date of this order, be plugged back so that they are open only within the established vertical limits of the Justis Gas Pool:

> Gulf Oil Corporation Ramsey "F" Well No. 3, NW/4 NE/4 of Section 36.

Westates Carlson Federal "A" Well No. 1, NW/4 SE/4 of Section 25

both in Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

-3-Case No. 728 Order No. R-586-E

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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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. 728 Order No. R-586-F

APPLICATION OF HAMILTON DOME OIL COMPANY, LTD., FOR AN EXCEPTION TO THE REQUIREMENTS OF ORDER NO. R-586-E FOR A WELL IN THE JUSTIS GAS POOL, LEA COUNTY, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 22, 1959, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 13th day of May, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Hamilton Dome Oil Company, Ltd., is the operator of the Westates Carlson Federal "A" Well No. 1, located in the NW/4 SE/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.
- (3) That the perforations in the said Westates Carlson Federal "A" Well No. 1 extend below the vertical limits of the Justis Gas Pool as established by Order No. R-586-E.
- (4) That Order No. R-586-E required that the said Westates Carlson Federal "A" Well No. 1 be plugged back so as to be open only within the established vertical limits of the Justis Gas Pool.
- (5) That the applicant seeks an exception to this "plug-back" requirement for its said Westates Carlson Federal "A" Well No. 1.
- (6) That there is little likelihood that allowing the said Westates Carlson Federal "A" Well No. 1 to remain open below the established vertical limits of the Justis Gas Pool will result in waste.

-2-Case No. 728 Order No. R-586-F

(7) That due to the nature of the completion of the said Westates Carlson Federal "A" Well No. 1, there is a reasonable probability that any attempt to plug back this well so that it will be open only within the defined vertical limits of the Justis Gas Pool would result in waste.

IT IS THEREFORE ORDERED:

That the applicant's Westates Carlson Federal "A" Well No. 1,located in the NW/4 SE/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, be and the same is hereby exempt from the provision in Order No. R-586-E requiring it to be plugged back so as to be open only within the defined vertical limits of the Justis Gas Pool.

DONE at Santa Fe, New designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 2832 ORDER NO. R-2507

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CHANGING
VERTICAL LIMITS, AND EXTENDING
CERTAIN POOLS IN EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION

This cause came on for hearing at 9 o'clock a.m., on June 19, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this <u>21st</u> day of June, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Estacado-Pennsylvanian Pool. Said Estacado-Pennsylvanian Pool was discovered by Union Oil Company of California, State No. 1-17, located in Unit A of Section 17, Township 14 South, Range 35 East, NMPM. It was completed in Pennsylvanian on April 16, 1963. The top of the perforations is at 11,478 feet.
- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of

High Plains-Pennsylvanian Pool. Said High Plains-Pennsylvanian Pool was discovered by Texas Crude Oil Company and Sinclair Oil & Gas Company, State No. 1-23, located in Unit M of Section 23, Township 14 South, Range 34 East, NMPM. It was completed in Pennsylvanian on April 10, 1963. The top of the perforations is at 10,463 feet.

- (4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Strawn (Pennsylvanian) formation, said pool to bear the designation of Hope-Strawn Gas Pool. Said Hope-Strawn Gas Pool was discovered by Sunray DX Oil Company, New Mexico State "AH" No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, NMPM. It was completed in Strawn (Pennsylvanian) on January 12, 1963. The top of the perforations is at 7326 feet.
- (5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of North Justis-Glorieta Pool. Said North Justis-Glorieta Pool was discovered by Westates Petroleum Company, Carlson B-1 No. 2, located in Unit E of Section 1, Township 25 South, Range 37 East, NMPM. It was completed in Glorieta on March 13, 1963. The top of the perforations is at 4900 feet.
- (6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Vacuum-Pennsylvanian Pool. Said Vacuum-Pennsylvanian Pool was discovered by Socony Mobil Oil Company, Inc., State Bridges No. 96, located in Unit H of Section 26, Township 17 South, Range 34 East, NMPM. It was completed in Pennsylvanian on March 3, 1963. The top of the perforations is at 11,372 feet.
- (7) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Milnesand-San Andres Pool. Said West Milnesand-San Andres Pool was discovered by Cactus Drilling Company, Bolles No. 1, located in Unit H of Section 20, Township 8 South, Range 34 East, NMPM. It was completed in San Andres on April 22, 1963. The top of the perforations is at 4554 feet.
- (8) That there is need for the consolidation of the West Pearl-Queen Pool and the Pearl-Queen Pool, Lea County, New Mexico, inasmuch as the pools produce from the same formations, said consolidation to be accomplished by abolishment of the West Pearl-

Queen Pool and extension of the Pearl-Queen Pool.

- (9) That there is need for the extension of the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to thereby include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East.
- (10) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Jackson-Abo Pool, the East Millman Queen-Grayburg Pool, the East Millman-Seven Rivers Pool, the Red Lake (Grayburg-San Andres) Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the North Bagley-Wolfcamp Pool, the Lane-Pennsylvanian Pool, the Lusk-Strawn Pool, the Oil Center-Blinebry Pool, and the Vacuum-Abo Reef Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Estacado-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM Section 17: NE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the High Plains-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM Section 23: SW/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production, is hereby created and designated as the Hope-Strawn Gas Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM Section 30: All

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production, is hereby created and designated as the North Justis-Glorieta Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 1: NW/4

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Vacuum-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM Section 26: NE/4

(f) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the West Milnesand-San Andres Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM Section 20: NE/4

(g) That the West Pearl-Queen Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 25: SW/4
Section 36: W/2

is hereby abolished.

(h) That the Pearl-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 25: SW/4
Section 36: W/2

(i) That the North Bagley-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM Section 23: SW/4

(j) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 28: S/2 SE/4

(k) That the Jackson-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM Section 22: NW/4 SE/4

That the Lane-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 23: NE/4 Section 24: W/2 Section 25: NW/4

That the Lusk-Strawn Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 30: NW/4

That the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 24: NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM

Section 6: SW/4

Section 7: NW/4 and N/2 SW/4

That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: SE/4 NE/4 and N/2 NE/4

Section 23: NW/4

That the Oil Center-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 4: Lots 2 and 7

Section 5: Lots 1 and 2

Section 9: NE/4

(q) That the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 16: NE/4

Further extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to include the Queen formation underlying Unit H of Section 9 and Unit E of Sections 14 and 15, all in Township 17 South, Range 28 East.

(r) That the Vacuum-Abo Reef Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 26: NW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 12: N/2 NE/4 and NW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 6: SE/4 NE/4

(s) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 20: W/2 Section 29: W/2 and SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, change of vertical limits, and extensions included herein shall be July 1, 1963.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

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

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CASE No. 1937 Order No. R-1670

VI. SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL

(The Justis Gas Pool was created January 1, 1950, and gas proration was instituted January 1, 1954. The standard proration unit was changed from 160 acres to 320 acres October 3, 1957.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 5(A): A standard gas proration unit in the Justis Gas Pool shall be 320 acres.

C. ALLOCATION AND GRANTING ALLOWABLES

RULE 8(A): The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the Pool.

RULE 8(B): Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and a plat (Form C-128), or the date of application for a non-standard gas proration unit as provided in Rule 5-C, of the General Rules.

H. MISCELLANEOUS SPECIAL POOL RULES

RULE 25(A): The vertical limits of the Justis Gas Pool shall be defined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea Datum - 1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 350 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea Datum - 1799) in said McBuffington Well No. 8.

RUIE 25(B): The Hamilton Dome Westates Carlson Federal "A" Well No. 1, located in the NW/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as the completion existed on April 22, 1959, shall be considered to be completed within the vertical limits of the Justis Gas Pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules)

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO RESCIND ORDER NO. R-1670, TO RECODIFY AND AMEND THE GENERAL RULES FOR PRORATED GAS POOLS, AND AMEND THE SPECIAL RULES FOR PRORATED GAS POOLS

CASE NO. 8749 Order No. R-8170

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 19, 1985, and January 7 and February 26, 1986, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th day of March, 1986, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises.

FINDS THAT:

- (1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) The application in the instant case seeks to rescind Order No. R-1670, as amended, to recodify and amend the General Rules and Regulations for the Prorated Gas Pools contained therein and to amend the special gas proration rules for the Atoka-Pennsylvanian, Blinebry, Buffalo Valley-Pennsylvanian, Burton Flat-Morrow, Burton Flat-Strawn, South Carlsbad-Morrow, Catclaw Draw-Morrow, Crosby-Devonian, Eumont, Indian Basin-Morrow, Indian Basin-Upper Pennsylvanian, Jalmat, Justis-Glorieta, Monument McKee-Ellenburger, and Tubb Gas Pools of Lea, Eddy and Chaves Counties, and the special gas proration rules for the Basin-Dakota, Blanco-Mesaverde, South Blanco-Pictured Cliffs, and Tapacito-Pictured Cliffs Gas Pools of San Juan, Sandoval and Rio Arriba Counties.
- (3) Order No. R-1670, entered May 20, 1960, consolidated special gas proration rules for thirteen prorated pools in Northwest and Southeast New Mexico, into a set of general rules for prorated gas pools in each geographic area and established special rules for individual pools.

See Also R-8170 A: Amending Roles 10(a), 11(4) and 11(4)

- (4) From time to time, said Order No. R-1670 has been amended, at least 28 times, adding or deleting pools from prorationing and amending general and special rules.
- (5) The multiple changes made since 1960 are difficult to follow in reading said amended order.
- (6) The original order and most of the amendments were written at a time when demand for gas from prorated gas pools was increasing.
- (7) Since 1982, demand for gas from such pools has declined, often precipitously.
- (8) To make said general and special rules more readable, more responsive to changing market conditions, and more uniform, the Director of the Oil Conservation Division (Division) established a State/Industry Gas Proration Rules Study Committee in early 1984.
- (9) Said study committee and various ancillary committees met from time to time and formed recommendations which were received at public hearing on November 19, 1985, and January 7 and February 26, 1986.
- (10) Based upon the report of the Committee and other evidence received at said hearings recodified and new general rules and special rules for prorated gas pools in New Mexicon should be adopted as shown on Exhibit "A" and Exhibit "B", respectively, attached to this order.
- (11) Division Form C-121-A, Purchasers Gas Nomination, should be revised as shown on Exhibit "C", attached to this order, in order to reflect changes in said general rules.
 - (12) Order No. R-1670, as amended, should be rescinded.
- (13) The effective date of this order should coincide with the beginning of the next gas proration period, April 1, 1986.
- (14) Adoption of said revised and new rules and rescission of Order No. R-1670, as amended, and revision of Form C-121-A will serve to prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) General Rules for the Prorated Gas Pools of New Mexico are hereby adopted as shown on Exhibit "A" attached to and made a part of this order.

(2) The General Rules for the prorated gas pools of New Mexico contained in said Exhibit "A" shall be applicable to the following gas pools:

Northwest New Mexico

Basin-Dakota Gas Pool South Blanco-Pictured Cliffs Gas Pool

Blanco-Mesaverde Gas Pool Tapacito-Pictured Cliffs Gas Pool

Southeast New Mexico

Atoka-Pennsylvanian Gas Pool
Buffalo Valley-Pennsylvanian
Gas Pool
Burton Flat-Strawn Gas Pool
Catclaw Draw-Morrow Gas
Pool
Eumont Gas Pool
Indian Basin-Upper Pennsylvanian
Gas Pool
Justis Gas Pool
Tubb Oil & Gas Pool

Blinebry Oil and Gas Pool
Burton Flat-Morrow Gas
Pool
South Carlsbad-Morrow Gas
Pool
Crosby-Devonian Gas Pool
Indian Basin-Morrow Gas
Pool
Jalmat Gas Pool
Monument McKee-Ellenburger
Gas Pool

- (3) Special rules for individual prorated gas pools in New Mexico are hereby adopted as shown on Exhibit "B" attached to and made a part of this order.
 - (4) Order No. R-1670, as amended, is hereby rescinded.
- (5) Division Form C-121-A is hereby revised as shown on Exhibit "C" attached to this order.
- (6) The effective date of this order and of the general and special rules and the order rescission contained herein shall be April 1, 1986.
- (7) 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

JIM BACA, Member

ED KELLEY, Member

Chairman and Secretary

SEAL

GENERAL RULES FOR THE PRORATED GAS POOLS OF NEW MEXICO

(See Special Pool Rules in each pool for rules applicable to those pools only. Special Pool Rules will be found in the same sequence as in the General Section, and unless the special rules conflict with the general rule, the general rule is applicable.)

APPLICATION OF THESE RULES: Any well drilled to the producing formation of a gas 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 these rules or the special rules in effect in that pool.

RULE 1 DEFINITIONS

ACREAGE FACTOR: A GPU's Acreage Factor shall be determined to the nearest hundredth of a unit by dividing the acreage assigned to the GPU by a number equal to the number of acres in a standard GPU for such pool. However, the acreage tolerance provided in Rule 2(a) 2 shall apply.

AD FACTOR: Acreage times Deliverability Factor is calculated in pools where acreage and deliverability are proration factors. The product obtained by multiplying the acreage factor by the calculated deliverability (expressed as MCF per day) for that GPU shall be known as the AD factor for that GPU. The AD factor shall be computed to the nearest whole unit.

BALANCING DATE: The date 7:00 a.m. April 1 of each year shall be known as the balancing date, and the twelve months following this date shall be known as the gas proration period.

GAS POOL: Any pool which has been designated as a gas pool by the Division after notice and hearing.

GAS PRORATION UNIT (GPU): The acreage allocated to a well, or in the case of an infill well or wells to a group of wells, for purposes of spacing and proration shall be known as the gas proration unit (GPU).

GPUs may be either of a standard or non-standard size as provided in these rules.

CASE 8749 ORDER R-8170 EXHIBIT "A" GAS TRANSPORTER: The term gas transporter as used in these rules shall mean any taker of gas either at the wellhead, at any other point on the lease, or at any other point authorized by the Division where connection is made for gas transportation or utilization (other than that necessary for maintaining the producing ability of the well).

GAS PURCHASER: The term gas purchaser as used in these rules shall mean the purchaser (where ownership of the gas is first exchanged by the producer to the purchaser for an agreed value) of the gas from a gas well or GPU. In the event that two or more purchasers purchase from a particular gas well or GPU, the gas purchaser shall be the purchaser of the largest percentage of interest in the gas well or GPU.

HARDSHIP GAS WELL: A gas well wherein underground waste will occur if the well should be shut-in or curtailed below its minimum sustainable flow rate. No well shall be classified as a hardship gas well except after notice and hearing or upon appropriate administrative action of the Division.

INFILL WELL: An additional producing well on a GPU which serves as a companion well to an existing well on the GPU.

MARGINAL GPU: A proration unit which is incapable of producing a non-marginal allowable based on pool allocation factors. Marginal units do not accrue over- or under-production.

NON-MARGINAL GPU: A proration unit receiving an allowable based upon pool allocation factors. Non-marginal proration units accrue over- or underproduction.

OVERPRODUCTION: The volume of gas produced on a GPU in any month in excess of the assigned non-marginal allowable (does not include gas used in maintaining the producing ability of the well(s) of the GPU). Overproduction accumulates month to month during the proration period.

PRORATED GAS POOL: A prorated gas pool is a gas pool in which, after notice and hearing, the production is allocated by the Division in accordance with these general rules and any applicable special pool rules.

PRORATION PERIOD: The twelve-month period beginning April 1 of each year shall be the gas proration period.

UNDERPRODUCTION: The volume of assigned non-marginal allowable not produced on a GPU. Underproduction accumulates month to month during the proration period.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a) 1 STANDARD GAS PRORATION UNIT SPACING: (See Special Pool Rules for applicable size of proration units.) Unless otherwise specified by the Special Pool Rules, 160-acre units shall comprise a single governmental quarter-section; 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; and a 640-acre unit shall comprise a single governmental section.

RULE 2(a) 2 STANDARD GPU SIZE AND VARIANCE: A standard GPU shall consist of contiquous surface acreage and shall be substantially in the form of a square in pools having 160 acre or 640 acre standard GPUs, and in the form of a rectangle in pools having 320 acre standard GPUs, and shall be a legal subdivision of the U.S Public Land Surveys (quarter-section, half-section, or section, as applicable). Any GPU containing acreage within the appropriate tolerance limit shown below shall be considered to contain the number of acres in a standard GPU for the purpose of computing allowables.

		ACREAGE TOLERANCE
<u>S'</u>	TANDARD PRORATION UNIT	FOR STANDARD UNIT
	160 acres	158-162 acres
	320 acres	316-324 acres
	640 acres	632-648 acres

RULE 2(a) 3 NON-STANDARD PRORATION UNIT APPROVAL PROCEDURE AT DISTRICT LEVEL: The District Supervisor of the appropriate district office of the Division shall have the authority to approve a non-standard GPU as an exception to Rule 2(a) 2 without notice and hearing when the unorthodox size or shape of the GPU is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard GPU is not less than 75% nor more than 125% of a standard GPU.

The District Supervisor of the appropriate district office of the Division may approve the non-standard GPU by:

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

2) Assigning an allowable to the non-standard GPU.

RULE 2(a) 4 NON-STANDARD PRORATION UNIT APPROVAL PROCEDURE AT DIRECTOR LEVEL: The Director of the Division may grant an exception to the requirements of Rule 2(a) 2 when the unorthodox size or shape of the GPU is necessitated by a variation in the legal subdivision of the U.S. Public Land Surveys and the non-standard GPU is less than 75% or more than 125% of a standard GPU, or where the following facts exist and the following provisions are complied with:

- 1) The non-standard GPU consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
- 2) The non-standard GPU lies wholly within a governmental subdivision or subdivisions which would be a standard GPU for the well (quarter-section, half-section, or section) but contains less acreage than a standard GPU.
- 3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter-section, half-section, or section (for 160-acre, 320-acre, 640-acre standard dedications respectively) in which the non-standard GPU is situated and which acreage is not included in said non-standard GPU.
- 4) In lieu of Paragraph (3) of this rule, the applicant may furnish proof of the fact that all of the aforesaid offset operators were notified by registered or certified mail of his intent to form such non-standard GPU. The Director may approve the application if no such operator has entered an objection to the formation of such non-standard GPU within 20 days after Director has received the application.

RULE 2(b) WELL LOCATION: Each well drilled or completed on a spacing and proration unit governed by these rules, including approved non-standard GPUs, shall be located as provided below:

(1) NORTHWEST NEW MEXICO

STANDARD PRORATION UNIT

LOCATION REQUIREMENTS

160 acres

Not closer than 790 feet to the outer boundary of the tract, nor closer than 130 feet to any quarter-quarter

section or subdivision inner boundary.

320 acres

Not closer than 790 feet to the outer boundary of the quarter-section upon which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.

(2) SOUTHEAST NEW MEXICO

STANDARD PRORATION UNIT

LOCATION REQUIREMENTS

160 acres

Not closer than 660 feet to any outer boundary of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

320 acres

Not closer than 660 feet to any side boundary (long dimension) or 1980 feet to any end boundary (short dimension) of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

640 acres

Not closer than 1650 feet to the outer boundary of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

RULE 2(c) UNORTHODOX WELL LOCATION: The Division Director 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 topographic conditions or the recompletion of a well previously drilled to a deeper horizon, provided said well was drilled at an orthodox or approved unorthodox location for such original horizon.

Applications for administrative approval of unorthodox locations shall be filed in duplicate (original to Santa Fe

and one copy to the appropriate Division District Office) 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 on topography, the plat shall also show and describe the existent topographic conditions.

The Division Director shall have authority to grant an exception to the well location requirements for wells in Southeast New Mexico on 320 acre spacing without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions provided that any such unorthodox location shall be no closer than 660 feet to the nearest side boundary nor closer than 990 feet to the nearest end boundary of the GPU.

If the proposed unorthodox location is based upon geology, the application shall include appropriate geologic maps, cross-sections, and/or logs, and discussion of the geologic conditions which result in the necessity for the unorthodox location.

All operators of proration or spacing units offsetting the unorthodox location on the two GPU boundaries and two GPU corners closest to the unorthodox well location shall be furnished a copy of the application by certified or registered mail, and the application shall state that such notification has been given. The Division Director may approve the unorthodox location upon receipt of waivers from all such offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Director has received the application.

The Division Director may, at his discretion, set any application for administrative approval of an unorthodox location for public hearing.

B. NOMINATIONS AND PRORATION SCHEDULE

NOMINATE: Each month each gas purchaser or each gas transporter as herein provided shall file with the Division its nomination for the amount of gas which it actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. The purchaser may delegate the nomination responsibility to the transporter by notifying the Division's Santa Fe office. One copy of such nomination for each pool shall be submitted to the Division's Santa Fe office on Form C-121-A by the

first day of the month during which the Division will consider at its allowable hearing the nominations for the succeeding month. The Division shall consider at its monthly gas allowable hearing the nominations of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste during the ensuing month.

RULE 3(b)1 SCHEDULE: The Division will issue a proration schedule setting out the amount of gas which each GPU may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each GPU on the schedule.

RULE 3(b) 2 PRORATION OF ALL GAS WELLS WITHIN A POOL: The Division shall include in the proration schedule the gas wells in the gas pools regulated by this order delivering to a gas transporter, and shall include in the proration schedule any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility, which is reasonably capable of handling the type of gas produced by such well.

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 4 FILING OF FORM C-102 AND FORM C-104 REQUIRED:
No GPU shall be assigned an allowable prior to receipt of
Form C-102 (Well Location and Acreage Dedication Plat) and
the approval date of Form C-104 (Request for Allowable and
Authorization to Transport Oil and Natural Gas).

RULE 5 HOW ALLOWABLES ARE CALCULATED: The total allowable to be allocated to each gas pool regulated by this order each month shall be equal to the sum of all gas purchasers' nominations for that pool, together with any adjustment which the Division deems advisable. A monthly allowable shall be assigned to each GPU entitled to an allowable by allocating the pool allowable among all such GPUs in that pool in accordance with the procedure set forth in these rules.

RULE 5(a)1 MARGINAL GPU ALLOWABLE: The monthly allowable to be assigned to each marginal GPU shall be equal to its latest available monthly production.

RULE 5(a) 2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner (See Special Pool Rules):

- (1) In pools where acreage is the only proration factor, the remaining allowable shall be allocated to each GPU in the proportion that each GPU acreage factor bears to the total acreage factor for all non-marginal GPUs.
- (2) In pools where acreage and deliverability are proration factors:
 - a) A percentage as set forth in Special Pool Rules, of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool; and
 - b) The pool allowable remaining to be assigned to non-marginal GPUs shall be allocated among each GPU in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.
- RULE 5(b)1 NEW CONNECTS ASSIGNMENT OF ALLOWABLES: Allowables to newly completed gas wells shall commence:
- (A) In pools where acreage is the only proration factor, on the date of first delivery of gas to a gas transporter as demonstrated by an affidavit furnished by the transporter to the appropriate Division district office, or the approval date of Form C-102 and Form C-104, whichever is later; or,
- (B) In pools where acreage and deliverability are proration factors:
- 1) An acreage factor allowable will be assigned the later of:
 - a) The date of first delivery of gas to a gas transporter as demonstrated by an affidavit furnished by the transporter to the appropriate Division district office.
 - b) The approval date of Form C-102 and Form C-104.
- 2) A deliverability factor allowable will be assigned the later of:

- a) The date of first delivery.
- b) 90 days prior to the date of receipt of the deliverability test report at the appropriate Division district office.

RULE 5(b) 2 NEW CONNECT MAXIMUM PRODUCING PERIOD: No well located in a pool where deliverability is an allowable factor shall be permitted to produce more than 120 days after the date of first delivery without a deliverability test. Any well shut in for failure to file a deliverability test may be assigned producing authorization by the Division district office for purposes of conducting such test. Except as provided in Rule 9, all production following connection including the volume of test production shall be charged against the GPU's regular allowable when assigned. Any resulting allowable assigned shall be effective on the day that the delinquent deliverability test is received in the appropriate Division district office.

RULE 6 GAS CHARGED AGAINST GPU'S ALLOWABLE: Except as provided in the Special Pool Rules, the volume of produced gas sold or beneficially used other than lease fuel from each GPU shall be charged against the GPU's allowable; however, the gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 7 CHANGE IN ACREAGE: If, during a proration month, the acreage assigned to a GPU is changed, the operator shall during such month notify the appropriate Division district office in writing of such change by filing a revised plat (Form C-102). The revised allowable assigned the GPU shall be effective on the first day of the month following receipt of the notification.

RULE 8 MINIMUM ALLOWABLES: After notice and hearing, the Division may assign minimum allowables in order to prevent the premature abandonment of wells. (See Special Pool Rules for minimum allowable amount.)

RULE 9(a) DELIVERABILITY TESTS: In pools where acreage and deliverability are proration factors, deliverability tests taken in accordance with Division rules shall be used in calculating allowables for the succeeding proration period. Deliverability shall be determined in accordance with the provisions of the appropriate test manual (See Manual of Gas Well Testing Rules and Procedures).

RULE 9(b) DELIVERABILITY FOR RECOMPLETION/WORKOVER/

RETEST: A change in a well's deliverability due to retest after recompletion or workover shall become effective the later of:

- (1) the date of redelivery of gas after workover, such date to be determined from Form C-104 (Request for Allowable and Authorization to Transport Oil and Natural Gas) as filed by the operator; or
- (2) 90 days prior to the date of receipt of the appropriate deliverability test report form at the appropriate Division district office.

A change in a well's deliverability due to any other retest shall become effective on the first day of the month following the month during which the retest is received in the appropriate Division district office.

RULE 9(c) EXCEPTIONS TO DELIVERABILITY TESTS: The Director of the Oil Conservation Division shall have authority to allow exceptions to the deliverability test requirement for wells on marginal GPUs where the deliverability of a well is of such volume as to have no significance in the determination of the GPU's allowable. Application for such exception may be submitted by the operator of the well and, if granted, may be revoked by the Director at any time by requesting the well to be scheduled and tested in accordance with the current "Gas Well Testing Rules and Procedures".

RULE 9(d) WELLS EXEMPT FROM TESTING-SAN JUAN BASIN: A well automatically becomes exempt from testing if the GPU's average monthly production does not exceed or the GPU is not capable of producing 250 MCF per month for Pictured Cliffs Formation wells and 2,000 MCF per month for deeper formations. (See "Gas Well Testing Rules and Procedures".)

D. BALANCING OF PRODUCTION

RULE 10(a) UNDERPRODUCTION: Any non-marginal GPU which has an underproduced status as of the end of a gas proration period shall be allowed to carry such underproduction forward into the next gas proration period and may produce such underproduction in addition to the allowable assigned during such succeeding period. Any underproduction carried forward into a gas proration period and remaining unproduced at the end of such gas proration period shall be cancelled.

Rules 10(a)(1) added by R-B170-B
10(4)(2) -10-

RULE 10(b) BALANCING UNDERPRODUCTION: Production during any one month of a gas proration period in excess of the allowable assigned to a GPU for such month shall be applied against the underproduction carried into such period in determining the amount of allowable, if any, to be cancelled.

RULE 11(b) SIX-TIMES OVERPRODUCED: If it is determined that a GPU is overproduced in an amount exceeding six times its average monthly allowable for the preceding twelve months (or, in the case of a newly connected well, a well in a newly prorated pool or a well recently reclassified as non-marginal, six times its average monthly non-marginal allowable for the months available), it shall be shut in until its overproduction is less than six times its average monthly allowable, as determined hereinabove.

Note 11(4)(1) and 11(4)(2) Anded by 8/70-A

RULE 11(c) EYCEPTION TO SHUT-IN FOR OVERPRODUCTION: The Director of the Oil Conservation Division shall have authority to permit a GPU which is subject to shut-in, pursuant to Rules 11(a) or 11(b) above, to produce up to 250 MCF of gas per month upon proper showing to the Director that complete shut-in would cause undue hardship, provided however, such permission may be rescinded for any GPU produced in excess of the monthly rate authorized by the Director.

RULE 11(d) BALANCING OVERPRODUCTION: Allowable assigned to a GPU during any one month of a gas proration period in excess of the production for the same month shall be applied against the overproduction chargeable to such GPU in determining the amount of overproduction which must be made up pursuant to the provisions of Rule 11(a) or 11(b) above.

RULE 11(e) EXCEPTION TO BALANCING OVERPRODUCTION: The Director may allow overproduction to be made up at a lesser rate than permitted under Rules 11(a), 11(b), or 11(d) above upon a showing at public hearing that the same is necessary to avoid material damage to the well.

RULE 11(f) HARDSHIP GAS WELLS: If a GPU containing a hardship gas well is overproduced, the operator must take the necessary steps to reduce production in order to reduce the overproduction.

Any overproduction existing at the time of designation of a well as a hardship gas well or accruing to the GPU thereafter shall be carried forward until such time as it is made up by underproduction.

No GPU containing a hardship gas well, which GPU is overproduced, shall be permitted to produce at a rate higher than the minimum producing rate authorized by the Division.

RULE 11(g) MORATORIUM ON SHUT-INS: The Director shall have authority to grant a pool-wide moratorium of up to three months as to the shutting in of gas wells in a pool during periods of high demand emergency upon proper showing that such emergency exists, and that a significant number of the wells in the pool are subject to shut-in pursuant to the provisions of Rules 11(a), 11(b), or 11(f) above. No moratorium beyond the aforementioned three months shall be granted except after notice and hearing.

G. CLASSIFICATION OF GPUS

RULE 12(a) <u>CLASSIFICATION PERIOD</u>: The proration period shall be divided into three classification periods of four months each, commencing April 1, August 1, and December 1.

RULE 12(b) RECLASSIFICATION BY THE DIRECTOR: The Director of the Oil Conservation Division may reclassify a marginal or non-marginal GPU at any time the GPU's production data, deliverability data, or other evidence as to the GPU's producing ability justifies such reclassification.

The Director may suspend the reclassification of GPUs which would be effective on August 1 and December 1 on his own initiative or upon proper showing by an interested party, should it appear that such suspension is necessary to permit underproduced GPUs, which would otherwise be reclassified, a proper opportunity to make up such underproduction.

RULE 13(a) RECLASSIFICATION TO MARGINAL: After the production data is available for the last month of each classification period, any GPU which had an underproduced status at the beginning of the proration period may be

classified marginal if its highest single month's production during the classification period is less than its average monthly allowable during such period; however, the operator of any GPU so classified, or other interested party, shall have 30 days after receipt of notification of marginal classification in which to submit satisfactory evidence to the Division that the GPU is not of marginal character and should not be so classified.

RULE 13(b) CANCELLATION OF UNDERPRODUCTION ON MARGINAL GPUs: A GPU which is classified as marginal shall not be permitted to accumulate underproduction, and any underproduction accrued to a GPU prior to its classification as marginal shall be cancelled.

RULE 14(a) RECLASSIFICATION TO NON-MARGINAL: If, at the end of any month, a marginal GPU has produced more than the total allowable for the month which would have been assigned if such GPU had been classified non-marginal, the marginal GPU shall be reclassified as a non-marginal GPU.

RULE 14(b) REINSTATEMENT OF STATUS: An operator of a GPU being reclassified as non-marginal which GPU was classified marginal at the end of the classification period may have eligible underage reinstated and its net status adjusted accordingly by demonstrating that the GPU could have produced a non-marginal allowable prior to its reclassification. (If the GPU had been classified as marginal for one proration period only, or a portion of one proration period only, any underproduction cancelled as the result of such classification shall be reinstated.) All uncompensated-for overproduction accruing to the GPU while marginal shall be chargeable upon reclassification to non-marginal.

F. REPORTING OF PRODUCTION

RULE 15(a) 'C-111 REPORT (GAS TRANSPORTER'S MONTHLY REPORT): Each gas transporter in each of the designated gas pools regulated by this order shall submit a report, as required by General Rule 1111, to the Division so as to reach the Division on or before the 15th day of the month next succeeding the month in which the gas was taken. Such report shall be filed on Form C-111 with the wells being listed in approximately the same order as they are listed on the proration schedule. Form C-111 referred to herein shall be submitted in triplicate, the original being sent to the Division's Santa Fe office; the second copy to the Hobbs district office; and the third copy, if needed for wells in

such district, to either the Artesia or Aztec district office as appropriate.

RULE 15(b) C-115 REPORT (OPERATOR'S MONTHLY REPORT):
All producers shall report gas well production in accordance
with Rule 1115 of the Division's general rules.

- RULE 15(c) REPORTING OF PRODUCTION (DAYS CRITERIA):
 Upon approval by the Director of the Oil Conservation
 Division as to the specific program to be used, any producer
 or transporter of gas may be permitted to report metered
 production of gas on a chart-period basis; provided the
 following provisions shall be applicable to each gas well:
- (1) Reports for a month shall include not less than 24 nor more than 32 reported days.
- (2) Reported days may include as many as the last 7 days of the previous month but no days of the succeeding month.
- (3) The total of the monthly reports for a year shall include not less than 360 nor more than 368 reported days.
- (4) For purposes of these rules, the term "month" shall mean "calendar month" for those reporting on a calendar month basis, and shall mean "reporting month" for those reporting on a chart-period basis in accordance with the exception provided in this rule.

G. GENERAL

RULE 16 FLARED OR VENTED GAS: No gas produced from the gas pools regulated by this order shall be flared or vented.

RULE 17 NON-COMPLIANCE OF RULES AND REGULATIONS: Failure to comply with the provisions of these rules shall result in the cancellation of allowable assigned to the affected GPU. No further allowable shall be assigned to the affected GPU until all rules and regulations are complied with. The Director shall send written notice to the operator of the GPU and to the purchaser of the date of allowable cancellation and the reason therefor.

RULE 18 GAS WELL DELIVERY NOTICES: All transporters or users of gas shall file gas well delivery notices with the Division within 30 days after the date of first delivery

or redelivery in accordance with the provisions of Rule 4(b).

RULE 19 NOTICE OF MARGINAL WELL SHUT-IN: Transporters shall notify the Director any time it is necessary to shut in marginal wells. Such notice shall be made within 30 days following the end of such month and shall include data as may be required by the Director. This report shall not include wells shut in for required testing, connection of new wells, or wells shut in by the operator.

SPECIAL RULES AND REGULATIONS FOR THE BASIN-DAKOTA GAS POOL

THE VERTICAL LIMITS for the Basin-Dakota Gas Pool shall be from the base of the Greenhorn Limestone to a point 400 feet below the base of the said formation and consisting of the Graneros formation, the Dakota formation and the productive upper portion of the Morrison formation.

The Basin-Dakota Gas Pool was created February 1, 1961 and gas proration became effective February 1, 1961.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a) STANDARD GPU (GAS PRORATION UNIT) in the Basin-Dakota Gas Pool shall be 320 acres.

RULE 2(b) WELL LOCATION:

- 1. THE INITIAL WELL drilled on a GPU shall be located not closer than 790 feet to any outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.
- 2. THE INFILL WELL drilled on a GPU shall be located in the quarter section of the GPU not containing a Dakota well, and shall be located with respect to the GPU boundaries as described in the preceding paragraph.

No Dakota infill well shall be drilled nearer than 920 feet to an existing Dakota well on the same GPU.

The plat (Form C-102) accompanying the Application for Permit to Drill (OCD Form C-101 or the Federal form) for the subsequent well on a GPU shall have outlined thereon the boundaries of the GPU and shall show the location of all existing Dakota wells on the GPU as well as the proposed new well.

In the event an infill well is drilled on any GPU, both wells shall be produced for so long as it is economically feasible to do so.

CASE NO. 8749 ORDER NO. R-8170 EXHIBIT "B"

ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a) 2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the

non-marginal GPUs entitled to an allowable in the following manner:

Forty percent (40%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.

When calculating the allowable for a GPU containing an infill well, the deliverability of both wells shall be added in calculating the AD Factor and the allowable may be produced

B) Sixty percent (60%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned to prevent the premature

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

Within 90 days after a well first delivers gas to a gas transportation facility, the well shall have been tested as required in the preceding paragraph, and the results of the test filed on the appropriate form in triplicate with the Division's Aztec office and one copy filed with the gas transportation facility to which the well is connected. Failure to file said test within the above-specified 90-day period will subject the well to the loss of one day's allowable

1. If the newly first-delivered well is an infill well on a GPU, the old well on the GPU is not required to be tested concurrently with the new well provided it has a valid test on file for the current proration period. Testing of the old well shall continue to follow the regularly assigned test schedule for the pool in which the well is located. The new well is

required to be tested annually until at least three annual tests are on file; and then, the well is to be tested biennially with other wells in the pool.

2. If the old well on the GPU is "Exempt", the old well is to be tested along with the new well for the Initial and Annual Deliverability and Shut-In Pressure Test. The old well will lose its "Exempt" classification and must be tested biennially along with other wells in the pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE BLANCO-MESAVERDE GAS POOL

The VERTICAL LIMITS for the Blanco-Mesaverde Gas Pool shall be as follows:

North and east of a line generally running from the northwest corner of Township 31 North, Range 13 West, San Juan County, New Mexico, to the southwest corner of Township 24 North, Range 1 East, NMPM, Rio Arriba County, New Mexico, (as fully described on Exhibit "A" of Order R-5459, August 1, 1977, as amended, and in Rule 25 of this order), the vertical limits shall be from the Huerfanito Bentonite marker to a point 500 feet below the top of the Point Lookout Sandstone.

South and west of the line described in (a) above, the vertical limits shall be from a point 750 feet below said Huerfanito Bentonite marker to a point 500 feet below the top of the Point Lookout Sandstone.

The Blanco-Mesaverde Gas Pool was created February 25, 1949 and gas proration became effective March 1, 1955.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a) STANDARD GPU (GAS PRORATION UNIT) in the Blanco-Mesaverde Gas Pool shall be 320 acres.

RULE 2(b) WELL LOCATION:

1. THE INITIAL WELL drilled on a GPU shall be located not closer than 790 feet to any outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.



2. THE INFILL WELL drilled on a GPU shall be located in the quarter section of the GPU not containing a Mesaverde well, and shall be located with respect to the GPU boundaries as described in the preceding paragraph.

The plat (Form C-102) accompanying the Application for Permit to Drill (OCD Form C-101 or the Federal form) for the subsequent well on a GPU shall have outlined thereon the boundaries of the GPU and shall show the location of all existing Mesaverde wells on the GPU as well as the proposed new well.

In the event an infill well is drilled on any GPU, both wells shall be produced for so long as it is economically feasible to do so.

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a) 2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.

When calculating the allowable for a GPU containing an infill well, the deliverability of both wells shall be added in calculating the AD Factor and the allowable may be produced from both wells.

B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned to prevent the premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

Within 90 days after a well first delivers gas to a gas within sportation facility. The well shall have been tasted as Within 90 days after a well first delivers gas to a gas t transportation facility, the well shall have been tested as the well shall have results of the results of the results of the shall have results of the results of the required in the preceding paragraph, in filed with the connected. The appropriate copy well is connected to which the above-specified allowable test filed on the affice to which the above-specified points allow the process of the connected that the shall be above to the said test within the loss of one day's allowable transportation said test within the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation the well to the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation said test well to the loss of one day's allowable transportation will subject the well to the loss of one day's allowable transportation the said test with the loss of one day's allowable transportation the said test with the loss of one day's allowable transportation the said test within the loss of one day's allowable transportation the said test within the loss of one day's allowable transportation the said test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of one day's allowable test within the loss of Failure to file said test within the above-specified 90-day allowable period will subject the well to the loss of one day's allowable for each day the test is late. If the newly first-delivered well is an infill well on the GPU is not required to be tested the old well on the GPU is not required.

1. If the newly first-delivered well is an infill well on tested to be test on the old well on the GPU is not required valid test on the old well on well provided it has a valid test. a GPU, the old well on the GPU is not required to be test on the concurrently with the new well provided Testing of the old well file for the current proration period. concurrently with the new well provided it has a valid test on well provided it has a valid test on the current proration period. Testing of the schedule resting of the new well is the new well is located. The new annual shall continue to which the well is located three annuals three for the pool in which annually until at least three required to be tested annually until at least three required to the required to the required to the tested annually until at least three required to the required to for each day the test is late. for the pool in which the well is located. The new annual three annually the well is to be tested tested then, the pool. tests are on file; wells in the pool.

2. If the old well on the GPU is "Exempt", the old well and well for the The old well the new well for the old well is to be tested along with the new pressure Test. The old well Annual Deliverability and Shut-In pressure is to be tested along with the new well for the The old well and Shut-In Pressure Test. be tested along and Shut-In Pressure and must be tested annual lose its with other wells in the pool. WILL Lose Lts "Exempt" Classification and mu biennially along with other wells in the pool. RULE 25 VERTICAL LIMIT BOUNDARY; ine across the defines a dividing

Which which N-3439 WILCH GEILNES a GIVIGING LIN Blanco-Mesaverde Pool reads as follows:

This Exhibit defines the Northwest-Southeast trending the that divides the established by Order R-5459. as amended. This Exhibit defines the Northwest-Southeast trending the that divides of the established by Order for defining the vertical limits of the Blanco-Mesaverde traverses the South side or West side of the pool. Said line traverses Blanco-Mesaverde Pool for defining the vertical limits of the pool. Said line traverses the South side or West side of the sections listed below: TOWNSHIP 24 NORTH, RANGE 1 EAST, NMPM

sections listed below:

TOWNSHIP 24 NORTH, RANGE 1 WEST, Section 10. West Section 31:

West and South Section 10: West and South section 14: West section 24: Section 25: _5~

TOWNSHIP 25 NORTH, RANGE 1 WEST, NMPM

Section 7: West

Section 18: West and South Section 20: West and South Section 28: West

Section 33: West and South

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM Section 1: West and South

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM

Sections 7 and 8: South

Section 16: West and South Section 22: West and South

Section 26: West

Section 35: West and South

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Sections 2 and 3: South Section 4: West and South Section 12: West and South

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM Sections 31 and 32: South

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM Sections 31 through 36: South

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM Section 31: West and South Sections 32 through 36: South

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM

Section 6: West

Section 7: West and South Sections 8 and 9: South

Section 14: South

Section 15: West and South

Section 24: West

Section 25: West and South

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM Sections 7, 18, 19, 30, and 31: West

TOWNSHIP 29 NORTH, RANGE 7 WEST, NMPM Section 31: West and South Sections 32 through 36: South

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 18: West and South Section 21: West and South

Section 22: South Section 25: South

Section 26: West and South

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 3: South

Section 4: West and South Section 11: West and South

Section 12: South

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 31: West and South

Section 32: South

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM Section 18: South Section 20: West and South

Sections 21 and 22: South

Section 25: South Section 26: West and South

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM

Section 6: West and South

Section 8: West and South

Sections 9, 10, 11: South

Section 13: West and South

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 19: South

Sections 27 and 28: South

Section 29: West and South

Section 35: West and South

Section 36: South

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM

Sections 7 and 8: South

Sections 14 and 15: South

Section 16: West and South

Section 24: West and South

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM .

Section 12: South

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE

SOUTH BLANCO-PICTURED CLIFFS GAS POOL

THE VERTICAL LIMITS of the South Blanco-Pictured Cliffs Gas Pool shall be the Pictured Cliffs formation.

The South Blanco-Pictured Cliffs Gas Pool, Rio Arriba, San Juan, and Sandoval Counties, New Mexico, was created May 20, 1952 and gas proration became effective March 1, 1955.

B. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(A) STANDARD GPU (GAS PRORATION UNIT) in the South Blanco-Pictured Cliffs Gas Pool shall be 160 acres.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a) 2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

- A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.
- B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.
- RULE 8 MININUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned in order to prevent premature abandonment of wells.
- RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE TAPACITO-PICTURED CLIFFS GAS POOL

THE VERTICAL LIMITS of the Tapacito-Pictured Cliffs Gas Pool shall be the Pictured Cliffs formation.

The Tapacito-Pictured Cliffs Gas Pool, Rio Arriba County, New Mexico, was created April 18, 1956 and gas proration in this pool became effective August 1, 1958.

B. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(A) STANDARD GPU (GAS PRORATION UNIT) in the Tapacito-Pictured Cliffs Gas Pool shall be 160 acres.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a) 2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

- A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's "AD Factor" bears to the total "AD Factor" for all non-marginal GPUs in the pool.
- B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned in order to prevent premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE ATOKA-PENNSYLVANIAN GAS POOL

The Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, was created May 5, 1958, and gas proration in this pool became effective July 1, 1961.

A. DEFINITIONS

THE VERTICAL LIMITS of the Atoka-Pennsylvanian Gas Pool shall be the Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Atoka-Pennsylvanian Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Atoka-Pennsylvanian Gas Pool shall be located in the northwest quarter or the southeast quarter of the section and shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line; provided, however, that any well which was projected to or completed in said pool prior to June 5, 1959, is excepted from the requirements of this rule.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Atoka-Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE BLINEBRY OIL AND GAS POOL

The Blinebry Oil and Gas Pool, Lea County, New Mexico was created February 17, 1953, and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Blinebry Oil and Gas Pool shall extend from a point 75 feet above the "Blinebry Marker" to a point 100 feet above the "Tubb Marker." The Blinebry Marker shall be that point encountered at a depth of 5457 feet (elevation 3380, sub-sea datum -2077) and the Tubb Marker shall be that point encountered at a depth of 5921 feet (elevation 3380, sub-sea datum -2541) in the Exxon Corporation State "S" Well No. 20, SW/4 NW/4 of Section 2, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

A GAS WELL in the Blinebry Oil and Gas Pool shall be a well producing from within the vertical limits of the pool which produces with a gas-liquid ratio of 50,000 cubic feet of gas or more per barrel of liquid hydrocarbons. Provided, however, that any well which on January 1, 1974, was classified as a gas well in the Blinebry Gas Pool shall continue to be classified as a gas well. For those wells classified as gas wells, but with gas-liquid ratios of less than 50,000 cubic feet of gas per barrel of oil, the operator may, upon application to the District Supervisor, receive a reclassification of said well to that of an oil well.

AN OIL WELL in the Blinebry Oil and Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Blinebry Oil and Gas Pool shall be 4,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

- RULE 2(a). 1. A standard gas proration unit in the Blinebry Oil and Gas Pool shall be 160 acres.
- 2. A standard oil proration unit in the Blinebry Oil and Gas Pool shall be 40 acres.
- 3. Acreage dedicated to a gas well in the Blinebry Oil and Gas Pool shall not be simultaneously dedicated to an oil well in the pool, and the dual completion of a well so as to produce separate gas and oil allowables from the Blinebry Oil and Gas Pool is prohibited.
- RULE 2(b). 1. Each gas well to which is dedicated more than 40 acres shall be located no nearer than 660 feet to the outer boundary of its proration unit or of the quarter section and not nearer than 330 feet to any governmental quarter-quarter section or subdivision line.
- 2. Each oil well, or gas well to which no more than 40 acres is dedicated, shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivison boundary line.
- RULE 4(b) 1. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b) (1) of the General Rules if a completion, recompletion, or reclassification of a Blinebry

well results in dedication of acreage to an oil well on a previously approved gas proration unit, and thereby severs acreage contained in said unit from the gas well which produces for the unit.

2. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b) (2) of the General Rules when the non-standard proration unit consists of not more than 164 acres and lies wholly within a single governmental section.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Blinebry Oil and Gas Pool.

G. REPORTING OF PRODUCTION

RULE 17(b) In submitting Form C-115 on wells producing from the Blinebry Oil and Gas Pool in which condensate is commingled and/or low-pressure gas is commingled with other low-pressure gas produced on the lease, the operator shall estimate the volume produced by each well in each pool by using the ratios as reflected in the most recent test submitted.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Blinebry Oil and Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

RULE 27. Gas-liquid ratio tests shall be conducted annually during the months of July, August, and September on all wells located in and producing from the Blinebry Oil and Gas pool. Results of such tests shall be reported to the Division on Form C-116 on or before the 10th day of October of each calendar year.

RULE 28(a) The District Supervisor, on or before November 15 of each year shall review the production data, gas-oil ratio tests, and other pertinent data and reclassify a well if evidence reflects the need for such reclassification. In such event the District Supervisor will notify the operator of the reclassification at least 30 days before the effective date thereof. Any operator so notified may request that the District Supervisor reconsider the reclassification if he has evidence to support such request and the request has been filed within 10 days after receipt

of the notification of reclassification. The District Supervisor shall approve or disapprove the request within 10 days after receipt thereof or in the alternative, with the consent of the applicant, set the request for hearing.

(b) In the event an oil well in the Blinebry Oil and Gas Pool is reclassified as a gas well, the operator of such well will be afforded the opportunity to form a non-standard gas proration unit for the well; provided however, that, until such unit is formed, said well shall be allocated a gas allowable commensurate with the acreage contained in the unit formerly dedicated to the oil well. In the event of two or more gas wells producing from the Blinebry Oil and Gas Pool within a single proration unit, the allowable assigned to the unit may be produced from any well on the unit in any proportion.

RULE 29(a) Condensate from any gas well in the Blinebry Oil and Gas Pool may be commingled with other condensate produced by any other gas well or wells producing from the pool or the Tubb Oil and Gas Pool following its separation from the gas in a separator, provided approval therefor has been obtained in accordance with Division Rule 303-B and/or Rule 309-B, whichever is applicable.

(b) If two-stage separation is used, the low-pressure gas shall be directed into a low-pressure gas gathering system, and said low-pressure gas need not be measured separately from the other low-pressure gas produced on the lease, provided that certain test facilities are available and periodic tests made in accordance with Rule 27 above.

SPECIAL RULES AND REGULATIONS FOR THE BUFFALO VALLEY-PENNSYLVANIAN GAS POOL

The Buffalo Valley-Pennsylvanian Gas Pool, Chaves County, New Mexico, was created November 1, 1962 and gas proration in this pool became effective May 1, 1969.

A. DEFINITIONS

THE VERTICAL LIMITS of the Buffalo Valley-Pennsylvanian Gas Pool shall be the Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Buffalo Valley-Pennsylvanian Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Buffalo Valley-Pennsylvanian Gas Pool shall be located in the northwest quarter or the southeast quarter of the section and shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line; provided, however, that any well drilling to or completed in said pool on or before October 31, 1962, is hereby excepted from the requirements of this rule.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Buffalo Valley-Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE BURTON FLAT-MORROW GAS POOL

The Burton Flat-Morrow Gas Pool, Eddy County, New Mexico was created March 1, 1973 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Burton Flat-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Burton Flat-Morrow Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Burton Flat-Morrow Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Burton Flat-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE BURTON FLAT-STRAWN GAS POOL

The Burton Flat-Strawn Gas Pool, Eddy County, New Mexico was created September 1, 1973 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Burton Flat-Strawn Gas Pool shall be the Strawn formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(A). A standard GPU in the Burton Flat-Strawn Gas Pool shall be 320 acres.

RULE 2(B). Each well completed or recompleted in the Burton Flat-Strawn Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Burton Flat-Strawn Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE SOUTH CARLSBAD-MORROW GAS POOL

The South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico was created May 1, 1969 and gas proration in this pool became effective September 1, 1972.

A. DEFINITIONS

THE VERTICAL LIMITS of the South Carlsbad-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the South Carlsbad-Morrow Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the South Carlsbad-Morrow Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the South Carlsbad-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE CATCLAW DRAW-MORROW GAS POOL

The Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico was created June 21, 1971 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

R-4157-0

R-10328

Q-10872-B

(#4)

THE VERTICAL LIMITS of the Catclaw Draw-Morrow Gas Pool shall be the Morrow formation.

WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Catclaw Draw-Morrow Gas pool shall be 640 acres.

RULE 2(b). Each well completed or recompleted in the Catclaw Draw-Morrow Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Catclaw Draw-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE CROSBY-DEVONIAN GAS POOL

The Crosby-Devonian Gas Pool, Lea County, New Mexico was created May 27, 1955 and gas proration became effective April 1, 1957.

A. DEFINITIONS

THE VERTICAL LIMITS of the Crosby-Devonian Gas Pool shall include all the formations that can reasonably be considered to be of Devonian age.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Crosby-Devonian Gas Pool shall be 160 acres.

RULE 2(b). Each well completed or recompleted in the Crosby-Devonian Gas Pool shall be located no closer than 660 feet to any outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Crosby-Devonian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE EUMONT GAS POOL

The Eumont Gas Pool, Lea County, New Mexico, was created February 17, 1953, and gas proration in this pool became effective January 1, 1954. The Eumont Gas Pool now includes portions of the acreage once included in the Jalco and Langmat Pools (now Jalmat) and all of the acreage formerly in the Arrow and Hardy Pools.

A. DEFINITIONS

THE VERTICAL LIMITS of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers, and Queen formations.

A GAS WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Eumont Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Eumont Gas Pool shall be 640 acres.

- 2. A standard oil proration unit in the Eumont Gas Pool shall be 40 acres.
- RULE 2(b) 1. A gas well in the Eumont Gas Pool to which 640 acres is dedicated shall be located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section or subdivision boundary line.
- 2. An oil well in the Eumont Gas Pool shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision boundary line.

(Any well drilled to and producing from the Eumont Gas Pool prior to August 12, 1954, at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.)

RULE 2(b) 4. In establishing a non-standard gas proration unit in the Eumont Gas Pool, the location of the well with respect to the two nearest boundary lines thereof shall govern the maximum amount of acreage that may be assigned to the well for the purposes of gas proration as follows:

LOCATION	MAXIMUM ACREAG
660-660	160 acres
660-990	320 acres
990-990	600 acres

- D. ALLOCATION AND GRANTING OF ALLOWABLES
 - RULE 5. Acreage is the only proration factor in the Eumont Gas Pool.
 - (a) A 640 acre proration unit in the Eumont Gas Pool shall be assigned an Acreage Factor of 4.00; a 160 acre proration unit an Acreage Factor of 1.00, etc.
- I. MISCELLANEOUS SPECIAL POOL RULES
 - RULE 26. Oil wells in the Eumont Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

SPECIAL RULES AND REGULATIONS FOR THE

INDIAN BASIN-MORROW GAS POOL

The Indian Basin-Morrow Gas Pool, Eddy County, New Mexico was created March 1, 1963 and gas proration in this pool became effective July 1, 1965.

A. DEFINITIONS

THE VERTICAL LIMITS of the Indian Basin-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Indian Basin-Morrow Gas Pool shall be 640 acres.

RULE 2(b). Each well completed or recompleted in the Indian Basin-Morrow Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Indian Basin-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE INDIAN BASIN-UPPER PENNSYLVANIAN GAS POOL

The Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico was created March 1, 1963 and gas proration in this pool became effective July 1, 1965.

A. DEFINITIONS

THE VERTICAL LIMITS of the Indian Basin-Upper Pennsylvanian Gas Pool shall be the Upper Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(A). A standard GPU in the Indian Basin-Upper Pennsylvanian Gas Pool shall be 640 acres.

RULE 2(B). Each well completed or recompleted in the Indian Basin-Upper Pennsylvanian Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Indian Basin-Upper Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE JALMAT GAS POOL

The Jalmat Gas Pool, Lea County, New Mexico, was created effective September 1, 1954, from a consolidation of the Jalco and Langmat Pools, which were created February 7, 1953. Gas prorationing was instituted in the Jalco and Langmat Pools January 1, 1954, and was continued after consolidation to form the Jalmat Gas Pool. The Jalmat Gas Pool now includes acreage that was formerly included in the Jal, Cooper-Jal, Eaves, Falby-Yates, Jalco and Langmat Pools.

A. DEFINITIONS

THE VERTICAL LIMITS of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 100 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation, except,

In the area described immediately below, the vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 13: SE/4 NE/4. SE/4

Section 23: E/2 E/2

Section 24: All

Section 25: N/2

Section 26: E/2 NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18: SW/4 NW/4, W/2 SW/4

Section 19: W/2

Section 30: NW/4

A GAS WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool and not

classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Jalmat Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Jalmat Gas Pool shall be 640 acres.

- 2. A standard oil proration unit in the Jalmat Gas Pool shall be 40 acres.
- 3. Acreage dedicated to a gas well in the Jalmat Gas Pool shall not be simultaneously dedicated to an oil well in the Jalmat Gas Pool, and the dual completion of a well so as to produce oil from the Yates and oil from the Seven Rivers or Queen formation is prohibited.
- RULE 2(b) 1. A gas well in the Jalmat Gas Pool to which 640 acres is dedicated shall be located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section line or subdivision boundary line.
- 2. An oil well in the Jalmat Gas Pool shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision boundary line.

(Any well drilled to and producing from the Jalmat Gas Pool prior to September 1, 1954, at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.)

RULE 4(b) 2. In establishing a non-standard gas proration unit in the Jalmat Gas Pool, the location of the well with respect to the two nearest boundary lines thereof shall govern the maximum amount of acreage that may be assigned to the well for the purposes of gas proration as follows:

LOCATION	MAXIMUM ACREAGE
660-660	0 - 160 acres
660-990	161 - 320 acres
990-990	32/ - 600 acres

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Jalmat Gas Pool.

(a) A 640 acre proration unit in the Jalmat Gas Pool shall be assigned an Acreage Factor of 4.00, a 160 acre proration unit an Acreage Factor of 1.00, etc.

T. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Jalmat Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL

The Justis Gas Pool, Lea County, New Mexico was created January 1, 1950 and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Justis Gas Pool shall be defined as follows: from the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea Datum - 1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 350 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea Datum - 1799) in said McBuffington Well No. 8. The Hamilton Dome Westates Carlson Federal "A" Well No. 1, located in the NW/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as the completion existed on April 22, 1959, shall be considered to be completed within the vertical limits of the Justis Gas Pool.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Justis Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Justis Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Justis Gas Pool.



SPECIAL RULES AND REGULATIONS FOR THE MONUMENT MCKEE-ELLENBURGER GAS POOL

The Monument McKee-Ellenburger Gas Pool, Lea County, New Mexico was created February 17, 1953 and gas proration in this pool became effective March 1, 1961.

A. DEFINITIONS

THE VERTICAL LIMITS of the Monument McKee-Ellenburger Gas Pool shall be the McKee and Ellenburger formations.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Monument McKee-Ellenburger Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Monument McKee-Ellenburger Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Monument McKee-Ellenburger Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE TUBB OIL AND GAS POOL

The Tubb Oil and Gas Pool, Lea County, New Mexico, was created February 17, 1953, and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Tubb Oil and Gas Pool shall extend from a point 100 feet above the "Tubb Marker" to the top of the Drinkard formation. The Tubb Marker shall be that point encountered at a depth of 5921 feet (elevation 3380, sub-sea datum - 2541) and the top of the Drinkard shall be that point encountered at a depth of 6245 feet (elevation 3380, sub-sea datum - 2865) in the Exxon

Corporation State "S" Well No. 20, SW/4 NW/4 of Section 2, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

A GAS WELL in the Tubb Oil and Gas Pool shall be a well producing from within the vertical limits of the pool which produces with a gas-liquid ratio of 50,000 cubic feet of gas or more per barrel of liquid hydrocarbons.

AN OIL WELL in the Tubb Oil and Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Tubb Oil and Gas Pool shall be 2,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Tubb Oil and Gas Pool shall be 160 acres.

- 2. A standard oil proration unit in the Tubb Oil and Gas Pool shall be 40 acres.
- 3. Acreage dedicated to a gas well in the Tubb Oil and Gas Pool shall not be simultaneously dedicated to an oil well in the pool, and the dual completion of a well so as to produce separate gas and oil allowables from the Tubb Oil and Gas Pool is prohibited.
- RULE 2(b) 1. Each gas well to which is dedicated more than 40 acres shall be located no nearer than 660 feet to the outer boundary of its proration unit or of the quarter section and not nearer than 330 feet to any governmental quarter-quarter section or subdivision line.
- 2. Each oil well, or gas well to which no more than 40 acres is dedicated, shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision line.
- RULE 3(b) 1. The Director may grant an exception to Rule 2(b) 1 above and Rule 4(b)(1) of the General Rules if a completion, recompletion, or reclassification of a Tubb well results in dedication of acreage to an oil well on a previously approved gas proration unit, and thereby severs acreage contained in said unit from the gas well which produces for the unit.

2. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b)(2) of the General Rules when the non-standard proration unit consists of not more than 164 acres and lies wholly within a single governmental section.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 8. Acreage is the only proration factor in the Tubb Oil and Gas Pool.

G. REPORTING OF PRODUCTION

RULE 17(b) In submitting Form C-115 on wells producing from the Tubb Oil and Gas Pool in which condensate is commingled and/or the low-pressure gas is commingled with low-pressure gas produced on the lease, the operator shall estimate the volume produced by each well in each pool by using the ratios as reflected in the most recent test submitted.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Tubb Oil and Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505; and 506 of the Division Rules and Regulations.

RULE 27. Gas-liquid ratio tests shall be conducted annually during the months of August, September, and October on all wells located in and producing from the Tubb Oil and Gas Pool. Results of such tests shall be reported to the Division on Form C-116 on or before the 10th day of November of each calendar year.

RULE 28(a) The District Supervisor, on or before December 10 of each year shall review production data, gas-oil ratio tests and other pertinent data and reclassify a well if evidence reflects the need for such reclassification. Any operator may request that the District Supervisor reconsider the reclassification if he has evidence to support such request.

(b) In the event an oil well in the Tubb Oil and Gas Pool is reclassified as a gas well, the operator of such well will be afforded the opportunity to form a non-standard gas proration unit for the well; provided however, that until such unit is formed, said well shall be allocated a gas allowable commensurate with the acreage contained in the unit formerly dedicated to the oil well. In the event of two or more gas wells producing from the

Tubb Oil and Gas Pool within a single proration unit, the allowable assigned to the unit may be produced from any well on the unit in any proportion.

RULE 29(a) Condensate from any gas well in the Tubb Oil and Gas Pool may be commingled with other condensate produced by any other gas well or wells producing from the pool or the Blinebry Oil and Gas Pool following its separation from the gas in a separator, provided approval therefor has been obtained in accordance with Division Rule 303-B and/or Rule 309-B, whichever is applicable.

(b) If two-stage separation is used, the low-pressure gas shall be directed into a low-pressure gas gathering system, and said low-pressure gas need not be measured separately from the other low-pressure gas produced on the lease, provided that certain test facilities are available and periodic tests made in accordance with Rule 27 above.

STATE OF NEW MEDICO ENERGY MIS MENERALS OFFARTMENT

OIL CONSERVATION DIVISION P. 0. 80x 2088 SANTA FE, NEW MEXICO 87501 PURCHASER'S GAS NOMINATIONS

Form C-121-A Revised 4-1-86

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CASE 8749
ORDER NO. R-8170
EXHIBIT "C"