Release Immedially offset cetains in.

SAGE ENERGY COMPANY

P. O. DRAWER 3068 MIDLAND, TEXAS 79702

915/683-5271

June 14, 1985

1/56-2068 RULE- R-2421-A



New Mexico Oil & Gas Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Re: Cities Service State Well No. 3) Letter Unit O, C460' FSL and 1980' FEL of (Section 2, T-17-S, R-34-E, Lea County, New Mexico)

North Vacuum Abo Pool

Dear Sir:

Enclosed are original waivers from offset operators, completion information and a copy of the application to drill the referenced well. Sage respectfully request administrative approval for this location. The well was drilled in replacement of the Cities Service State Well No. 2, which was plugged after an attempt to whipstock the well failed. Your immediate consideration of this request is appreciated.

If additional information is required, please call the undersigned.

Very truly yours,

Frances Holygral

Frances Holzgraf

Production Clerk

encls.

30-025-29192

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DISTRIBUTION	NEW	MEXICO OIL CONSE	RVATION COM	AISSION	Form C-101		
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Sage Energy Co					10. Field an	d Pool, or Wildcat	
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DITIONS OF APPROVAL, IF ANY:

Approval for drilling, only. Production will not be authorized until approval is obtained for the unorthodox location.

Sage Energy Company
P. O. Drawer 3068
Midland, Texas 79702
and
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Re: Sage Energy Company Cities Service State No. 3, North Vacuum (Abo) Field, Unit "O", 460' FSL and 1680' FEL of Section 2, T-17-S, R-34-E, Lea County, New Mexico.

Dear Sir:

We have been duly notified of the intent of Sage Energy Company to drill the captioned well. We have no objection to the location as set forth in the New Mexico Conservation Commission Form C-101 dated March 21, 1985.

Peyton Yates, President Yates Drilling Company

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Midland, Texas 79702
and
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

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Marathon Oil Company

MIDLAND DISTRICT RECEIVED

WAIVER

Sage Energy Company
P. O. Drawer 3068
Midland, Texas 79702
and
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

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GRACE PETROLEUM CORP.

P. O. DRAWER 2358 MIDLAND, TEXAS 79702

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Midland, Texas 79702
and
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

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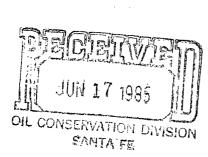
(G. E. Tate)

Environmental and Regulatory Manager
Mobil Producing Texas and New Mexico Inc.

4/17/85

SAGE ENERGY COMPANY
P. O. DRAWER 3068
MIDLAND, TEXAS 79702
915/683-5271

April 24, 1985



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

Re: Cities State No. 3, North Vacuum Abo Field, Lea County, New Mexico

Attn: Jerry Sexton

Dear Sir:

Enclosed for your use and information are origional signed waivers pursuant to the referenced well.

Very truly yours,

Frances Holzgraf

Production Deparmtne Clerk

encls.

Sage Energy Company
P. O. Drawer 3068
Midland, Texas 79702
and
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

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G. E. Tate)

Environmental and Regulatory Manager Mobil Producing Texas and New Mexico Inc.

4/17/85

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átes, President

Yates Drilling Company

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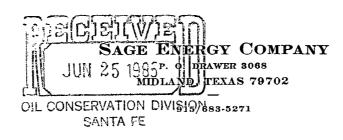
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GRACE PETROLEUM CORP. P. O. DRAWER 2358 MIDLAND, TEXAS 79702

N MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

Form Could Supersedes 1-128 1 Literative 1-168

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File NSC-2068

June 20, 1985

New Mexico Oil & Gas Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: David Catnek

Re: Cities Service State Lease, Well No. 3, Lea County, New Mexico

Dear David:

Enclosed for your use and information is a copy of our land map, with the referenced lease outlined and showing the offset operators. If additional information is required, please call the undersigned.

Your approval of our request to produced the No. 3 well will be appreciated.

Very truly yours, Francis Helygraf

Frances Holzgraf Production Clerk

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UNIT LETTER O	LOCATED	FEET F	ROM THE DOG	LINE AN	1680'	FEET FROM	<u> </u>	7777777777777
Poot	2	170	3 /12		//////////////////////////////////////		12. County Lea	
THE East LINE OF S	16. Date T.D.	Reached 17. Date	Compl. (Ready	to Prod.1 18	Flaugitions (F	F RKR RT		Flex Cashinghead
		5 6			4045.5		011, 616.7	. Erev. Cashinghead
20. Total Depth		lug Back T.D.	22. If Mu	ltiple Compl., H		ervals , Rot	lary Tools	, Cable Tools
8789 '		8769 '	Many	No	Dri	lled By	X	
24. Producing Interval(s), of this comp	letion — Top, Bottor	n, Name		·			25. Was Directional Survey
	-						. [Made
Abo 8626 to					*			yes
26. Type Electric and O	ther Logs Run						27. \	Was Well Cored
Compensated	Neutron (no ·
28.	· ·		SING RECORD (Report all string	s set in well)			
CASING SIZE	WEIGHT L			HOLE SIZE		MENTING RE		AMOUNT PULLED
12 3/4"	34#			15"		xs Class		
7"	24#			8 3/4" 6"		sxs Clas sxs Clas		
<u>4½" </u>	11.60	# 8789		0	100	SXS CIAS	5 11	
29.		LINER RECORD			30.		TUBING REC	ORD ·
SIZE	ТОР	воттом	SACKS CEMEI	NT SCREEN		E C	DEPTH SET	PACKER SET
						3/8"	3648'	none
31. Perforation Record (Interval, size a	ind number)		32.	ACID, SHOT	, FRACTURE	, CEMENT SQ	DUEEZE, ETC.
				<u> </u>	HINTERVAL			ND MATERIAL USED
			•••	86	526 ' - 86	42' 10,0	00 gals 1	L5% NE FE acid
8626 to 8642	2				 :			
	:		•					
33.			PF	RODUCTION				
Date First Production	Proc	duction Method (Flor			nd type pump)		Well Statu	ıs (Prod. or Shш-in)
6-4-85	ים	ump 1 1/4	x 221		•		produ	acing
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - 1	MCF We	ater — Bbl.	Gas-Oil Ratio
6-5-84	24	NA NA	Test Feriod	<u>►</u> 35		60	TSTM	1714
Flow Tubing Press.	Casing Press	ure Calculated 24 Hour Rate	- Cil – Bbl.	Gas —	MCF	Water — Bbl	. 011	Gravity - API (Corr.)
	50#	<u> </u>	35		60	TSTM		35
34. Disposition of Gas (Sold, used for f	uel, vented, etc.)				Τ·	est Witnessed I	Ву
Sold						l		
35. List of Attachments								•
36. I hereby certify that	the information	shown on both side	s of this form is	true and compl.	ete to the heet	of my knowle	edge and belie	f.
						.,,		•
SIGNED Fru		Lelin	1	Producti	on Clarie		Ti	une 5, 1985
SIGNED / VW	view /	, y yla	L TITLE _		OIL CTELK		DATEU	U) COC.L , C =111C

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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

_ T. Penn. "B"_ ____ T. Canyon ___ _____T. Ojo Alamo ___ Balt ______ T. Strawn ______ T. Kirtland-Fruitland _____ T. Penn. "C" _____ ______Т. Atoka ______ T. Pictured Cliffs _____ T. Penn. "D" ___ Yates_____T. Miss _____ T. Cliff House ____ T. Leadville ___ Devonian ______ T. Menefee _____ T. Madison _____ Queen ______ T. Silurian _____ T. Point Lookout _____ T. Elbert __ Grayburg _____ T. Montoya ______ T. Mancos _____ T. McCracken _____ Τ. Simpson _____ T. Gallup _____ T. Ignacio Qtzte ____ San Andres _____ T. Glorieta ______ T. McKee _____ Base Greenhorn _____ T. Granite _____ Paddock ______ T. Ellenburger _____ T. Dakota _____ T. ____ _______ T. Gr. Wash ______ T. Morrison ______ T. __ T. _____ T. Granite _____ T. Todilto ______ T. ____ Τ. T. Delaware Sand ______ T. Entrada _____ T. Drink ard ___ 8564 T. Bone Springs _____ T. Wingate _____ T. ____ T. Aho Wolfcamo_ _____ T. ______ T. Permian ______ T. _____ T Cisco (Bough C) _____ T. ____ T. Penn "A" ____ T. ____

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	1	Formation	From	То	Thickness in Feet	Formation
8564	8729	225	Abo	·				
				*				
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	<u>'</u> .							

NEW MEXICO OIL CONSERVATION COMMISSION Form C-104 TAFE REQUEST FOR ALLOWABLE Supersedes Old C-104 and C-11 FI.E AND ₹.5_{/4} AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS ID OFFICE OIL TRANSPORTER PRORATION OFFICE Operator Sage Energy Company P. O. Drawer 3068, Midland, Texas 79702 Reason(s) for filing (Check proper box) Other (Please explain) $\overline{\mathbf{x}}$ New Well Recompletion 011 Dry Gas Change in Ownership Casinghead Gas Condensate If change of ownership give name and address of previous owner ____ DESCRIPTION OF WELL AND LEASE Well No.: Pool Name, Including Formation Kind of Lease Lease No. State, Federal or Fee Cities Service State 3 North Vacuum ABO State E - 754460' Feet From The South Line and 1680' __ Feet From The East 17S 34E Range Township Lea NMPM, County DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS or Condensate Name of Authorized Transporter of Oll XX Address (Give address to which approved copy of this form is to be sent) Mobil Pipeline Company Name of Authorized Transporter of Casinghead Gas P. O. Box 1073, Midland, Texas 79702 Address (Give address to which approved copy of this form is to be sent) Phillips Petroleum Company Bartlesville, Oklahoma 74004 Twp: Poe. Sec. If well produces oil or liquids, give location of tanks. 17S yes If this production is commingled with that from any other lease or pool, give commingling order number: COMPLETION DATA Oil Well Same Res'v. Diff. Res'v. Deepen Designate Type of Completion - (X) Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D. 3-26-85 6-3-85 8789 8769 Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oll/Gas Pay Tubing Depth 4045.5 GL 8564 3648 ----Depth Casing Shoe Abo 8626 - 8642 TUBING, CASING, AND CEMENTING RECORD CASING & TUBING SIZE HOLE SIZE DEPTH SET SACKS CEMENT 15" 12 3/4" 435' 250 sxs Class "C" 8 3/4" 4903' 400 sxs Class "C" 6" 43" 8789**'** 180 sxs Class "H" TEST DATA AND REQUEST FOR ALLOWABLE '(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, e.c.)				
6-4-85	6-5-85	pumping				
Length of Test	Tubing Pressure	Cant Pietowe	Choke Size			
24	-0-	50#	NA			
Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gas - MCF			
35	35	TSTM	60			

GAS WELL			
Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Costro Pressure (Shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

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

France Holygras (Signature)
(Signature)
Production Clerk

(Date)

(Title)

June 5, 1985

OIL CONSERVATION COMMISSION

APPROVED,	19
BY	
TITLE	

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

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

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

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

OPERATOR Sage Energy Company	ADDRESS	700 N. St. Mar	ry's.	Suite	1990
FIELD:	LEASE	San Antonio, Cities State		7820 WELL	
LOCATION:					

DEVIATION RECORD

DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
1/2	5131	1/4		
3/4	5421	1/4		
3/4	58 01	1		
3/4	6125	2-1/2		
3/4	6335	2-1/2		
1/2	6561	1-1/4		
1-1/4	6749	2		
1-1/4	6905	1-1/4		
1	7348	1	. *	
3/4	7588	1-1/4	•	
1/2	. 7834	1	,	
1/2	8281	1/2		
1/4	8647	1	:	•
3/4	8751	1		
3/4	-			
3/4			•	
	1/2 3/4 3/4 3/4 1/2 1-1/4 1-1/4 1 3/4 1/2 1/2 1/4 3/4 3/4	1/2 5131 3/4 5421 3/4 5801 3/4 6125 3/4 6335 1/2 6561 1-1/4 6749 1-1/4 6905 1 7348 3/4 7588 1/2 7834 1/2 7834 1/2 8281 1/4 8647 3/4 8751 3/4	1/2 5131 1/4 3/4 5421 1/4 3/4 5801 1 3/4 6125 2-1/2 3/4 6335 2-1/2 1/2 6561 1-1/4 1-1/4 6749 2 1-1/4 6905 1-1/4 1 7348 1 3/4 7588 1-1/4 1/2 7834 1 1/2 8281 1/2 1/4 8647 1 3/4 8751 1 3/4 8751 1	1/2 5131 1/4 3/4 5421 1/4 3/4 5801 1 3/4 6125 2-1/2 3/4 6335 2-1/2 1/2 6561 1-1/4 1-1/4 6749 2 1-1/4 6905 1-1/4 1 7348 1 3/4 7588 1-1/4 1/2 7834 1 1/2 8281 1/2 1/4 8647 1 3/4 8751 1 3/4 8751 1

Certification of personal knowledge of Diviation Records:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Signature

Sterling Drilling Company Company

STATE OF TEXAS

COUNTY OF MIDLAND

BEFORE ME, the undersigned authority, on this day personally appeared T.M. Lawson, known to me to be the person whose name is subscribed to the forgoing instrument, and who after being duly sworn, on oath states that he is acting at the direction and on behalf of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Sworn and subscribed to before me, this the 29th day of April.

F. Holzgraf, Notary Public in and for Midland County, Texas

My Commission Expires