

Petroleum Geologist
Reservoir Engineering

John C. Byers

Fourth Floor
Great Plains Life Bldg.
Lubbock, Texas

Telephone
POrter 2-1004

November 7, 1967

WFX-276

Rec Nov 28

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

Re: Cone Jalmat Yates Pool Unit
Water Flood Expansion

Gentlemen:

The Cone Jalmat Yates Pool Unit was authorized for water flood operations, through Commission Orders No. R-2495 dated June 11, 1963. An expansion of this water flood operation was authorized, through administrative orders No. WFX-180 and WFX-206.

Water flood operation in the developed portion of this Unit has been responsible for increasing unit production from an average of 4,000 barrels per month, prior to water injection, to more than 20,000 barrels per month at the present time. The degree of response to water injection is reflected more completely through production curves attached hereto and well test data presented through Commission Form C-116 enclosed herewith.

The Unit was expanded to include Tract No. 9 (SE/4 Section 25, T22S - R35E) on September 1, 1967. The area within the Unit south of the north 1/4 of Section 25, T22S - R35E, has not been developed for water injection to this date.

The Working Interest Owners of the subject Unit hereby request that administrative approval be granted for expansion of the water flood program for this Unit. The proposed expansion for which this request is made will involve the conversion of 5 wells to water injection service. This expansion will increase the Unit area under water flood operation from 1160 acres to 1560 acres out of the 1760-acre Unit area.

Water required for this expansion will be derived from existing Santa Rosa sand water supply source now in existence, and produced water available from developed portions of the Unit.

Water injection into the Yates sand section, upon expansion, will average 300 barrels of water per day per injection well. Injection pressure will be limited to a maximum 1300 psig wellhead pressure.

To accomplish this expansion, the Working Interest Owners request approval for conversion of Unit wells No. 7-1, 8-3, 9-2, 9-3, and 10-2 to water injection service.

N.M. Oil Conservation Commission
Santa Fe, New Mexico

CJYPU Water Flood Expansion
November 7, 1967

Transmitted herewith are Commission Forms C-103, relative to each of the wells set out in the foregoing through which water will be injected into the Yates sand reservoir. Also enclosed are well completion diagrams for each well reflecting the condition of that well and plans for completion for water injection service.

For your convenience, we enclose herewith maps of the Unit area reflecting present well status and setting out the area to be served by the expanded program.

A duplicate copy of this application, along with exhibits pertinent thereto, has been supplied to the State Engineer's office in Santa Fe.

The area into which expansion approval is requested is bounded on the south and west by non-productive acreage. To the east of this area, leases operated by Cities Service and Continental Oil Company offset the Unit. These leases are productive from the Yates sand reservoir, and the operators are participants in the Unit. Copies of this application have been forwarded to each of these companies, with request that they supply you with waivers of objection to this expanded operation.

Your consideration of this request is appreciated.

Yours very truly,



John C. Byers

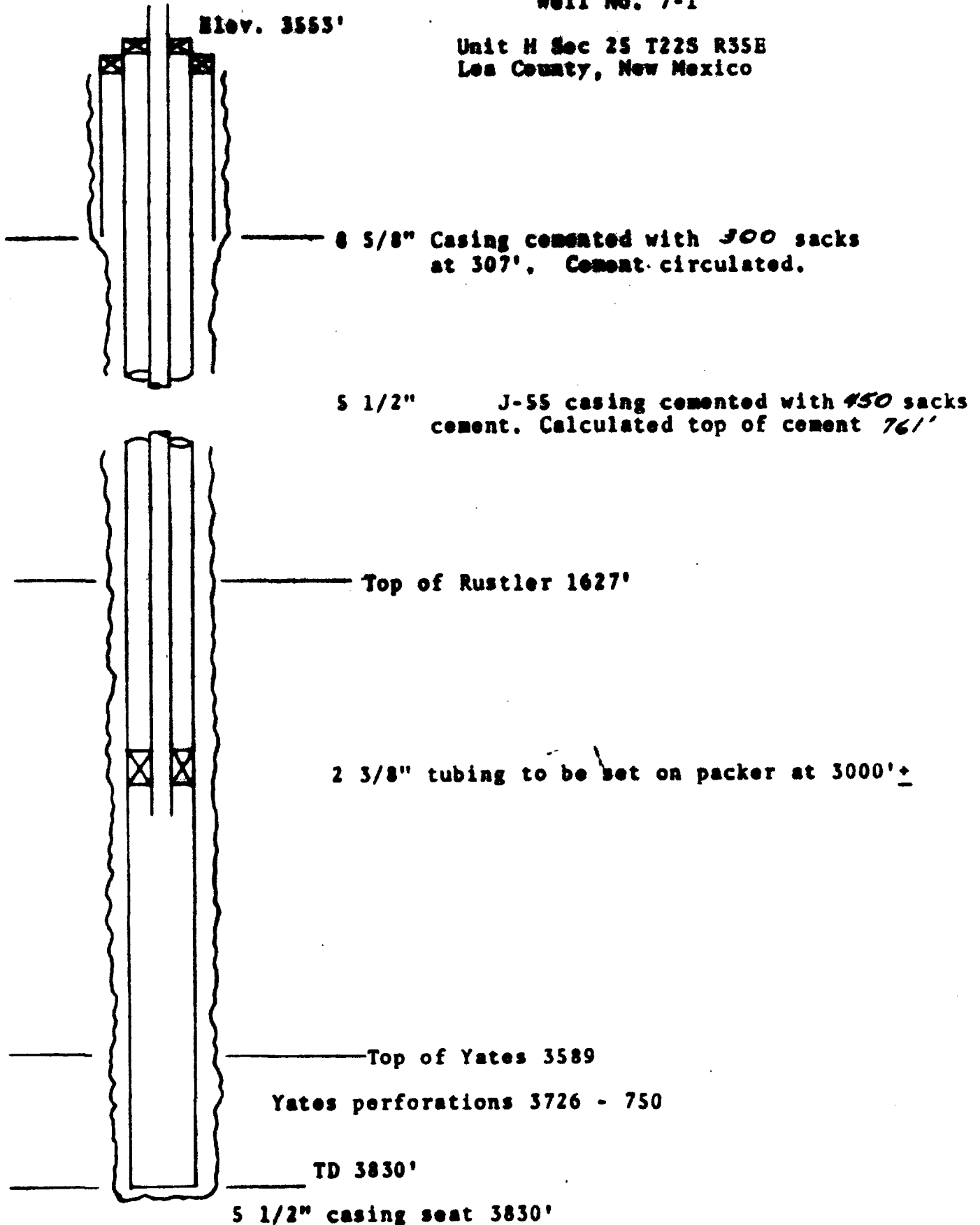
JCB:mc

Enclosures

cc: OCC - Hobbs, N.M.
J. R. Cone
L. O. Storm
N. M. State Engineer
Cities Service Oil Company
Continental Oil Company

CONE JALMAT YATES POOL UNIT
Well No. 7-1

Unit H Sec 25 T22S R35E
Lea County, New Mexico



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NEW MEXICO OIL CONSERVATION COMMISSION

ILLEGIBLE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1357-3
7. Unit Agreement Name CONE JALMAT YATES POOL
8. Farm or Lease Name
9. Well No. 7-1
10. Field and Pool, or Wildcat Jalmat Yates
12. County Lea

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 "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator J. R. CONE
3. Address of Operator P. O. Box 871, Lubbock, Texas 79408
4. Location of Well UNIT LETTER H , 660 FEET FROM THE East LINE AND 1980 FEET FROM THE North LINE, SECTION 25 TOWNSHIP 22S RANGE 35E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3546 DF

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

NOTICE OF INTENTION TO:

PERFORM MAJOR WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	Convert to Water Injection <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

6. Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) (SEE RULE 1103.)

pull rods and tubing, clean out to TD 3827', wash perforations 3726-50' with deisel and acid, perforate Yates Zone III 3688-3702' with 4 holes, break new section with acid between packers. Set packer at 3000', (top cement 2700' calculated), on 2" EUE tubing and commence injection.

Propose to commence this work about September 1, 1967.

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

SIGNED *John C. Byers* TITLE ENGINEER DATE August 7, 1967

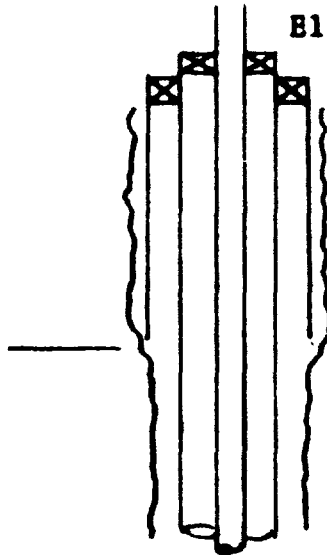
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONE JALMAT YATES POOL UNIT
Well No. 8-3

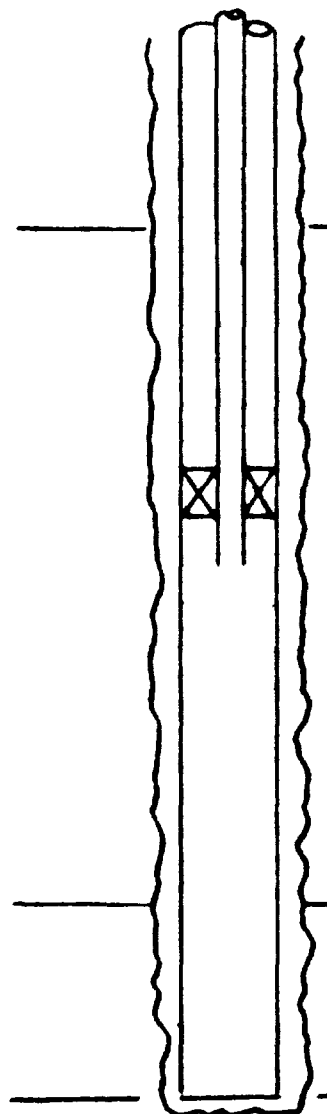
Unit F Sec 25 T22S R35E
Lea County, New Mexico

Elev. 3582'



8 5/8" Casing cemented with 325 sacks
at 334'. Cement circulated.

5 1/2" J-55 casing cemented with 700 sacks
cement. Calculated top of cement surface



Top of Rustler 1702'

2 3/8" tubing to be set on packer at 3000'±

Top of Yates 3714'

Yates perforations 3810 - 828

TD 3960'

5 1/2" casing set 3942'

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-8077

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 "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Cone
2. Name of Operator J. R. Cone	8. Farm or Lease Name Jalmat Yates Pool
3. Address of Operator P. O. Box 871, Lubbock, Texas 79408	9. Well No. 8-3
4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 25 TOWNSHIP 22S RANGE 35E NMPM.	10. Field and Pool, or Wildcat Jalmat Yates
15. Elevation (Show whether DF, RT, GR, etc.) 3584' DF	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER Convert to Water Injection <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Description of Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pull rods and tubing, clean out to TD 3938'.
Perforate Yates Zone II at 3768 and 3780' with one hole each, break new perforations with acid and clean old perforations, 3810-28', with acid and solvent.

Set packer at 2700' on 2" EUE tubing (cement circulated to surface behind 5-1/2")

Commence water Injection.

Propose to commence this work about September 1, 1967.

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

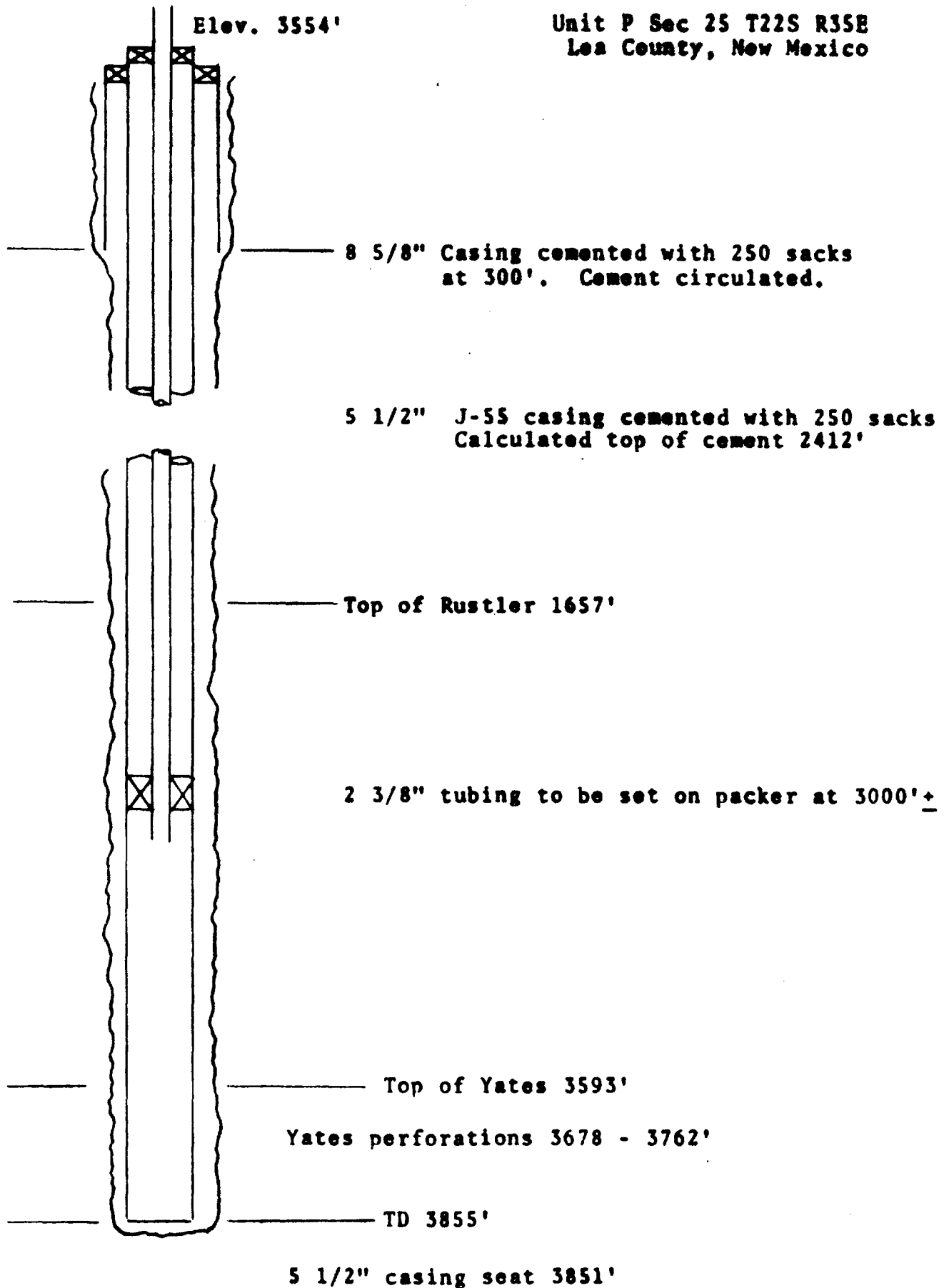
SIGNED *J. R. Cone* TITLE ENGINEER DATE August 7, 1967

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONE JALMAT YATES POOL UNIT
Well No. 9-2

Unit P Sec 25 T22S R35E
Lea County, New Mexico



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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
		5. State Oil & Gas Lease No. E-396-6
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name Cone Jalmat Yates Pool
2. Name of Operator J. R. Cone (Tenneco; subject to application for Unit Exp.)		8. Farm or Lease Name
3. Address of Operator P. O. Box 871, Lubbock, Texas 79408		9. Well No. 9-2
4. Location of Well UNIT LETTER P 990 FEET FROM THE South LINE AND 330 FEET FROM THE East LINE, SECTION 25 TOWNSHIP 22S RANGE 35E NMPM.		10. Field and Pool, or Wildcat Jalmat Yates
15. Elevation (Show whether DF, RT, GR, etc.) 3554' DF		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER Convert to water injection <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
--	--	--	---

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pull rods and tubing. Perforate Yates Zone II at 3678' with 1 hole. Break new perforation with acid and clean old perforations 3711-24 and 3747-62' with acid and solvent. Run packer at 3400 on 2" EUE tubing (top cement 3000' calculated).

Commence water injection. Propose to commence this work on September 1, 1967.

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

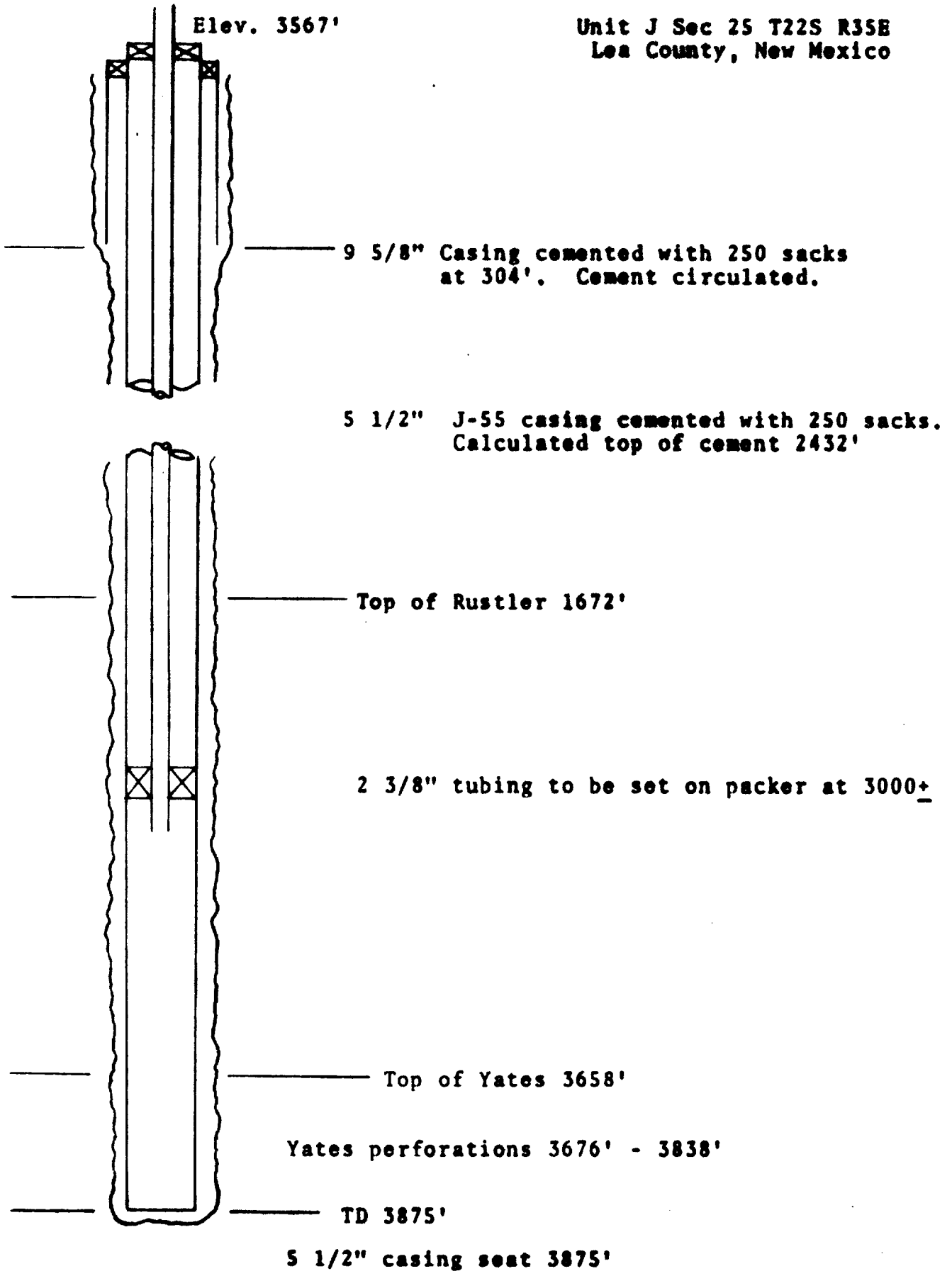
SIGNED *John R. Byers* TITLE ENGINEER DATE August 7, 1967

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**CONE JALMAT YATES POOL UNIT
Well No. 9-3**

**Unit J Sec 25 T22S R35E
Lea County, New Mexico**



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-396-6	

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 "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	Cone
2. Name of Operator		Jalmat Yates Pool	
3. Address of Operator		8. Farm or Lease Name	
J. R. Cone			
4. Location of Well		9. Well No.	
P. O. Box 871, Lubbock, Texas 79408		9-3	
UNIT LETTER J 2310 FEET FROM THE South LINE AND 1650 FEET FROM		10. Field and Pool, or Wildcat	
THE East LINE, SECTION 25 TOWNSHIP 22S RANGE 35E NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)		12. County	
3566' DF		Lea	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Convert to Water Injection.	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pull tubing and clean out to TD 3870'. Perforate Yates Zone II at 3714' and 3723', Zone IV at 3836' with 1 hole each. Break new perforations with acid and clean old perforations 3766-84, 3795-99 and 3804-16 with acid and solvent. Run packer at 3400' on 2" EUE tubing (top cement 3000' calculated).

Commence water injection.

Propose to commence this work about September 1, 1967.

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

SIGNED John R. Cone TITLE ENGINEER DATE August 7, 1967

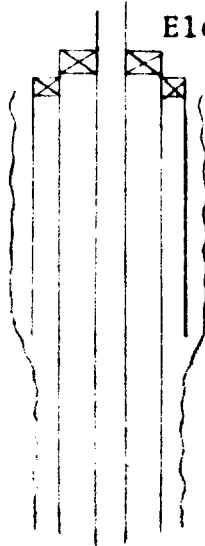
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONE JALMAT YATES POOL UNIT
Well No. 10-2

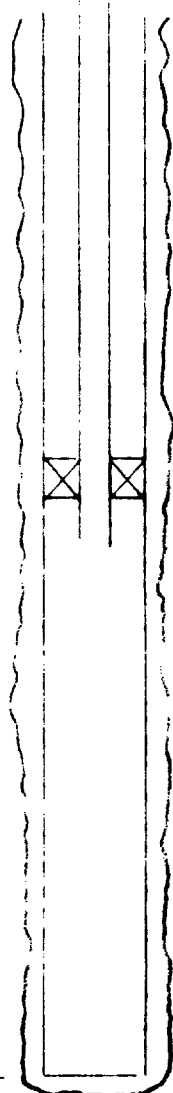
Unit H Sec 36 T22S R35E
Lea County, New Mexico

Elev. 3553'



8 5/8" Casing cemented with 150 sacks
at 320'.

5 1/2" J-55 casing cemented with 225 sacks.
Calculated top of cement 2560'



Top of Rustler 1668'

2 3/8" tubing to be set on packer at 3000₊

Top of Yates 3643'

Yates perforations 3696' - 3810'

TD 3856'

5 1/2" casing seat 3856'

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. E-2997-2	
7. Unit Agreement Name Cone Jalmat Yates Pool	
8. Farm or Lease Name	
9. Well No. 10-2	
10. Field and Pool, or Wildcat Jalmat Yates	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	
2. Name of Operator J. R. Cone	
3. Address of Operator P. O. Box 871, Lubbock, Texas 79408	
4. Location of Well UNIT LETTER H 1650 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 36 TOWNSHIP T22S RANGE 35E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 3553' DF	

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Convert to Water Injection</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pull tubing and clean out to TD 3850'. Clean perforations 3696-3718, 3746-56' and 3800-10 with acid and solvent.

Run packer at 3400' on 2" EUE tubing (top cement 3000' calculated)

Commence Water Injection.

Propose to commence this work about October 1, 1967

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

SIGNED *John C. Byers* TITLE ENGINEER DATE August 7, 1967

APPROVED BY _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

100,000

10,000

1,000

100

Water Inj.
Total Bbl/month

Oil Bbl/month
Unit total

GOR
Pilot Area

Oil Bbl/month
Pilot Area

PRODUCTION DATA
CONE JALMAT YATES POOL UNIT
Lea County, New Mexico

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.												
1963												1964												1965												1966												1967											

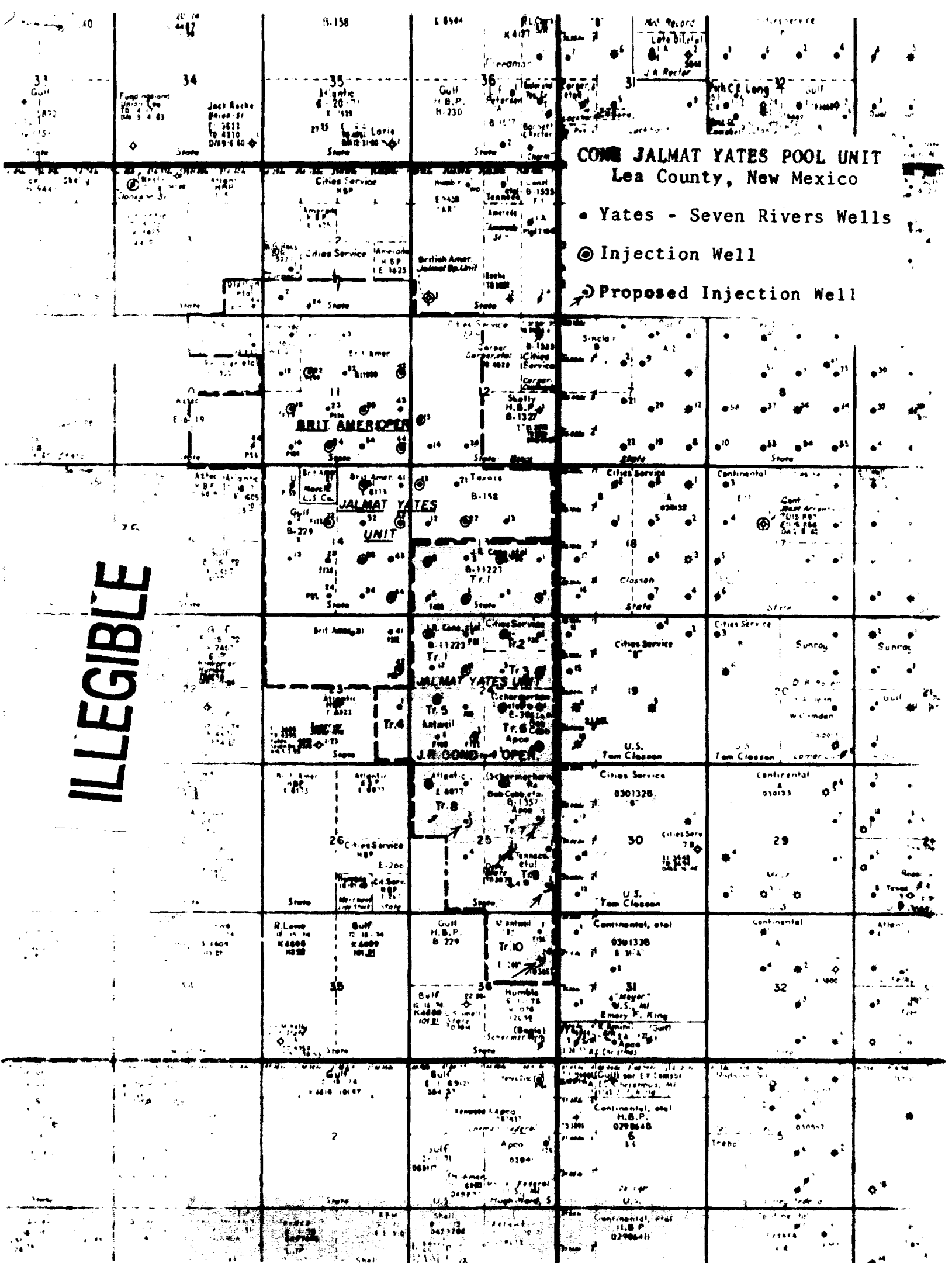
CONE JALMAT YATES POOL UNIT **Lea County, New Mexico**

• Yates - Seven Rivers Wells

⊙ Injection Well

➔ Proposed Injection Well

ILLEGIBLE



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County		Jalmat Yates		Lea				
Address				J. R. Cone		P. O. Box 871, Lubbock, Texas 79408		TYPE OF TEST - (X)				
LEASE NAME				WELL NO.		LOCATION		DATE OF TEST				
				U		S		T				
				R		DATE OF TEST		CHOKE SIZE				
				TBG. PRESS.		DAILY ALLOW-ABLE		LENGTH OF TEST HOURS				
				WATER BBLs.		PROD. DURING TEST		GAS M.C.F.				
				GRAV. OIL BBLs.		GAS M.C.F.		GAS - OIL RATIO CU.FT./BBL.				
These tests are from wells for which administrative order is requested to authorize their conversion to water injection. These conversions will serve to expand that water flood project authorized under Order R-2495, WFX-180 and WFX-206.												
Tests before water flood stimulation of area to north of these wells:												
Cone Jalmat Yates Pool Unit												
7-1	H	25	22	35	6/15/67	P	24	0	37	2	32.0	16,000
8-3	F	25	22	35	S.I.	P	--	--	--	--	--	----
9-2	P	25	22	35	1/ /67	P	24	0	37	1	----	TSTM
9-3	J	25	22	35	1/ /67	F	24	0	37	1	----	TSTM
10-2	H	36	22	35	S.I.	F	--	--	--	--	----	----
Tests after water flood stimulation of area to north of these wells:												
Cone Jalmat Yates Pool Unit												
7-1	H	25	22	35	6/30/67	P	4	0	37	6	130.4	21,733
8-3	F	25	22	35	S.I.	P	0	0	37	0	0	----
9-2	P	25	22	35	8/ /67	P	2	0	37	3	13.05	4,350
9-3	J	25	22	35	8/ /67	F	3	0	37	2	10.8	5,400
10-2	H	36	22	35	S.I.	F	0	0	37	0	0	----

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

Engineer

(Title)

November 7, 1967

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County		Lea	
J. R. Cone		Jalmat Yates					
Address		P. O. Box 871, Lubbock, Texas 79408		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>	
LEASE NAME		WELL NO.		LOCATION		DATE OF TEST	
		U S		T R		TEST	
						CHOKE SIZE	
						TBG. PRESS.	
						DAILY ALLOW-ABLE	
						LENGTH OF TEST HOURS	
						WATER BBLs.	
						PROD. DURING TEST	
						GRAV. OIL BBLs.	
						GAS M.C.F.	
						GAS - OIL RATIO CU.FT./BBL.	
These tests are from wells inside of and adjacent to the developed water flood area authorized under Commission Order R-2495, WFX-180 and WFX-206.							
Well tests before stimulation by water flood:							
Cone Jalmat Yates Pool							
Unit							
6-3 O 24 22 35 9-10-66 P -- -- 27 24 0 37 36 11.34 1003							
7-4 A 25 22 35 5-15-65 P -- -- 55 24 28 37 59 100.89 4250							
7-3 G 25 22 35 3-12-67 P -- -- 15 24 0 37 19 68.97 5640							
8-1 C 25 22 35 1-5-66 P -- -- 35 24 22 37 33 17.80 540							
8-4 K 25 22 35 9-7-66 P -- -- 2 24 0 37 4 11.6 2900							
8-5 E 25 22 35 3-18-67 P -- -- 6 24 24 37 13 5.46 420							
9-1 I 25 22 35 9-3-67 P -- -- 0 24 2 37 16 78.7 4919							
Well tests after stimulation by water flood:							
Cone Jalmat Yates Pool							
Unit							
6-3 O 24 22 35 8-18-67 P -- -- 27 24 0 37 36 11.34 315							
7-4 A 25 22 35 8-20-67 P -- -- 55 24 28 37 59 100.89 1710							
7-3 G 25 22 35 7-27-67 P -- -- 15 24 0 37 19 68.97 3630							
8-1 C 25 22 35 8-15-67 P -- -- 35 24 22 37 33 17.80 540							
8-4 K 25 22 35 7-26-67 P -- -- 2 24 0 37 4 11.6 2900							
8-5 E 25 22 35 7-28-67 P -- -- 6 24 24 37 13 5.46 420							
9-1 I 25 22 35 9-3-67 P -- -- 0 24 2 37 16 78.7 4919							

No well will be assigned an allowable greater than the amount of oil produced on the official test.

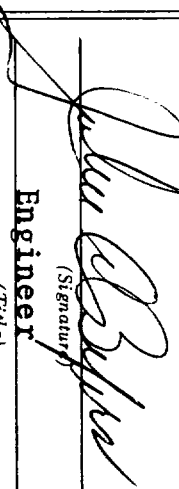
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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


(Signature)
November 7, 1967
(Date)
November 7, 1967
(Date)



CITIES SERVICE OIL COMPANY

Vaughn Building
Box 4906, Midland, Texas 79701
Telephone: 915 MU2-3711

November 9, 1967

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

Attention Mr. A. L. Porter, Jr.

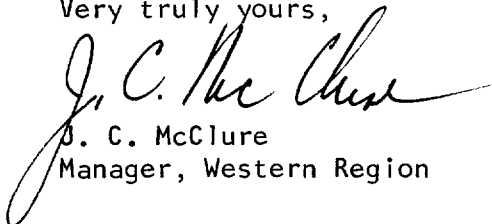
Gentlemen:

Cone Jalmat Yates Pool Unit
Lea County, New Mexico -
Water Flood Expansion

Cities Service has received a copy of Cone's application to the New Mexico Oil Conservation Commission to convert certain wells to water injection on his Jalmat Yates Pool Unit. Two of these requested wells - Tract 7-1 (SE, NE) and 9-2 (SE, SE) both in Section 25, Township 22 South, Range 35 East offset the Cities Service Clossen-B wells - #12 (SW, SW) and #13 (SW, NW) both in Section 30, Township 22 South, Range 36 East, Lea County, New Mexico.

This is to advise that Cities Service has no objection to this request providing operations are conducted under the existing rules and regulations of the New Mexico Oil Conservation Commission and further that volumes of fluid injected and pressures are within those indicated in the application.

Very truly yours,


J. C. McClure
Manager, Western Region

JCM/EFM/dpd

67 Nov 13 1967

November 9, 1967

Mr. John C. Byers
Fourth Floor
Great Plains Bldg.
Lubbock, Texas 79401

Dear Mr. Byers:

Receipt of a copy of your application to the Oil
Conservation Commission which seeks administrative
approval for the expansion of your waterflood in
the Cone Jalmat Yates Pool is gratefully acknowledged.

FEI/ma

Yours truly,

S. E. Reynolds
State Engineer

By:
Frank E. Irby
Chief
Water Rights Div.



CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

November 10, 1967

PRODUCTION DEPARTMENT

HOBBS DIVISION

L. P. THOMPSON

Division Manager

G. C. JAMIESON

Assistant Division Manager

1001 NORTH TURNER
TELEPHONE 393-4141

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

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Re: Cone Jalmat Yates Pool Unit
Waterflood Expansion

Gentlemen:

Continental Oil Company, an offset operator, has received a copy of the application dated October 27, 1967, of J. R. Cone for expansion of the waterflood project in the Cone Jalmat Yates Pool Unit, Lea County, New Mexico. Continental Oil Company hereby waives notice and hearing on the application described above.

Yours very truly,

LPT-JS

67 NOV 13 1967