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U.S.G.S.	
LAND OFFICE	
OPERATOR	

RECEIVED BY
NEW MEXICO OIL CONSERVATION COMMISSION
JAN 4 1985
O. C. D.
ARTESIA OFFICE

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

SUNDY 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 - L" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator Cities Service Oil and Gas Corporation ✓	6. State Oil & Gas Lease No. L-1648
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702	7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>9</u> TOWNSHIP <u>21S</u> RANGE <u>27E</u> NMPM.	8. Farm or Lease Name State CP Com
5. Elevation (Show whether DF, RT, GR, etc.) 3232' GR	9. Well No. 2
10. Field and Pool, or Wildcat Undesig. Bone Springs	11. County Eddy

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

T.D. 2500' Dolomite & Sand. Prep to drill ahead. Drilled a 12-1/2" hole from 505' to a T.D. of 2500' in Dolomite & Sand. Ran and set 54 Jts (2146.18') 8-5/8" OD 24# and 8 Jts (342.82') 8-5/8" OD 32# casing @ 2500' and cemented w/500 sacks of TLW w/4% Gel, 5# Gilsomite and 0.25# Flocele/sack + 200 sacks of Class C w/2% CaCl₂/sack cement. PD @ 1700 MST on 12-28-84. Cement circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500# for 30 min - OK.

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

SIGNED Elmer Startz TITLE Reg. Opr. Mgr. - Prod. DATE 1-2-85

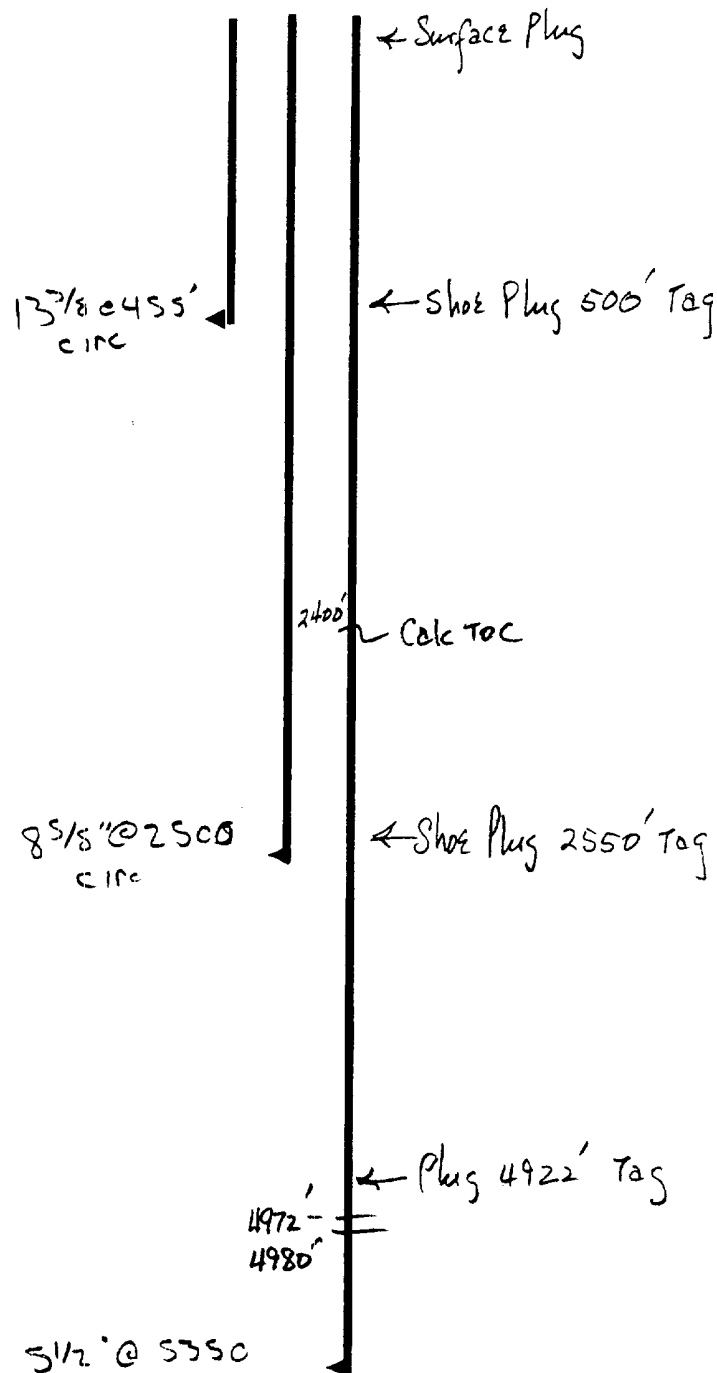
APPROVED BY Original Signed By Mike Williams TITLE Oil & Gas Inspector DATE JAN 9 1985

CONDITIONS OF APPROVAL, IF ANY:

Operator Ray Westall
 Well Myrtle Myna #3
 Unit K Section 9 Township 21 Range 27
 API # 30-0

TOPS

Capital Reef	860'
Delaware	2602'
Base Spring	5054'



- * Contact OCD 24 hrs. prior to any work done.
- * Salt gel mud consisting of 10# brine with 25# of gel per barrel must be placed between each plug.
- * Install dry hole marker as per Rule 202.B.2
- * Plugs are to be set from point indicated up.
- * Plugs must not be less than 100' or 25 Sacks of cement, whichever is greater, unless specifically indicated.
- * Shoe and stub plugs will be 50' above and below shoe or stub and tagged.
- * Surface plug will be from 0' - 60'
- * Where plugs are required, cement must be placed inside and outside of all casing string(s) in the correct footage or sacks required, if no cement exists.
- * Plugs to be tagged will be indicated.

10.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED

MAY 21 1992

O. C. D.
OFFICE

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Ray Westall		Well API No. 30-015-25126
Address Box 4, Loco Hills NM 88255		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Myrtle Myra	Well No. 3	Pool Name, Including Formation La Huerta Delaware	Kind of Lease State, Federal or Fee XXXXXX	Lease No. V-1952
Location Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Line Section 9 Township 21 South Range 27 East , NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Conoco	Address (Give address to which approved copy of this form is to be sent) 10 Desta Dr. Midland Tx 79705					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook Odessa Tx 79762					
If well produces oil or liquids, give location of tanks.	Unit J	Sec. 9	Twp. 21	Rge. 27	Is gas actually connected? Yes	When? 2/1/92

If this production is commingled with that from any other lease or pool, give commingling order number: CTB 361

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (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.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature
Randall L. Harris
Printed Name
5/20/92
Date
677-2370
Title
Geologist
Telephone No.

OIL CONSERVATION DIVISION

Date Approved MAY 28 1992

By ORIGINAL SIGNED BY
MIKE WILLIAMS
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

1991

D. C. O.
DISTRICT OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Ray Westall		Well API No. 30-015-25126
Address Box 4, Loco Hills NM 88255		
Reason(s) for Filing (Check proper box)		
New Well	<input checked="" type="checkbox"/>	Casinghead Gas Must Not Be Flared After 10/30/91
Recompletion	<input type="checkbox"/>	
Change in Transporter of:		
Oil	<input type="checkbox"/>	
Dry Gas	<input type="checkbox"/>	
Other (Please explain)		

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

DISTRICT OFFICE

NO.

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE

PURPOSE

OIL CONSERVATION DIVISION

DISTRICT SUPERVISOR

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED BY
DEC 26 1984
C. C. D.
ARTESIA OFFICE

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L-1648

SUNDRIY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER -	7. Unit Agreement Name
2. Name of Operator Cities Service Oil and Gas Corporation	8. Firm or Lease Name State CP Com
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 9 TOWNSHIP 21S RANGE 27E N.M.P.M.	10. Field and Pool, or Wildcat Undesig. Bone Springs
15. Elevation (Show whether LF, RT, GR, etc.) 3232' GR	12. County Eddy

16. 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 checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" 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.

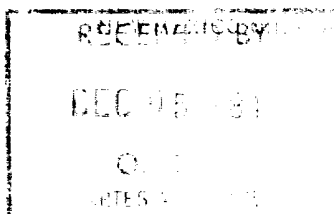
T.D. 505' Red Reds. Prep to drill ahead. MIRU a rotary and spudded a 17-1/2" hole @ 1130 CST on 12-15-84 and drilled to a T.D. of 505' in Red Beds. Ran 11 Jts (487.85') 13-3/8" OD 48# casing to 504' and could not break circulation. Picked up casing one joint to 455'. Could not break circulation. Pipe would not go down. RU Gearhart and shot 4 - 0.50" dia holes @ 370', could not get deeper. Cemented 10 Jts (443.64') 13-3/8" OD 48# casing @ 455' w/ 500 sacks of Class C w/2% CaCl₂ cement. PD @ 1415 CST on 12-18-84. Pumped 150 sacks of Class C w/2% CaCl₂ cement down the 13-3/8" annulus. Cement did not circulate to the surface. Pumped 11 yards of Redi-mix down the 13-3/8" annulus and filled to the surface. WOC 18 hrs. Tested 13-3/8" OD casing to 800# for 30 min. - OK. Drilled plug and cement @ 320 - 370'. Drilled Red Beds and sand plug inside casing @ 370 - 455'. Drilled Red Beds and sand fill @ 455 - 505'.

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

SIGNED Elmer Start TITLE Reg. Opr. Mgr. - Prod. DATE 12-20-84

APPROVED BY Original Signed By Leslie A. Clements TITLE Supervisor District II DATE DEC 28 1984
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



Form O-101 37-015-25126
Revised 1-7-83

A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
State Oil & Gas Lease No.	
L-1648	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK			
1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/>		4. Firm or Lease Name State CP Com	
2. Name of Operator Cities Service Oil and Gas Corporation		5. Well No. 2	
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702		13. Field and Pool, or Wildcat Undesig. Bone Springs	
4. Location of Well TOWNSHIP K RANGE 9 SOUTH 21S 27E AND 1980 West 9 21S 27E		12. County Eddy	
21. Elevation (Show whether DT, RL, etc.) 3232' GR		20. Rotary or C.T. Rotary	
22. Elevation (Show whether DT, RL, etc.) Required/Approved		23. Approx. Date Work will start After permit approval	

SIZE OF HOLE	SIZE OF CASING	DEPTH	SETTING DEPTH	SAVES OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	48 350-500	300	Circulated
12-1/4"	8-5/8"	24 & 32#	2500'	1650	Circulated
7-7/8"	5-1/2"	14#	5400'	500	TOC @ 2400'

It is proposed to drill this well to a T.D. of 5400' and test the Bone Springs Formation.
The blowout prevention program is as follows:

1. One set of blind rams
2. One set of drill pipe rams

The acreage dedicated to this well has not been assigned to any gas purchaser.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM AND BLOWOUT PREVENTION PROGRAM, IF ANY. (This space for State Use)

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

Signed Elmer Startz Reg. Opr. Mgr. - Prod. Date 12-5-84

APPROVED BY Mike Williams DATE DEC 07 1984
CONDITIONS OF APPROVAL, IF ANY Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

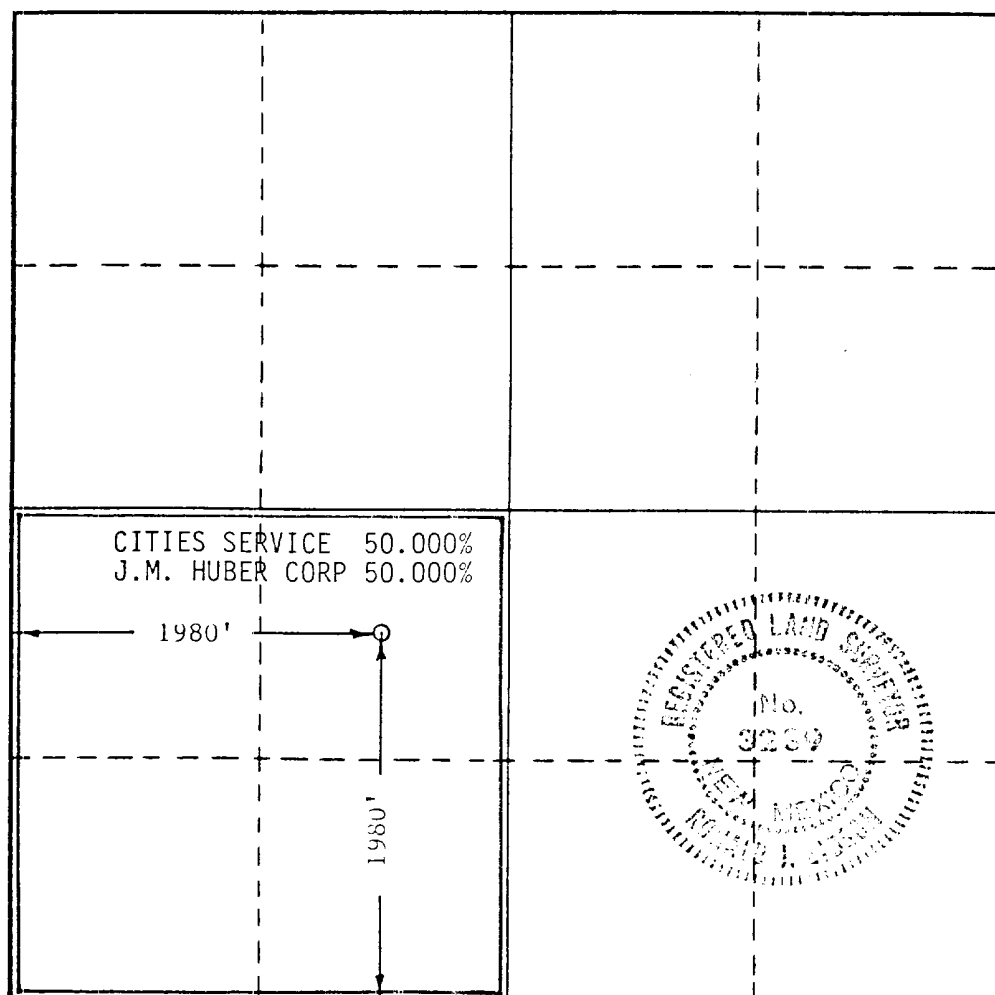
Operator CITIES SERVICE OIL & GAS CORP.			Lease STATE C.P. Com		Well No. 2
Unit Letter K	Section 9	Township 21-SOUTH	Range 27-EAST	County EDDY	
Actual Footage Location of Well:					
1980 feet from the SOUTH line and		1980 feet from the WEST line			
Ground Level Elev. 3232.4'	Producing Formation Bone Springs		Pool Undesignated Bone Springs		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



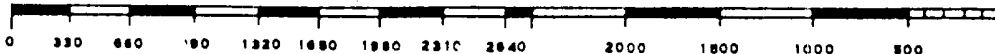
CERTIFICATION

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

Name
Elmer Startz
Position
Reg. Opr. Mgr. - Prod.
Company
Cities Service O&G Corp.
Date
December 5, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 3, 1984
Registered Professional Engineer
and/or Land Surveyor
Ronald J. Eidson
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



FIELD REPORT FOR CEMENTING OF WELLS

Exp 6-6 or 7

Operator Cities Service		Lease State CP Com		Well # 2	
Location of Well	Unit K	Section 9	Township 21 S	Range 27 E	County EDDY
Drilling Contractor	N/A		Type of Equipment ROTARY		

* = CSG. TO WITNESS

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cemen
17 1/2"	13 3/8"	48 #	NEW	500'	CIRC.
* 12 1/4"	8 5/8"	24 & 32 #	"	2500'	CIRC.
7 7/8"	5 1/2"	14 #	"	5400	500

Casing Data:

Surface 63 joints of 8 5/8 inch 24 # Grade K-55
Yes (Approved) (Rejected)
 Inspected by BW Weaver date 12-28-84

Cementing Program

Size of hole 12 1/4 Size of Casing 8 5/8 Sacks cement required 200
 Type of Shoe used Tex-Pat Float collar used Insert Btm 3 jts welded Yes
 ID of hole 2466 Set 2505 Feet of 8 5/8 inch 24 # Grade K-55
 Non-~~ad~~ csg. @ 2505 with 200 sacks neat cement around shoe
850 sack Trinity 1.1e additives
 Plug down @ 445 (AM) (PM) Date 12-28-84
 Cement circulated Yes No. of Sacks 200
 Cemented by Hewco Witnessed by BW Weaver
 Temp. Survey ran @ (AM) (PM) Date top cement @
 Casing test @ (AM) (PM) Date
 Method Used Witnessed by
 Checked for shut off @ (AM) (PM) Date
 Method used Witnessed by
 Remarks:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105
Revised 1-1-89

WELL API NO.
30-015-25126
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
L-1648

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
1b. Type of Completion:
NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____
2. Name of Operator
Ray Westall
3. Address of Operator
Box 4, Loco Hills NM 88255
7. Lease Name or Unit Agreement Name
Myrtle Myra
8. Well No.
3
9. Pool name or Wildcat
La Hureta Delaware

4. Well Location
Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Line
Section 9 Township 21 S Range 27 E NMPM Eddy County

10. Date Spudded
11. Date T.D. Reached
12. Date Compl. (Ready to Prod.)
5/20/91
13. Elevations (DF & RKB, RT, GR, etc.)
3232
14. Elev. Casinghead
3233
15. Depth
5350
16. Plug Back T.D.
4980
17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By
Rotary Tools
all
Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name
4972-4980 Delaware
20. Was Directional Survey Made
no
21. Type Electric and Other Logs Run
Bond
22. Was Well Cored
no

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	455	16	circulated 650 SXS	
8 5/8	24 & 32	2500	10	circulated 700 SXS	
5 1/2	15.5	5350	7 7/8	top cmt. 2400 500 SXS	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4950	none

26. Perforation record (interval, size, and number)
4972, 4976, 4980 Sand drilled .50"
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL
4972-4980
AMOUNT AND KIND MATERIAL USED
750 gal 15% SRA

28. PRODUCTION
Date First Production
5/25/91
Production Method (Flowing, gas lift, pumping - Size and type pump)
pump
Well Status (Prod. or Shut-in)
Prod
Date of Test
6/15/91
Hours Tested
24
Choke Size
1
Prod'n For Test Period
5
Oil - Bbl.
40
Gas - MCF
30
Water - Bbl.
8000
Flow Tubing Press.
Casing Pressure
Calculated 24-Hour Rate
Oil - Bbl.
Gas - MCF
Water - Bbl.
Oil Gravity - API - (Corr.)
36

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
vented
Test Witnessed By
R. Westall

30. List Attachments
Bond log
Cmt

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed R. HARRIS Title GEOLOGIST Date 7/31/91

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-100
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30-015-25126

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

L-1648

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. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Ray Westall

3. Address of Operator

Box 4, Loco Hills NM 88255

7. Lease Name or Unit Agreement Name

Myrtle Myra

8. Well No.

3

9. Pool name or Wildcat

LaHuerta Delaware

4. Well Location

Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Li:

Section 9

Township 21 S

Range 27 E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3232 Gr.

11.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Completion

12. 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.

5/15/91 Cement squeeze perforations 4803-4982 with 200 sxs "C" neat
cement squeeze perforations 3874-4012 with 300 sxs "C" neat

5/17/91 Drill out cement

5/20/91 Sand perforate at 4972, 4976, 4980
Acid with 750 gal 15% SRA Hang Well on pump

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

SIGNATURE

TITLE

Geologist

DATE 7/31/91

TYPE OR PRINT NAME

Randall L. Harris

505 677-2370

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

SUPERVISOR, DISTRICT II

APPROVED BY

TITLE

DATE

AUG 16 1991

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

Santa Fe File	<input checked="" type="checkbox"/>
BLM	<input checked="" type="checkbox"/>
Land Office	<input checked="" type="checkbox"/>
EO of M	<input checked="" type="checkbox"/>
Operator	<input checked="" type="checkbox"/>

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION
P.O. Box 2088-RECEIVED
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-25126
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. L-1648
7. Lease Name or Unit Agreement Name MYRTLE MYRA
8. Well No. 3
9. Pool name or Wildcat WILDCAT DELAWARE

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. Type of Well: Oil Well <input checked="" type="checkbox"/> GAS Well <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator RAY WESTALL ✓	
3. Address of Operator PO BOX 4 LOCO HILLS, NM 88255	
4. Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>1980</u> Feet From The <u>WEST</u> Line Section <u>9</u> Township <u>21S</u> Range <u>27E</u> NMPM <u>EDDY</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3232 GR	

11. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: PERF & FRAC <input type="checkbox"/>

12. 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.

01-02-90 RIG UP REVERSE UNIT
01-07-90 CLEANED OUT TO 2646 RAN 2646' 5 1/2" 14# CSNG WITH CASING PATCH
01-12-90 CLEANED OUT TO 5000' CMT SQUEEZED EXISTING PERFORATIONS 4800-4960 w/300SX
01-13-90 DRILLED OUT SQUEEZE
01-15-90 LOGGED CCL/CBL 2500-5000' PERFORATED BULLET GUN 14 HOLES 4918-4982

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

SIGNATURE Linda J. Jaeger TITLE PRODUCTION CLERK DATE 02-12-90
TYPE OR PRINT NAME LINDA J. JAEGER TELEPHONE NO. 677-2370

(This space for State Use)

APPROVED BY Mike Westall TITLE SUPERVISOR, DISTRICT II DATE FEB 16 1990
CONDITIONS OF APPROVAL, IF ANY:

01-16-90 Acid with 1250 gal 15% SRA, AIR 3 BPMC 2250#, ISDP 1200#, FSDP 1000#. Acid job com. with old perfs to 4860'. Swab 5-10% oil.

01-17-90 150# on tubing F.L. 1700', first swab ran 800' free oil. 2380' Acid water + 10% oil.

01-18-90 Frac perfs w/38,000 gal 40# brine gel, 21,000 gal Co2, 80,000# 20/40 sd. AIR 18 BPM @3500# ISDP 1250# FSDP 1200#.

01-19-90 Flow well back.

01-20-90 Swab and Flow well 20% oil cut, 400 BBL load and recover.

01-22-90 Frac balls, plug off choke install ball catcher.

01-24-90 Made 4 swab runs, well kick off flowing, died in 4 hrs.

01-25-90 Install pumping unit.

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

P.O. Box 20821
Santa Fe, New Mexico 87504-2088

30-015-25126

API NO. (assigned by OCD on New Wells)
30-015-25126
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. L-1648

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name Myrtle Myra		
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			8. Well No. #3		
2. Name of Operator Ray Westall			9. Pool name or Wildcat Wildcat Delaware		
3. Address of Operator PO Box 4 Loco Hills, NM 88255					
4. Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>9</u> Township <u>21S</u> Range <u>27E</u> NMPM <u>Eddy</u> County					
10. Proposed Depth 5100		11. Formation Delaware		12. Rotary or C.T. Reverse	
13. Elevations (Show whether DF, RT, GR, etc.) 3232 GR		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor N/A	
16. Approx. Date Work will start 01-01-90					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

This well was originally drilled by Cities Service Oil & Gas Corp. as their State CP#2
13 3/8" casing is set at 455' w/cir cmt
8 5/8" casing is set at 2500' w/cir cmt
5 1/2" set to 5350' and cut off at 2642'
We propose to re-enter to a PBTD of 4995' Run 5 1/2" casing to 2642'
CMT squeeze any open perforations
Perforate and stimulate as necessary for production

Post ID-1
12-29-89
Re-entry

Form C-101
Revised 1-1-89
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P.O. Box 20821
Santa Fe, New Mexico 87504-2088

180 DAYS
6-26-90
RE-ENTRY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Linda J. Jaeger TITLE Production Clerk DATE 12/20/89
TYPE OR PRINT NAME Linda J. Jaeger TELEPHONE NO. 677-2370

(This space for State Use)

ORIGINAL SIGNED BY
MINE WILLIAMS
SUPERVISOR, DISTRICT II

DEC 26 1989

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

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <i>Ray Westall</i>		Lease <i>MYRTLE MYRA</i>		Well No. <i>3</i>	
Unit Letter <i>K</i>	Section <i>9</i>	Township <i>21 South</i>	Range <i>27 EAST</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>1980</i> feet from the <i>South</i> line and <i>1980</i> feet from the <i>WEST</i> line					
Ground level Elev. <i>3232.4'</i>	Producing Formation <i>Delaware</i>		Pool <i>Wildcat Delaware</i>	Dedicated Acreage: <i>40</i> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

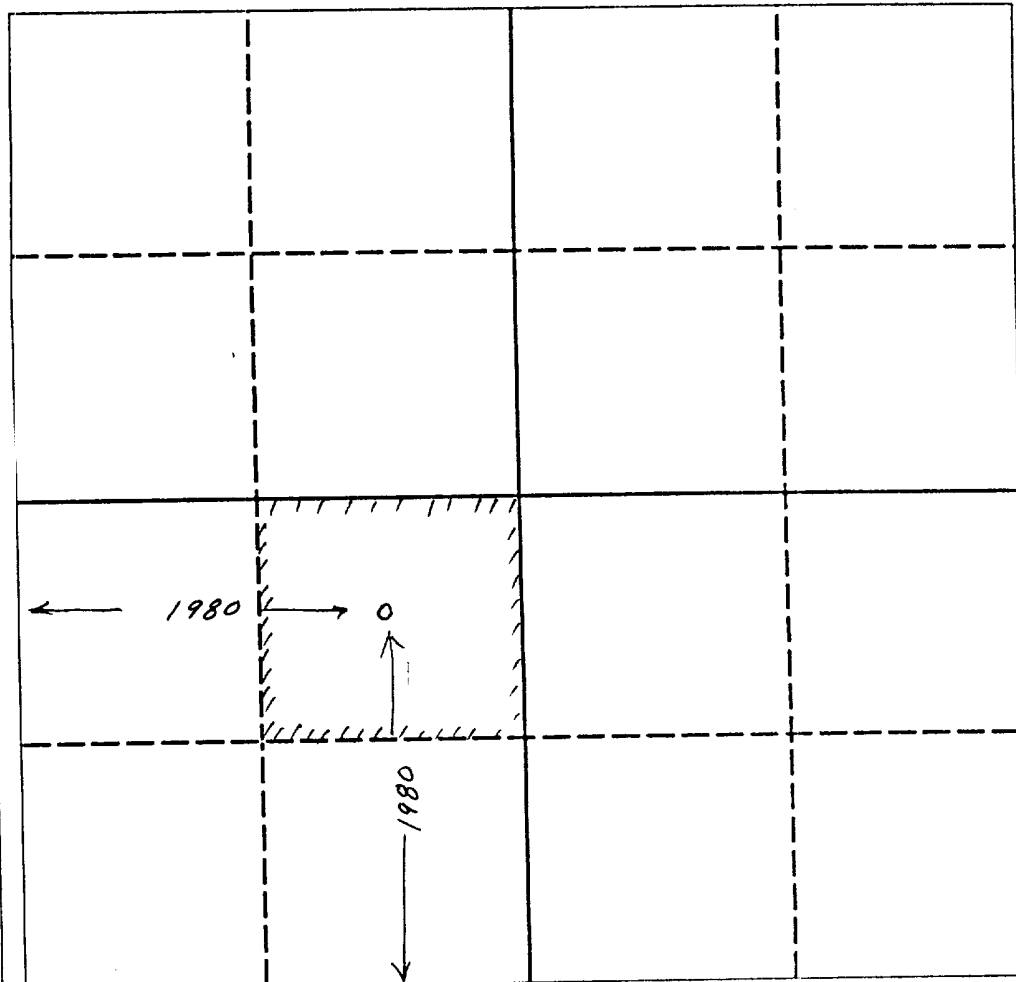
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

OPERATOR CERTIFICATION

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

Signature

Printed Name

RANDALL L. HARRIS

Position

GEOLOGIST

Company

RAY WESTALL

Date

12/4/89

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

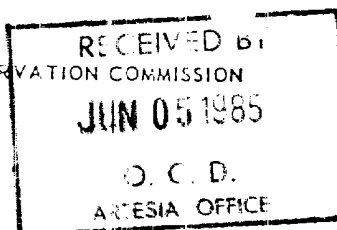
Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

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. L-1648
7. Unit Agreement Name
8. Farm or Lease Name State CP
9. Well No. 2
10. Field and Pool, or Wildcat Undsig. Bone Springs
12. County Eddy

SUNDY 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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole
2. Name of Operator Cities Service Oil and Gas Corporation
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702
4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 9 TOWNSHIP 21S RANGE 27E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3232' GR

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Well completion data ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

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.

T.D. 5350' Lime & Shale. Plugged and abandoned. MIRU a completion unit and CO to 5302'. Perforated the Bone Springs w/2 SPF @ 5258, 59, 62, 64, 66, 69, 74, 76 and 5277'. Total 18 holes (0.50" dia & 14.86" pen). RIH w/2-7/8" tubing and a RTTS and set RTTS @ 5173'. 14 hr. SITP 30#. Swabbed -0- BO + 5 BLW/8 hrs. Acidized Bone Springs Perfs 5258 - 5277' w/2000 gals 15% NeFe HCL acid w/1000 SCF of N₂/bbl. Max press 5200#, min press 2100#, ATP 2300#, AIR 6.1 BPM, ISIP 2300#, 15 min SIP 2100#. 43 hr. SITP 875#. Bled well down to pit in 1-1/2 hrs. Flowed -0- BO + 13 BLW/1-1/2 hrs. + GR 11 MCFD thru 1" choke, FTP 2#. POOH w/tubing and RTTS set @ 5173'. Set a CIBP @ 5240'. Perforated the Bone Springs w/2 SPF @ 5052, 65, 77, 81, 5133, 38, 43, 50, 53, 57, 63, 68, 70, 76, 81 and 5184'. Total 32 holes (0.50" dia & 14.86" pen). RIH w/2-7/8" tubing and a RTTS and set RTTS @ 4941'. Swabbed -0- BO + 6 BLW/3 hrs. POOH w/tubing and RTTS set @ 4941'. RIH w/2-7/8" tubing and a Baker Lok set packer and set packer @ 4941'. Acidized Bone Springs Perfs 5052 - 5184' w/3500 gals 7-1/2% NeFe HCL w/1000 SCF N₂/bbl. Max press 3800#, min press 2800#, ATP 3350#, AIR 5 BPM, ISIP 2800#, 5 min SIP 2500#, 15 min SIP 2500#. Opened well to pit and flowed 25 BLW/3 hrs. thru a 1" choke and died. 14 hr. SITP 450#. Flowed well to pit for 1 hr. and died. Swabbed Tr. oil + 6 BLW/5 hrs. Lowered packer to 5106'. Acidized Bone Springs Perfs 5133 - 5184' w/2500 gals 7-1/2% NeFe acid. Max press 4000#, min press 1200#, ATP 2600#, AIR 6.5 BPM, ISIP 1600#, 5 min SIP 1500#, 10 min SIP 1400#, 15 min SIP 1390#. 14 hr. SITP 380#. Swabbed Tr. oil + 6 BLW/4 hrs. and burning a 2' flare. (CONTINUED ON REVERSE SIDE)

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

SIGNED Baughman

TITLE Region Petroleum Engineer

DATE 6-03-85

APPROVED BY Baughman

TITLE Geologist

DATE 6-14-85
Post # D-2
P + A

CONDITIONS OF APPROVAL, IF ANY:

Released packer set @ 5106' and reset packer @ 4941'. Fraced Bone Springs Perfs 5052 - 5184' w/34,850 gals 75 quality SF530 foam + 21,000# 20/40 sand + 710630 SCF of N₂. Max press 5500#, min press 3600#, AIR 20 BPM, ISIP 2800#, 15 min SIP 2520#. 14 hr. SITP 250#. Swabb- ing @ 5219'. Ran rods and BHP and put well on the pump. Pumped 3 BO + 13 BW/24 hrs. POOH w/ tubing, rods and BHP. POOH w/ tubing, rods and BHP. RIH w/2-7/8" tubing and set RTTS @ 4971'. Fraced Bone Springs Perfs 5052 - 5184' and 5258 - 5277' w/16,000 gals YEC02(65-35) + 24,000# 20/40 sand + 8,000# 12/20 sand. Max press 4350#, min press 3450#, AIR 18.5 BPM, ISIP 1350#, 5 min SIP 1100#, 10 min SIP 1030#, 15 min SIP 1000#. 14 hr. SITP 350#. Swabbbed Tr. oil + 51 BLW/10 hrs. POOH w/tubing and RTTS set @ 4971'. RIH w/2-7/8" tubing and set tubing @ 5219'. Ran rods and BHP and put well on pump. Pumped 2 BO + 36 BW/24 hrs. POOH w/tubing, rods and BHP. Set a CIBP @ 5025' and dumped 35' on cement on top for a new PBTD of 4990'. Perforated the Delaware w/4 SPF @ 4805, 06, 07, 13, 14, 21, 24, 61, 62, 64, 67, 74, 78, 4909, 10, 63, 64, 65 and 4966'. Total 76 holes (0.49" dia & 12.6" pen). RIH w/2-7/8" tubing and set RTTS @ 4717'. Swabbbed dry. Acidized Delaware Perfs 4805 - 4966' w/3800 gals 7-1/2% HCL acid + 1000 SCF of N₂/bbl. Max press 3850#, min press 2500#, ATP 2850#, AIR 7.6 BPM, ISIP 2000#, 5 min SIP 1850#, 10 min SIP 1800#, 15 min SIP 1800#. 14 hr. SITP 175#. Swabbbed 1 BO + 13 BLW/9 hrs. Fraced Delaware Perfs 4805 - 4966' w/24,750 gals Mini-Max 111-30 + 45 tons CO₂ + 51,500# 20/40 sand and 20,000# 12/20 sand. Max press 3800#, min press 2750#, ATP 3200#, ISIP 900#, 5 min SIP 800#, 15 min SIP 800#. 14 hr. SITP 0#. Swabbbed Tr. oil + 98 BW/7 hrs. POOH w/tubing and RTTS set @ 4717'. Set a CIBP @ 4750'. Tested CIBP and casing to 1000#-OK. Perforated the Delaware w/4 SPF @ 3874, 75, 76, 77, 3906, 08, 09, 54, 56, 57, 60, 61, 68, 69, 70, 73, 96, 97, 4001, 10 and 4012'. Total 84 holes (0.49" dia & 11.87" pen). Swabbbed -0- BO + 20 BLW/1 hr. 14 hr. SITP 0#. Acid- ized Delaware Perfs 3874 - 4012' w/5000 gals 7-1/2% HCL acid. Max press 3700#, min press 1700#, ATP 2200#, AIR 6.5 BPM, ISIP 750#, 5 min SIP 730#, 15 min SIP 700#. 14 hr. SITP 125#. Swabbbed 1 BO + 21 BLW/10 hrs. Fraced Delaware Perfs 3874 - 4012' w/29,310 gals Mini-Max 111-30 + 45,100# 20/40 sand and 16,650# 12/20# sand. Max press 3600#, min press 3000#, ATP 3300#, AIR 20 BPM, ISIP 900#, 5 min SIP 850#, 15 min SIP 800#. 14 hr. SITP 75#. Swabbbed -0- BO + 90 BLW/2 hrs. POOH w/tubing and RTTS set @ 3790'. RIH w/tubing and set tubing @ 3838'. Ran rods and BHP and put well on the pump. Pumped -0- BO + 141 BW/24 hrs. POOH w/tubing, rods and BHP. Set a CIBP @ 3800' and dumped 35' of cement on top for a new PBTD of 3765'. RIH w/OE'd tubing and circula- ted hole w/mud laden fluid. POOH w/tubing. Ran in hole w/casing cutter and cut off 5-1/2" casing @ 2642' and POOH and laid down casing. This well was plugged and abandoned in the follow- ing manner:

1. RIH w/OE'd tubing to 2698' (56' inside of the 5-1/2" casing stub @ 2642') and spotted a 75 sack cement plug @ 2698 - 2400'. POOH w/tubing.
2. RIH w/OE'd tubing and tagged cement plug @ 2285'. POOH to 910'.
3. Spotted a 12 sack (100') cement plug @ 910 - 810', across the top of the Captain Reef. POOH to 505'.
4. Spotted a 12 sack (100") cement plug @ 505 - 405', 1/2 in and 1/2 out of the 13-3/8" casing shoe @ 455'. POOH w/tubing.
5. ND BOP and cut off WH. RIH w/1 jt. of tubing and spotted a 10 sack cement surf- ace plug @ 30 - 0'. Installed a 4" dry hole marker to designated a plugged and abandoned location.

AFFIDAVIT

State of Texas Cities Service Oil and Gas Corporation

County of Midland Lease Name State CP Well # 2

In Sec. 9 Twp. 21S Rge. 27E

County of Eddy

State New Mexico

Gary Timmermann of lawful age being first duly sworn deposes and

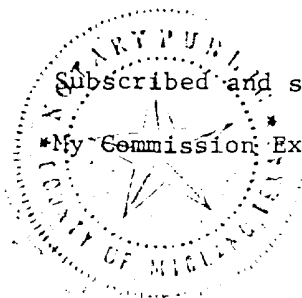
says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
0.50	250	1.25	2808		
0.25	466	1.50	2902		
0.25	505	1.00	3092		
1.00	659	1.00	3249		
1.00	908	1.00	3605		
2.00	1157	0.50	3668		
2.25	1220	0.75	3720		
2.00	1285	0.75	3974		
2.00	1346	1.00	4200		
2.00	1436	0.75	4347		
2.25	1531	0.75	4446		
1.75	1626	0.75	4670		
1.75	1718	0.75	4859		
1.75	1813	1.00	5256		
1.75	1911	0.50	5350		
1.25	2005				
0.75	2097				
0.75	2192				
1.00	2317				
1.00	2411				
1.25	2500				
0.75	2619				

T.D. 5350'

Further affiant saith not.



Subscribed and sworn to before me this 4th day of June, 19 85
 My Commission Expires 12-05-88
Leticia Vidales Notary Public
 Midland County, Texas

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION

JAN 11

C. C. C.
ARTIST

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"/>
5b. State Oil & Gas Lease No.	
L-1648	
7. Unit Agreement Name	
8. Farm or Lease Name	
State CP Com	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
Undesig. Bone Springs	
12. County	
Eddy	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Cities Service Oil and Gas Corporation ✓
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>9</u> TOWNSHIP <u>21S</u> RANGE <u>27E</u> N.M.P.M.
15. Elevation (Show whether DF, RT, GK, etc.) 3232' GR

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

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.

T.D. 5350' Lime & Shale. Waiting on completion unit. Drilled a 7-7/8" hole from 2500' to a T.D. of 5350' in Lime & Shale. Ran and set 125 Jts (5339.00') 5-1/2" OD 14# casing @ 5350' and cemented w/300 sacks of Class C w/5# salt, 6# Gilsonite and 0.3 of 1% Halad 4/sack + 200 sacks of Class C w/5# salt and 0.3 of 1% Halad 4/sack cement. Plug down @ 1930 MST on 1-08-85. Cement did not circulate to the surface. Bumped float w/1400# - OK. PU BOP, set slips, CO casing and ND BOP. Ran temp. survey. TOC @ 2850'.

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

SIGNED Elmer Startz TITLE Region Opr. Mgr. - Prod. DATE 1-10-85

APPROVED BY Leslie A. Clements TITLE Supervisor District II DATE JAN 16 1985
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	✓
FILE	✓
U.S.G.S.	✓
LAND OFFICE	✓
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED BY

JUN 05 1985

D. C. D.
ARTESIA, OFFICE

Form C-105
Revised 11-1-84

5a. Indicate Type of Lease

State ☒

Fee ☐

5. State Oil & Gas Lease No.

L-1648

7. Unit Agreement Name

8. Farm or Lease Name

State CP

9. Well No.

2

10. Field and Pool, or Wildcat

Undesig. Bone Springs

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

DRY ☒

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

Cities Service Oil and Gas Corporation

3. Address of Operator

P.O. Box 1919 - Midland, Texas 79702

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 9 TWP. 21S RGE. 27E

12. County

Eddy

15. Date Spudded

12-15-84

16. Date T.D. Reached

1-07-85

17. Date Compl. (Ready to Prod.)

Plugged and abandoned

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

3232' GR

19. Elev. Casinghead

20. Total Depth

5350'

21. Plug back T.D.

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools, Cable Tools

10 - T.D. 5350'

24. Producing Interval(s), of this completion - Top, Bottom, Name

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL-LDT-NGT-Cal., DLL-MSFL-Cal.- Deviation Survey

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	455'	17-1/2"	650 sacks + 11 yds. Redi-mix	Circulated
8-5/8"	24 & 32#	2500'	12-1/4"	700 sacks	Circulated
5-1/2"	14#	5350'	7-7/8"	500 sacks	2642'

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

Plugged and abandoned on 5-28-85

Date of Test

Hours Tested

Choke Size

Prod'n. For Test Period

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

Above listed logs and Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

[Signature]

TITLE

Region Petroleum Engineer

DATE

6-03-85

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 555'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2602'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 5054'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Capitan _____ 860'	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

NO CORES OR DST'S WERE TAKEN

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	_____ feet.
No. 2, from _____ to _____	_____ feet.
No. 3, from _____ to _____	_____ feet.
No. 4, from _____ to _____	_____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	505	505	Surface Rock & Red Beds				
505	628	123	Anhydrite				
628	997	369	Shale & Dolomite				
997	1813	816	Dolomite				
1813	2161	348	Sand & Dolomite				
2161	2500	339	Dolomite & Sand				
2500	2619	119	Lime				
2619	3029	410	Sand & Dolomite				
3029	3561	532	Sand, Lime & Shale				
3561	4039	478	Sand & Shale				
4039	4442	403	Sand, Shale & Lime				
4442	4859	417	Sand & Shale				
4859	5040	181	Shale & Sand				
5040	5350	310	Lime & Shale				
			T.D. 5350'				

Memo

From
Larry Brooks
Geologist

To

GIVEN 13 3/8 @ 455 CIRC.
8 3/8 @ 2505 CIRC.
5 1/2 @ 5350 TOC 2850

BS @ 5052
Del @ 2600
Cap @ 866
C @ 555

Perfs 5052-5104 CIBP @ 50.25
5255-5277 W/ 3 1/2" CMT (4990)

Perfs 4805-4866 CIBP @ 47.50
3871-4012 CIBP ^{235.70} W/ 3 1/2" CMT
(3835) TOP = 2 CMT.

Need: 50' plug in & out cutoff & Del fm
@ 2600 & tag. Run plug from

① 2650 - 2450 & tag (combines shoe & stub in one 200' plug.)

② Set 100' plug in/out capitan (910-810)
(2200)

③ Set 100' plug in/out sur @ 455. Set plug from
505 - 405.

Oil Conservation Division Artesia, New Mexico 88210

④ Run ITT & Circ Drawer DD
INSTALL D H M

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY
NEW MEXICO OIL CONSERVATION COMMISSION
JAN 4 1985
O. C. T.
ARTESIA OFFICE

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. L-1648
7. Unit Agreement Name
8. Farm or Lease Name State CP Com
9. Well No. 2
10. Field and Pool, or Wildcat Undesig. Bone Springs
12. County Eddy

(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 ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator
Cities Service Oil and Gas Corporation ✓

3. Address of Operator
P.O. Box 1919 - Midland, Texas 79702

4. Location of Well
UNIT LETTER K 1980 FEET FROM THE South 1980 LINE AND 1980 FEET FROM THE West LINE, SECTION 9 TOWNSHIP 21S RANGE 27E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3232' GR

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

T.D. 2500' Dolomite & Sand. Prep to drill ahead. Drilled a 12-1/2" hole from 505' to a T.D. of 2500' in Dolomite & Sand. Ran and set 54 Jts (2146.18') 8-5/8" OD 24# and 8 Jts (342.82') 8-5/8" OD 32# casing @ 2500' and cemented w/500 sacks of TLW w/4% Gel, 5# Gilsonite and 0.25# Flocele/sack + 200 sacks of Class C w/2% CaCl₂/sack cement. PD @ 1700 MST on 12-28-84. Cement circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500# for 30 min - OK.

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

SIGNED Elmer Startz TITLE Reg. Opr. Mgr. - Prod. DATE 1-2-85

APPROVED BY Original Signed By Mike Williams DATE JAN 9 1985

CONDITIONS OF APPROVAL, IF ANY: Oil & Gas Lease