

P-W

CITIES SERVICE #13 STATE 198-2  
NE NE 34-9N-27E APACHE COUNTY

sl

COUNTY Apache AREA Springerville LEASE NO. State #6460

WELL NAME CITIES SERVICE #13 STATE (STRAT)

LOCATION NW NW SEC 34 TWP 9N RANGE 27E FOOTAGE 4800' FSL 1080 FWL

ELEV 7671' GR KB SPUD DATE 8-17-62 STATUS FWL TOTAL DEPTH 1230'  
see JB memo 3-31-65

CONTRACTOR 7830 ± from 75' top

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>5 1/2</u>	<u>98'</u>	<u>6 Sx</u>	<u>NA</u>	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>Dry</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Basalt & Cinders	0'		<u>x</u>	
Tertiary	236'			
Cretaceous	936'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>Sp/Resistivity/GR</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP. <u>x</u>
			SAMPLE NO. _____
			CORE ANALYSIS _____
			DSTs _____

REMARKS Drilled with air; 4 3/4" hole. Permit #198-1 was issued for Babbitt Bros. & V. O. English Strat Test #202; however, that location was abandoned. This well drilled as Strat Test #13, Permit 198-2. If 1080' FWL (see P-7 and P-15) location is NW/4 NW/4

APP. TO PLUG \_\_\_\_\_  
PLUGGING REP. x  
COMP. REPORT x

WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Insurance Company of North America BOND NO. M 24-81-17  
DATE \_\_\_\_\_

BOND AMT. \$ 10,000 CANCELLED 9-12-63 ORGANIZATION REPORT 6-10-62

FILING RECEIPT 9306 LOC. PLAT x WELL BOOK x PLAT BOOK x  
API NO. 02-001-05354 DATE ISSUED 7-6-62 DEDICATION Strat

PERMIT NUMBER 198-2

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator: Cities Service Petroleum Company  
Address: P. O. Box 760, Roswell, New Mexico

Lease Name: State Lease #6460  
Well Number: #13 Strat test  
Field & Reservoir: Wildcat

Location: 4800' FSL & 1080' FWL of Section 34, T-9-N, R-27-E  
Sec.--TWP-Range or Block & Survey

County	Permit number	Date Issued	Previous permit number	Date Issued
Apache				

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DP, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
8-17-62	8-24-62			

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
1230'			

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
	Surface to 1230'	

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed

Type of electrical or other logs run (check logs filed with the commission)	Date filed
SP - Resistivity & Gamma-ray	

**CASING RECORD**

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	7 3/4"	5 1/2	18#	98'	6	None

**TUBING RECORD**

**LINER RECORD**

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

**PERFORATION RECORD**

**ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD**

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

**INITIAL PRODUCTION**

Date of first production: Dry  
Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am State District Geologist  
With Cities Service Oil Company.....(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: July 12, 1963

Signature: *P. K. Hurlbut*  
P. K. Hurlbut

STATE OF ARIZONA OIL & GAS  
CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. P-7 File two copies  
Authorized by Order No. 4-8-59  
Effective April 6, 1959

19872

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Basalt & Cinders	0	236'	
Tertiary	236'	936'	Shale & sand.
Cretaceous	936'	1230'	Shale & sand.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**INSTRUCTIONS:**

Attach driller's log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Arizona Strat Hole #13  
(Springerville Area) Apache County  
4800' FSL and 1080' FEL, Sec. 34, T9N-R27E  
Elevation 7671'

Drilling with air 4 3/4" hole

0-30 Basalt, med gry, hrd, vesicular in part  
30-268 Drilled without returns with air, lava, cinders intrbddd  
from 30 to 248  
248-268 Drilled like shale from 248 to 268 (probably Egar)  
Reamed hole with 7 3/4" bit to 100'. Set 5 1/2" OD casing  
to 98' no cam, seated in by rotating csg. Mudded up and  
lost circ. Packed hole with cottonseed hulls and regained circ.  
268-300 sh, pk/gry, bent, sticky, sdy in part  
300-330 sh a a some crse/v crse sdy zones or imbdd sd  
330-50 sh or pk/lt red, bent, v sticky, v sli sdy  
50-400 sh a a gry/pk v sdy in part  
400-510 sh a a pk/lt brwn  
510-50 sh a a gry/pk  
50-80 sh, pk, silty, v sticky  
80-00 sd gry/lt brwn, v shy, v/f gr, ang bent, sticky  
600-30 sh red brwn/pk sft, massive  
30-50 sh a a intrbddd gry f/m gr sdy stn  
50-70 sd gry/pk, bent, v shy f/m gr, ang intrbddd sh  
70-00 sh pk bent sticky, sli sdy  
700-10 sh gry/pk bent, silty/sdy tr glass, sticky  
10-40 sh, pk, v sticky, bent  
40-60 sh a a silty/sli sdy  
60-70 sd, lt gry/pk, v f/f gr, ang, v shy, bent, sticky  
70-80 sh pk, sticky bent sli silty  
80-96 congl, chert peb, gry, ylle, pk, brwn, w/r/agr sub ang  
sd matrix, non calc, no vis por in sd  
96-00 sh lt red brwn sdy, firm

600

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800-80 sh a a sdy in part  
 70-30 congl, short pob, varicolored, w/some basalt frags  
 30-40 sh, cr/pk sft, sticky/firm, sdy in part  
 40-50 congl, short pob, varicolored, shy matrix, tr wh ls med  
 50-60 same a a tr tan and lt gry sucor/f xln ls med  
 60-70 sh red brwn, silty/v sdy sft  
 70-80 sh a a thin short pob congl str  
 80-90 congl, short pob, and quartite pob, w/shy sd matrix no per/ali  
 per, some v crse varicol. short pob.  
 90-00 same a a w/red brwn sh str  
 900-10 sd, cr/ylio f/m gr, ang, v shy, bent, sft, no vis/per  
 10-20 congl, short pob, varicol, shy sd matrix, tr wh sucor ls med  
 some ylio/tan f gr ang shy sd, some ylio grn qtsite pob  
 20-30 same a a tr red/red brwn massive, from sh  
 30-40 sd, tr gry/crwn/grn f g, fair sorting, SR, per, whr wet  
 sh lt gry bent sli sdy in part. Top UK 930  
 40-50 sh, lt gry, bent, sticky, sdy in part, thin strigars of sd  
 lt gry v f gr, shy to glass.  
 50-60 sd, lt gry v f gr/fne gr, speckled w lt brwn grains, shy tite  
 med hrd N/S abund. car, poor spls  
 60-70 sd a a, intrdd lt gry sdy sh str, sticky,  
 70-80 sd, lt gry, f g, SA, calc, sli shy, ooc glass gr, tite N/S,  
 tr blk carb flecks.  
 80-90 sd a a; sh lt gry sticky, tr lt brwn/ wh ls with abund  
 micre fossils.  
 90-00 sd, f/m gr, lt gry, SA/SR, v calc, sli per N/S  
 1000-10 sh, med/drk gry, sft, massive  
 10-20 sh a a, tr v f gr shy sd  
 20-30 sh a a sticky, silty/sdy  
 30-40 sd, gry/lt gry, v f gr, fair/g sorting, firm, v sli calc/non calc,  
 tite N/S

800-90 sh a a sdy in part  
 20-30 congl, chert pob, varicolored, w/some basalt frags  
 30-40 sh, cr/pk sft, sticky/firm, sdy in part  
 40-50 congl, chert pob, varicolored, shy matrix, tr wh ls med  
 50-60 some a a tr tan and lt gry sncr/l xln ls med  
 60-70 sh red brwn, silty/v sdy sft  
 70-80 sh a a thin chert pob congl str  
 80-90 congl, chert pob, and quartzite pob, w/shy sd matrix no per/sli  
 per, some v crse varicol. chert pob.  
 90-00 some a a w/red brwn sh str  
 900-10 sd, cr/ylio f/m gr, ang, v shy, bent, sft, no via/per  
 10-20 congl, chert pob, varicol, shy sd matrix, tr wh sncr ls med  
 some ylio/tan f gr ang shy sd, some ylio grn quartzite pob  
 20-30 some a a tr red/red brwn massive, firm sh  
 30-40 sd, tr gry/brwn/grn f g, fair sorting, SR, per, wtr wet  
 sh lt gry bent sli sdy in part. Top UK 930  
 40-50 sh, lt gry, bent, sticky, sdy in part, thin strigurs of sd  
 lt gry v f gr, shy to glass.  
 50-60 sd, lt gry v f gr/fne gr, speckled w lt brwn grains, shy tite  
 med hrd N/S abund. car, poor spls  
 60-70 sd a a, intrdd lt gry sdy sh str, sticky,  
 70-80 sd, lt gry, f g, SA, calc, sli shy, ooc glass gr, tite N/S,  
 tr blk carb flecks.  
 80-90 sd a a; sh lt gry sticky, tr lt brwn/ wh ls with abund  
 micre fossils.  
 90-00 sd, f/m gr, lt gry, SA/SR, v calc, sli per N/S  
 1000-10 sh, med/drk gry, sft, massive  
 10-20 sh a a, tr v f gr shy sd  
 20-30 sh a a sticky, silty/sdy  
 30-40 sd, gry/lt gry, v f gr, fair/g sorting, firm, v sli calc/med calc,  
 tite N/S

40-50 sd, lt gry/brown, f g, friab, SE, calc, per N/S lost  
circ 1048', regained with mud & hulls

50-60 sd a a, non calc, per? N/S

60-70 sd a a, calc, occ glass gr, good sort, v firm tite N/S  
tr gry silty sh

70-80 sd a a, gry grn

80-90 sd a a w/calcite filled fractures, tr pyrit, tr mica

90-00 sh, med gry, sft, abund pyrit lss, tr blk, carb sft sh tr  
gry brwn xln dnse ls

1100-10 sh drk gry/bla gry w/carb str

10-20 sh a a; ls gry brwn ang/xln dnse N/S

20-30 sh, drk gry, carb, sft, massive, tr tan sdy ls

30-40 sh, med gry, carb, silty in part

40-50 sh bla gry, sft, massive

50-60 sh a a v sdy

60-70 sh a a sdy in part

70-80 sh a a tr ls tan sli sdy

80-90 ls, lt gry, silty, ang, tr foss spic, pale brwn cast,  
sd, lt gry v f g, shy silty calc tite N/S

90-00 sd, wh, f gr, calc, SA/SE, occ f/m gr, ali per N/S

1200-10 sd, lt gry v f gr, silty/shy tite N/S

10-40 sd a a

20-30 sd gry/tan, f/m gr, qts, ES, congl yllc qts peb some  
varicel. qts frags; tr brwn ang/xln ls; sd, lt brwn, f g, calc  
tite, some pale gra grains incl, tr carb flocks throughout, N/S

707'  
1220'  
-----  
445'

TD 1230' ran SP-Resistivity & Gamma-ray - Not in File

Log Tops:

Eger 236 (+7435)  
UK 936 (+6735)  
Kss? 1004 (+6667)  
Kgh 1108 (+6563)  
Kd? 1220 (+6451)  
TD 1230'

Plugged August 24, 1962

6 ex con at 930  
6 ex con at 96'  
5 ex con at surface

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**PLUGGING RECORD**

Operator <b>Cities Service Petroleum Company</b>		Address <b>P. O. Box 760, Roswell, New Mexico</b>	
Name of Lease <b>State Lease #6460</b>		Well No. <b>#13 Strat test</b>	Field & Reservoir <b>Wildcat</b>
Location of Well <b>4800' FSL &amp; 1080' FWL of Section 34, T-9-N, R-27-E</b>		Sec-Twp-Rge or Block & Survey	County <b>Apache</b>
Application to drill this well was filed in name of	Has this well ever produced oil or gas <b>None</b>	Character of well at completion (initial production): Oil (bbls/day)      Gas (MCF/day)      Dry? <b>None</b> <b>None</b> <b>Yes</b>	
Date plugged: <b>8-24-62</b>	Total depth <b>1230'</b>	Amount well producing when plugged: Oil (bbls/day)      Gas (MCF/day)      Water (bbls./day) <b>None</b> <b>None</b> <b>None</b>	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
<b>cretaceous</b>	<b>No test</b>	<b>936 -1100</b>	<b>6 sacks at 930'</b> <b>6 sacks at 96'</b>

**CASING RECORD**

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
<b>Surface</b>	<b>98'</b>	<b>0</b>	<b>98'</b>	<b>None</b>	<b>None</b>

Was well filled with mud-laden fluid, according to regulations?  
**Yes**

Indicate deepest formation containing fresh water.  
**None**

**NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

Name	Address	Direction from this well:
<b>Cities Service Oil Co.</b>	<b>Bartlesville, Oklahoma</b>	<b>West</b>
<b>Cities Service Oil Co.</b>	<b>Bartlesville, Oklahoma</b>	<b>North</b>
<b>Cities Service Oil Co.</b>	<b>Bartlesville, Oklahoma</b>	<b>South</b>
<b>Cities Service Oil Co.</b>	<b>Bartlesville, Oklahoma</b>	<b>East</b>

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail  
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission See Reverse Side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am ~~36X~~ a District Geologist ~~of the~~ with **Cities Service Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date **July 12, 1963** Signature *P. K. Hurlbut*  
P. K. Hurlbut

**STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION**

Plugging Record      File two copies

Form No. P-15      4-8-59

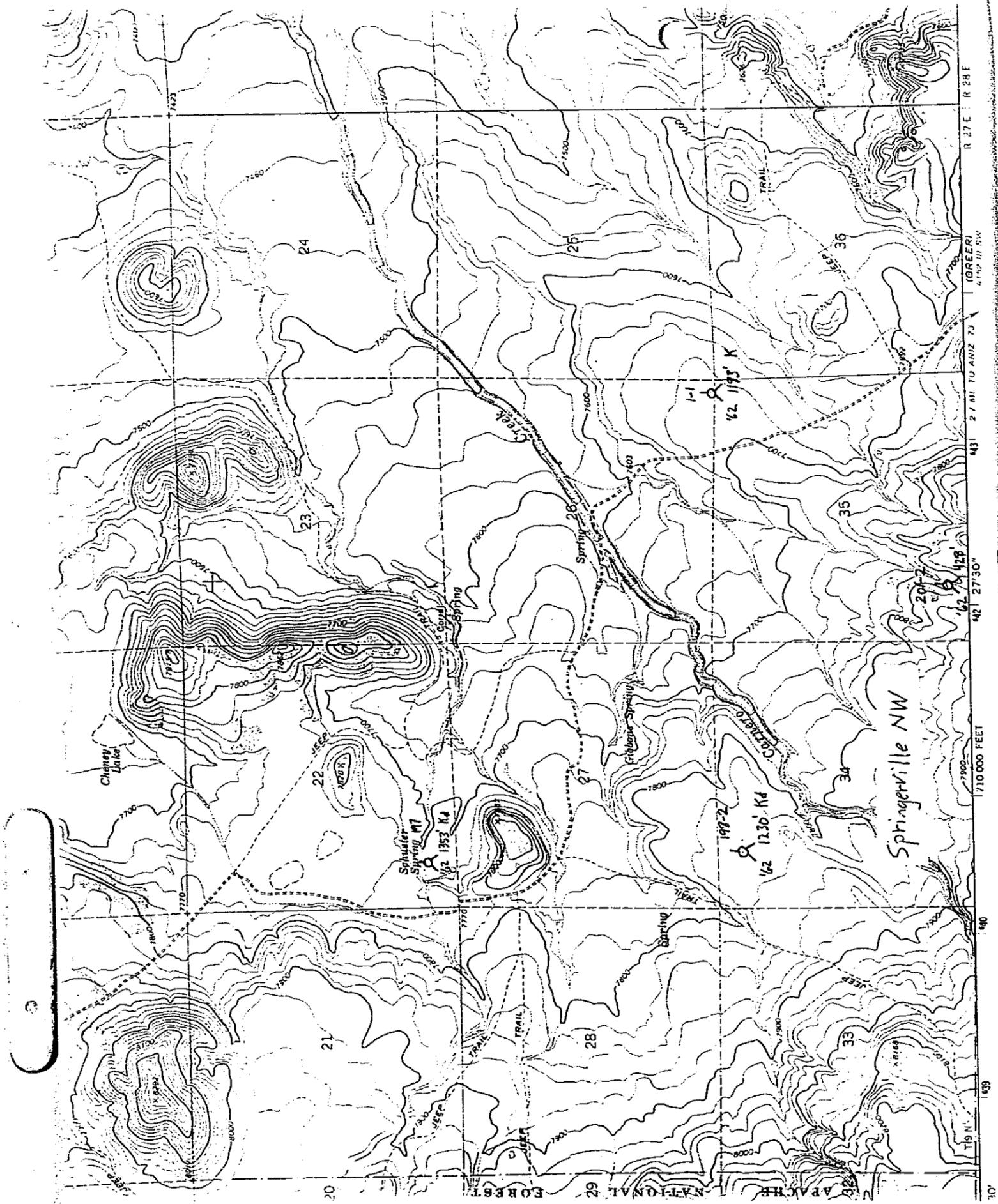
Authorized by Order No.      Effective **April 6, 1959**

1984

OVER

PLUGGING INFORMATION

Uncased hole plugged with heavy mud. Cement plug set at surface - 5 sacks.  
Location marked with 4" marker pipe extending 4' above general ground level. Name  
of well, location and operators name was welded on marker pipe.



R 27 E R 28 E

(GREEN) 4, 1/2 MI. RW

43 2 7 MI. TU ANIZ 73

42 27 30"

171000 FEET

140

139

107



March 31, 1965

Memo to: File 197  
198  
199  
200  
201

From: John Bannister, Executive Secretary

Re: Cities Service Strat Tests

Cities Service made five applications which were assigned permit numbers 197 through 201.

Inasmuch as some of the area tests encountered an unexpected lava flow, some of the locations were changed by permission of the Commissioners. See minutes of July 25, 1962 meeting. The locations that changed were drilled under the original permits and in this case did not reflect the location as finally drilled.

In some cases a test was started at one location, said location being plugged and abandoned and a new well being drilled under the same permit at a different location.

Permit 197. Issued for Cities Service Strat Test 201, SW/4SW/4, S22-T9N-R27E. This well completed and no changes are involved in this file.

Permit 198. Issued for Cities Service Strat Test 202, SE/4NE/4, S33-T11N-R25E. However, this location was abandoned and the well was drilled as Strat Test 13, NW/4NW/4, S34-T9N-R27E.

Permit 199. Issued for Strat Test 4, NW/4NE/4, S6-T8N-R28E. This well was drilled and abandoned and Strat Test 202 was drilled under this same permit, SW/4NW/4, S15-T8N-R28E. (The Strat Test 4 location should be carried as abandoned.)

Permit 200. Issued for Strat Test 204, SE/4SE/4, S2-T10N-R25E. The test however was abandoned and a new location, SW/4SE/4, S2-T10N-R25E, was completed.

Permit 201. Issued to cover Cities Services Strat Test 205, SW/4SE/4, S17-T9N-R27E, but this location was abandoned and the Cities Service Strat Test 10, SW/4SW/4, S35-T9N-R27E, was drilled instead.

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To reiterate:

Permit 197 should reflect well 201, SW/4SW/4, S22-T9N-R27E.

Permit 198 covers Strat Test 13, NW/4NW/4, S34-T9N-R27E.

Permit 199, Strat Test 202, located SW/4NW/4, S15-T6N-R28E.

Permit 200, Strat Test 204, SW/4SE/4, S2-T16N-R25E.

Permit 201, Strat Test 10, SW/4SW/4, S35-T9N-R27E.

All wells have been properly plugged and abandoned and Bond M-248117 in the amount of \$10,000 was released on September 12, 1963.

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November 18, 1963

Mr. E. A. Springer  
Land and Lease Department  
Cities Service Oil Company  
Bartlesville, Oklahoma

Re: Release of Surety  
Oil & Gas Bond  
Blanket Drilling  
Bond, etc.

Dear Mr. Springer:

It is with pleasure we release your above captioned bond in regard to the requirements of paragraph 101 "Bond", since the Rules and Regulations of this Commission are satisfied.

It was unfortunate that your operation occurred at a time when the change over in rules requiring permits on strat tests was happening and a misunderstanding took place.

It is hoped you'll pursue some more operations in Arizona in the future.

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:lJ

NOTE: Bond Serial No. M 24 81 17  
Bond in the following file:  
"Cities Service Petro - Colar #201  
SW SW Sec. 22-T0N-R27E, Apache County"

1198

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. M 24 81 17

That we: CITIES SERVICE PETROLEUM COMPANY

of the County of: WASHINGTON in the State of: OKLAHOMA

as principal, and INSURANCE COMPANY OF NORTH AMERICA

of PHILADELPHIA, PENNSYLVANIA  
AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

All lands situated within the State - this being a blanket bond.  
(May be used as blanket bond or for single well)

**CANCELLED**

DATE 9-12-63

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Ten Thousand Dollars (\$10,000.00) -----

Witness our hands and seals, this 19th day of JUNE, 1962

ATTEST: CITIES SERVICE PETROLEUM COMPANY

By K. C. ... Assistant Secretary BY J. Evans Assistant Treasurer Principal

Witness our hands and seals, this 19th day of JUNE, 1962

ATTEST: INSURANCE COMPANY OF NORTH AMERICA

BY Gertrude D. Johnson BY W. H. Freiburger Attorney-in-Fact  
WALTER FREIBURGER & SON AGENCY  
Bartlesville, Oklahoma Surety

W. H. Freiburger Resident Agent - Arizona  
(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved \_\_\_\_\_ Date \_\_\_\_\_

STATE OF ARIZONA  
OIL AND GAS CONSERVATION COMMISSION

198- cancelled 9-12-63



CITIES SERVICE OIL COMPANY  
BARTLESVILLE, OKLAHOMA

September 12, 1963

Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix 7, Arizona

Re: Oil and Gas Bond  
Blanket Drilling Bond  
to the State of Arizona  
#M-248117, I.N.A.

Gentlemen:

By your letter of May 31, 1963 you advised that certain obligations had to be satisfied before you could furnish us with a Release of Surety under this bond.

We have been advised by our Field Office that these obligations have been satisfied, and we would like to be furnished with a Release of Surety under this bond so that it may be removed from our records.

Very truly yours,

LAND AND LEASE DEPARTMENT  
Rental Section

*E. A. Springer*  
E. A. Springer

EAS:vjt

*Mr. E. A. Springer*

*RE Release of Surety - Oil & Gas Bond - Blanket Drilling Bond etc  
Dear Mr. Springer:*

*It is with pleasure we release your above <sup>captioned</sup> bond in regard to the requirements of paragraph 101 "Bond" since the Rules and Regulations of this Commission <sup>are</sup> ~~long~~ satisfied.*

*198*

*It was unfortunate that your operation occurred at*



July 29, 1963

Cities Service Oil Company  
P. O. Box 700  
Roswell, New Mexico

Re: Strat Tests  
Apache County,  
Arizona

Attention: Mr. J. Frank Eincy, Landman

Gentlemen:

Thank you for your letter of July 18 addressed to the attention of Mr. Petty enclosing the various forms covering strat tests drilled in this state. I am sorry that we are going to ask that you give us more information.

Your original Permit #197 called for a well in Sec. 23, 24, 27E, and you have furnished the information required on the drilling of this test.

Your Permit #200 covered a test in Sec. 2, 10W, 22E, on which you have furnished information.

Your Permit #198 covered a test in Sec. 23, 11E, 22E; Your Permit #199 covered a test in Sec. 23, 11E, 22E and your Permit #201 covered a test in Sec. 17, 24, 27E.

Our files indicate that permission was granted to you to change locations of several of these proposed tests for which you were given permits.

In your letter of July 18 you furnished us completion notices on Strat Test #4 located in Sec. 6, 24, 22E; Strat Test #10 in Sec. 23, 24, 27E and Strat Test #9 in Sec. 24, 24, 27E.

We assume that these last three tests for which you furnished completion notices were in place of those permitted you under Permits 198, 199 and 201 for which you received permission to change locations. Presuming this is the case, will you please inform us which strat tests, as indicated above, should be assigned to Permits 198, 199 and 201.

Yours very truly,

H. A. Ledwick  
Executive Secretary



**CITIES SERVICE OIL COMPANY**

P. O. BOX 780. NORWELL, NEW MEXICO

July 18, 1963

Oil and Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

ATTENTION: Mr. John E. Petty, Petroleum Geologist

Dear Mr. Petty:

As per your request we are enclosing the following forms covering stratigraphic tests drilled in the state of Arizona:

STRAT TEST #201 (Permit #157)

2 copies Form No. P-7, well completion and well log.  
Forms 15-A, P-15, sample description, and electric logs were furnished previously. Surface marker was set at this location on July 10, 1962. The test you found without a marker was undoubtedly one of the following tests on which markers were recently set.

STRAT TEST #202

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description

STRAT TEST #1

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description  
2 copies Electric Log

STRAT TEST #10

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description

STRAT TEST #13

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description  
2 copies Electric Log

PAGE 2

You will note we have used two numbering systems. This was the result of two planned drilling programs. The difficulties encountered in drilling the strat-tests in this area resulted in our drilling only a few of the tests set out in our drilling programs.

Several more strat-tests were drilled in this area which were turned over to the land owners. Information on these tests will be forwarded in the near future.

Yours truly,

*Frank Riney*  
J. Frank Riney  
Landman

JFR/efe

encls.

May 31, 1963

Mr. E. A. Springer  
Land and Lease Department  
Rental Section  
Cities Service Oil Company  
Bartlesville, Oklahoma

Re: Oil and Gas Bond - Blanket Drilling Bond to the  
State of Arizona #M-248117 I.N.A.

Dear Mr. Springer:

Confirming my telephone conversation with you today relative to the cancellation of the blanket drilling bond issued for your stratigraphic tests in July, 1962, we wish to advise that at our last inspection of the one test drilled by you in Sec. 22, 9N, 27E, Apache County, Arizona had not been properly marked in conformance with our regulations. A permanent marker will necessarily have to be installed before we can release the bond as requested.

Your company has previously furnished us with copies of electric logs and copies of sample descriptions; however, it did not file a well completion report as required. We are enclosing herewith sufficient forms for you to furnish this completion report to us.

Yours very truly,

N. A. Ludewick  
Executive Secretary

encs

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CITIES SERVICE OIL COMPANY

BARTLESVILLE, OKLAHOMA

May 28, 1963

Oil and Gas Conservation Commission  
of the State of Arizona  
Phoenix, Arizona

In re: Oil and Gas Bond  
Blanket Drilling Bond  
to the State of Arizona  
#V-24117 I.N.A.

Gentlemen:

Our company has a Blanket Drilling Bond for the State of Arizona  
Service Petroleum Company as Principal and the Insurance Company  
of North America as Surety which was a part of the bond for  
1962. Our contract with the State of Arizona is for the year 1963.  
This bond is being renewed.

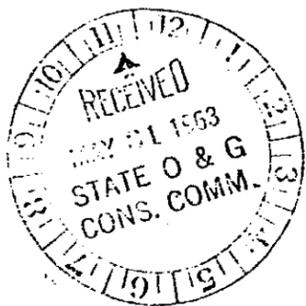
Please kindly make your participation to cancel this bond  
so that our Surety Company will release us from further liability  
under same.

Very truly yours,

LAND AND LEASE DEPARTMENT  
Rental Section

*E. A. Springer*  
E. A. Springer

EAS:vjt



531 63  
I called Springer and  
him time about on portion  
marker and separator  
samples.



*2-d*

# CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

September 20, 1962

Oil & Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

Attention: Mr. John K. Petty

Gentlemen:

On July 2, 1962, we forwarded five Applications to Drill covering five stratigraphic tests we proposed to drill in Apache County, Arizona. These Applications were approved by you on July 7, and assigned the following permit numbers:

	<u>C.S.P. Well No.</u>	<u>Ariz. O. &amp; G.C.C. Permit No.</u>
<i>CSD</i>	<i>2 base, W. Tolson,</i> 201 - 1353	<i>22-AN-R27E</i> 197
	202 - 1186 <i>Reported</i>	<i>15-8N-R21E</i> 198
	203	199
	<i>Saw</i> 204 - 287 <i>W. Tolson</i>	<i>2-10N-25E</i> 200
	205	201

We are enclosing three copies each of Form No. 15-A and Form No. P-15 covering the stratigraphic test drilled under Permit No. 197.

The proposed strat tests which were assigned Permit Numbers 198, 199, 200, and 201 were not drilled, and we hereby give notice of the abandonment of these locations. Please advise if this letter is sufficient notice of the abandonment of the proposed tests or if certain forms should be filed with your office.

We wish to thank you for your cooperation during our operations in the State of Arizona.

Yours very truly,

CITIES SERVICE PETROLEUM COMPANY

*J. Frank Rinsy*  
J. Frank Rinsy, District Landman

*Permit Register  
Posted*

JFR:b  
Enclosures

July 30, 1962

Mr. Frank Riney, District Landman  
Cities Service Petroleum Company  
2010 Monte Vista, N. E.  
Albuquerque, New Mexico

Re: Strat Tests - Apache County, Arizona

Dear Mr. Riney:

At the July 25 meeting of the Arizona Oil and Gas Conservation Commission, the commissioners were agreeable to your moving the locations of some of your stratigraphic tests on account of thickness of the volcanics, etc. thus verifying your telephone conversation with Don Jerome who told you to go ahead, your request was granted.

However, please bear in mind that these strat tests are now subject to the same plugging and other regulations a regular drilled hole is. So please observe water shut off, permanent marking with pipe, etc. and data to be sent to this office.

We sincerely hope you will complete some of them as economically paying wells and that you will extend your operations far and wide in this State.

Thanking you for the information which you and Mr. Anderson gave me this morning, I am

Yours truly,

John E. Petty  
Petroleum Geologist

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July 9, 1962

Cities Service Petroleum Company  
3010 Monte Vista N. E.  
Albuquerque, New Mexico

Attn: Mr. J. Frank Riney, District Landman

Gentlemen:

Enclosed are approved copies of your application for permit  
to drill the following stratigraphic tests:

Cities Service Petroleum - J.H. Colter Well #201  
Sec. 22, T9N, R27E, Apache County, Arizona

Cities Service Petroleum - Babbitt/English Well #202  
Sec. 33, T11N, R25E, Apache County, Arizona

Cities Service Petroleum - Utah State Lease 6450  
Well #203 - Sec. 28, T11N, R25E, Apache County, Arizona

Cities Service Petroleum - Utah State Lease 6450  
Well #204 - Sec. 2, T10N, R25E, Apache County, Arizona

Cities Service Petroleum - Arizona State Lease 5693  
Well #205 - Sec. 17, T9N, R27E, Apache County, Arizona

Also enclosed is your receipt for the \$125.00 fee for the  
five permits.

We certainly wish you the greatest success in these ventures  
and please do not hesitate to call upon us if we may help in  
any way.

Yours very truly,

Helen M. Erenic  
secretary

cc: 6

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## CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

July 2, 1962

Oil and Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

Attention: Mr. D. A. Jerome, Executive Secretary

Gentlemen:

We are enclosing two copies each of five Applications for Permit to Drill covering five stratigraphic tests we propose to drill in Apache County, Arizona. We are also enclosing Cities Service Draft No. 385 in the amount of \$125.00 covering application fees. We hope to commence drilling operations on these tests in the very near future, therefore, any action you can take to expedite the processing of these forms will be greatly appreciated.

We are also enclosing a blanket surety bond in the amount of \$10,000.00 with power of attorney and organization report attached.

In order to expedite our operations we would appreciate it if you would call this office collect when the processing of the application forms and bond have been completed.

Please forward a supply of the application forms for our future use.

Very truly yours,

CITIES SERVICE PETROLEUM COMPANY

J. Frank Rinay  
District Landman

JFR:kw  
Enclosures

May 2, 1962

Mr. J. Frank Riney, District Landman  
Cities Service Petroleum Company  
3010 Monte Vista N. E.  
Albuquerque, New Mexico

Dear Frank:

This will acknowledge receipt of your letter of April 30,  
1962.

We are happy that you are getting interested in Arizona  
and we do hope you will drill us several wells in the area  
after your seismic rig work is evaluated.

Sincerely yours,

D. A. Jerome  
Executive Secretary

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CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

April 30, 1962

Mr. D. A. Jerome, Executive Secretary  
Arizona State Oil and Gas Conservation Commission  
3500 North Central Avenue, Suite 221  
Phoenix, Arizona

Dear Mr. Jerome:

As per your telephone instructions of April 19, 1962,  
and April 27, 1962, we have moved a shallow seismic rig into  
the Springerville Area of Northeastern Arizona. On completion  
of our operations in the area, we will furnish you with a plan  
showing the sites on which the rig was operated.

If you require any additional information, please  
contact us.

Yours very truly,

CITIES SERVICE PETROLEUM COMPANY

*J. Frank Riney*  
J. Frank Riney, District Landman

JFR:b