REABANDONMENT REQUIREMENTS

February 7, 1994

Thornbury Drilling Company
"Community" 3

1. Clean out to 375' or top of cement plug.
2. Plugged with cement from 375' to surface.
Gibson-Brexler Building
Santa Maria, California
March 30, 1949

Mr. W. A. Sturgeon
Groult, California
Agent for Thornbury Drilling Company

Dear Sir:

Your report of abandonment of well No. "Community" 3, Sec. 33, T. 4 N., R. 26 W., S. B. B., Santa Barbara County, dated March 25, 1949, and submitted to this Division on our Form 109, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

Yours truly,

F. D. Bush
State Oil and Gas Supervisor

By Deputy Supervisor

CC: Mr. W. B. Bush
Mr. F. H. Johnson
**DIVISION OF OIL AND GAS**

**WELL SUMMARY REPORT**

Operator: Thornbury Drilling Co.  
Field: Carpinteria, Santa Barbara County

Well No.: 3, Community  
Sec.: 34, T. 4 N, R. 25 W, S.B. B. & M.  
411 ft. N. and 150 W, from intersection of E. Catlin Boundary with center line of S.P. RR

Elevation of ground above sea level: 60 feet.  
Rotary table: All depth measurements taken from top of which is 4 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1919, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date: March 25, 1949

W. H. Geis  
(Engineer or Geologist)

Wm. M. Thornbury  
(Supervisor)

Signed:  
Wm. M. Thornbury  
(President)

---

Commenced drilling: March 10, 1949  
Completed drilling: March 14, 1949  
Drilling tools: Rotary

Total depth: 1807 ft  
Plugged depth: 375 ft

Junk: None

---

GEOLICAL MARKERS

<table>
<thead>
<tr>
<th>Depth</th>
<th>Monterey</th>
<th>Rincon Shale</th>
</tr>
</thead>
<tbody>
<tr>
<td>0- 800</td>
<td>Relizian Stage</td>
<td>Saucian Stage</td>
</tr>
<tr>
<td>800-1807</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Casing Record (Present Hole)**

<table>
<thead>
<tr>
<th>Size of Casing (A.P. L)</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of Casing</th>
<th>Size of Hole Casing landed in</th>
<th>Number of Sacks of Cement</th>
<th>Depth of Cementing if through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>1771.80</td>
<td>0</td>
<td>24</td>
<td>New</td>
<td>H. 40</td>
<td>12 1/8&quot;</td>
<td>225</td>
<td>452&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Perforations**

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>462.90</td>
<td>732.90</td>
<td>12 M. x 2&quot; slots</td>
<td>16</td>
<td>3&quot;</td>
<td>Saw slots</td>
</tr>
<tr>
<td>780.28</td>
<td>997.03</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>1370.20</td>
<td>1420.08</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>1534.18</td>
<td>1551.98</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>1598.58</td>
<td>1664.21</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>1731.89</td>
<td>1771.36</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>do</td>
</tr>
</tbody>
</table>

Electrical Log Depths: 1807
History of Oil or Gas Well

Operator: Thornbury Drilling Co.
Field: Carpinteria, Santa Barbara County

Well No: "Community" 3
Sec: 34 33, T. 49, R. 25 1/2, S.B. & M.

Date: March 25, 1949.

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casing, number of shots of cement used in the pluging, number of days or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridging were put in to test for water, state kind of material used, position and results of pumping or bailing.

3-9 Set 16" x 50# Conductor at 18', Cemented same to Surface.
3-10 Spudded 12 1/2" hole drilled to 701' (See Core Record)
3-11 " 1100 - 1125" " " "
3-13 Drilled to 1435' Ran Schlumberger.
3-15 "1807' " " "
3-16 Ran 8 5/8" x 24# new seamless H. 40 Casing, combination string, cemented same through ports at 452' with 225 sax Victor Cons., with good returns neat cement at surface at 9.00 AM. Shoe at 1771.80'.
3-17 Installed Shaffer Gate, ran in, circulated found top of plugs at 447'. Shot 4 3/4" holes at 440'. Bailed hole dry at 9.15 AM. Passed D.O.G. test. W.S.O.K. Ran in drilled out plugs and float collar circulated to bottom. Mixed calcium chloride, 10# to bbl. of water and circulated mud from hole.
3-19 Washed perforations and bailed to 628'.
3-20 Bailed hole dry at 6.45 AM. Ran bailer after hole had set 6 hrs., found no fluid entry or rise. After filling hole with 85# mud, ran wood bridge plug to 460', pumped in 50 sax Victor Cons., cement treated. Let same set 2 hrs., found hard cement at 375'. Plug test witnessed by County Inspector Johnson. Welded plate over top of 8 5/8". Well is plugged and abandoned.
## FORMATIONS PENETRATED BY WELL

<table>
<thead>
<tr>
<th>DEPTH TO</th>
<th>Top of Formation</th>
<th>Bottom of Formation</th>
<th>Thickness</th>
<th>Drilled or Cored</th>
<th>Recovery</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>701</td>
<td>701</td>
<td>Drilled</td>
<td></td>
<td>Relizian Stage, Monterey Shale, Some tar showings.</td>
</tr>
<tr>
<td></td>
<td>701</td>
<td>778</td>
<td>77</td>
<td>Cored</td>
<td>78%</td>
<td>As above, shale is limey and highly fractured. Fragments of Bentonite 773-778</td>
</tr>
<tr>
<td></td>
<td>778</td>
<td>800</td>
<td>22</td>
<td>Drilled</td>
<td></td>
<td>Lower portion Relizian, shale is limey and highly fractured.</td>
</tr>
<tr>
<td></td>
<td>800</td>
<td>1100</td>
<td>300</td>
<td></td>
<td></td>
<td>Rincon Shale, Saucesian Stage with dips of 54°. Upper part contains Siphon Transversa, abundant Uvigerinella obesa and Sporbo.</td>
</tr>
<tr>
<td></td>
<td>1100</td>
<td>1125</td>
<td>25</td>
<td>Cored</td>
<td></td>
<td>As above.</td>
</tr>
<tr>
<td></td>
<td>1125</td>
<td>1807</td>
<td>682</td>
<td>Drilled</td>
<td></td>
<td>As above.</td>
</tr>
</tbody>
</table>
COUNTY OF SANTA BARBARA
STATE OF CALIFORNIA
Special Report on Oil Operations Witnessed

No. 1299
Santa Maria, Calif., March 30, 1949

Mr. W. H. Geis
525 Security Building
Los Angeles 13, California

Agent for Thornbury Drilling Company

Dear Sir:

Operations at your well Community #3 Sec. 33, T. 4 N, R. 25 W, S. B. B. & M. Carpenteria Oil Field, in Santa Barbara County, were witnessed by R. J. Samson, representative of the County on March 16, 1949. There was also present Wm. Thornbury and Mr. Duffield for Thornbury Drilling Company.

Casing Record 3-16-49 - set 1113' of 8-5/8" casing - 654' perforated pipe and 3' Baker Whirler Float Collar set at 450' level. Total length casing 1770'.

The operations were performed for the purpose of cementing from collar to surface.

and the data and conclusions are as follows:

Mr. Thornbury reported a 12-1/4" rotary hole drilled to a depth of 1807'.

1. 10:30 P.M. to 8:00 A.M. ran casing.
2. Mud fluid circulated.
3. 8:33 A.M. to 8:53 A.M. 225 sacks of construction cement were pumped into casing by International Cementers. Theoretical requirements 155 sacks. 1 top and 1 bottom plugs used.
4. 8:58 A.M. to 9:08 A.M. cement was displaced with 161 cu. ft. of mud fluid. Cement return was made at completion of displacement. Final pressure 600 lbs.

Oral approval of cementing procedure is herewith confirmed.

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

By
COUNTY OF SANTA BARBARA
STATE OF CALIFORNIA

Special Report on Oil Operations Witnessed

ABANDONMENT

No. 1299

Santa Maria, Calif., March 30, 1949

Mr. W. H. Geis
525 Security Building
Los Angeles 13, California

Agent for Thornbury Drilling Company

Dear Sir:

Operations at your well Community #3 Sec. 33, T. 4 N, R. 25 W, S. B. B & M. Carpenteria Oil Field, in Santa Barbara County, were witnessed by F. H. Johnson, representative of the County on March 21, 1949. There was also present Mr. Duffield and Mr. Robertson for Thornbury Drilling Company.

Casing Record 3-16-49 - set 1113' of 8-5/8" casing - 654' perforated pipe and 3' Baker Whirler Float Collar set at 450' level. Total length casing 1770'.

The operations were performed for the purpose of abandonment.

and the data and conclusions are as follows:

Mr. Duffield reported casing gun perforated at 450' level.
Hung drill pipe at 510' - 50 sacks of cement pumped in by International Cementers - in place at 3:00 P.M.
5:30 P.M. in presence of County Inspector, located cement at 375' level, leaving a 135' plug 60' below perforations and 75' above perforations. Steel plate to be welded on top of 8-5/8" casing at bottom of cellar. Sump and cellar to be filled in - all concrete and debris to be removed and premises left in original condition.

Oral approval of abandonment procedure is herewith confirmed.

SANTA BARBARA COUNTY OIL WELL INSPECTOR

F. H. JOHNSON, Inspector

By

[Signature]
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

No. P. 3-5490

Santa Maria, Calif. March 30, 1949

Mr. W. R. Sturgeon,
Orcutt, Calif.
Agent for Thornbury Drilling Company

DEAR SIR:

Your proposal to abandon Well No. "Community" 3, Section 33, T. 4N., R. 25W., S. B. & M., Field, Santa Barbara County, dated Mar. 25, 1949, received Mar. 29, 1949, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS: The condition of the well is as stated in the notice.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Complete casing record.
   16" O.D. x 50 ft. 18 ft. Cemented to surface. T.D. 1807 ft. 8 5/8" x 24 ft. New Smls. H. 40 Combination String with shoe at 1771.80 and cemented through ports at 452 ft. Perforated 16 rows, 120 m. 2" slots, 3" centers at following points:
   462 - 732.90 - 1534.18 - 1551.98
   780.48 - 997.03 - 1598.58 - 1664.21
   1370.30 - 1420.00 - 1731.29 - 1771.80
2. Last produced. Not Produced.
   Date Net Oil Gravity Cut"

PROPOSAL:
"The proposed work is as follows:
Fill hole with heavy mud, set wood bridge plug at 460 ft. pump in 50 sax construction cement, treated, through drill pipe. Test plug, fill hole above plug with heavy mud, welt plate over top of 8 5/8" and abandon."

DECISION:
THE PROPOSAL IS APPROVED.

Note: Verbal approval to do the proposed work is hereby confirmed.

Bond No. 963.063.

CC - Mr. F. H. Johnson

R. D. BUSH
State Oil and Gas Supervisor
By [Signature] Deputy
DIVISION OF OIL AND GAS

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Fillmore, Calif. March 25, 1949

DIVISION OF OIL AND GAS

Santa Maria, Calif. MAR 29 1949

RECEIVED

SANTA MARIA CENSUS DISTRICT

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Oil., Stat. 1939, notice is hereby given that it is our intention to abandon well No. 1, "Commuty" 3

Sec. 33, T. 4 N., R. 25 W., S.B. & M. Carpinteria Field, Santa Barbara County, commencing work on the 20th day of March 1949.

The present condition of the well is as follows:

1. Complete casing record.

16" O.D. x 50# 18' Cemented to surface. 7D.1807'
8 5/8" x 24# New Smls. H. 40 Combination String
with shoe at 177' 80 and cemented through ports at 452'.
Perforated 16 rows, 120 m. 2" slots, 3" centers, at following points:
462 - 732.90
780.48 -997.03
1370.80 -1420.

2. Last produced. Net Produced.

<table>
<thead>
<tr>
<th>Date</th>
<th>Net</th>
<th>Gravity</th>
<th>Cut</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The proposed work is as follows:

Fill hole with heavy mud, set wood bridge plug at 460' pump in 50 sax construction cement, treated, through drill pipe. Test plug, fill hole above plug with heavy mud, weld plate over top of 8 5/8" and abandon.

Thornbury Drilling Co.

(Name of Operator)

By [Signature]

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED.
Report on Test of Water Shut-off  
(BAILING)  

Mr. W. R. Sturgeon,  
Orcutt, Calif.  
Agent for Thornbury Drilling Company  

Santa Maria, Calif. March 23, 1949  

Dear Sir:  

Your well No. "Community" 3, Sec. 33, T. 4 N., R. 25 W., S. B. & M. Field, in Santa Barbara County, was tested for water shut-off on March 17, 1949. Mr. R. M. Barger, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present S. F. Duffield, Superintendent, and W. L. Knight, Driller  

through perforations  

Shut-off data: 8 5/8" in. 24 lb. casing was cemented at 450 ft. on March 16, 1949 in 12 1/4" hole with 225 sacks of cement of which 2 sacks was left in casing.  

Casing record of well: 16" cem. 18'; 8 5/8" landed 1776', perf. at intervals from 450' to 1807'; c.p. 450', as above  

Reported total depth 1807 ft. Bridged with cement from 446 ft. to 450 ft. Cleaned out to 446 ft. for this test. Casing test data: None  

MR. DUFFIELD REPORTED THE FOLLOWING:  
1. The 8 5/8" casing was gun perforated at 440' with four 1/2" holes for a test of shut-off.  
2. The well was bailed dry.  

ENGINEER BARGER NOTED THE FOLLOWING:  
1. No fluid entered the well while standing 3 hr. for test.  

THE SHUT-OFF IS APPROVED.
Report on Proposed Operations

No. P. 3-5/48

Santa Maria, Calif. March 10, 1949

Mr. George Sturgeon, Orcutt, Calif.

Agent for Thornbury Drilling Company

Dear Sir:

Your proposal to drill Well No. "Community" 3, Section 33, T. & N., R. 25 N., S. B. & M., E. 1/2 S. B. & M., Field, Santa Barbara County, dated Mar. 7, 1949, received Mar. 10, 1949, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Lease consists of 365 community acres of which this parcel is the "Catlin" of 34.09 acres.

*The well is 441 feet N., and 150 feet W. from intersection of E. Catlin boundary with center line of S.P.R.R. right-of-way.

*For location refer to application and map filed for Canfield No. 1 Catlin property description attached.

The elevation of the ground above sea level is 60 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 700 feet.

Well is to be drilled with rotary tools."

PROPOSAL:

"I propose to use the following strings of casing, either cementing or landing them as herein indicated:

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Weight, Lb. Per Foot</th>
<th>Grade and Type</th>
<th>Depth Landed or Cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>50</td>
<td>J-55</td>
<td>1600 C.P. on top of producing zone and cemented to surface.</td>
</tr>
<tr>
<td>8-5/8</td>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid of not less than 70 lb. per cubic foot shall be used in the drilling of the well and the column of mud fluid shall be maintained at all times to the surface, particularly while pulling the drill pipe.

2. Adequate blow-out prevention equipment shall be provided and ready for operation at all times.

3. The formations to be left back of the 8 5/8" casing shall be mudded in a satisfactory manner.

4. THIS DIVISION SHALL BE NOTIFIED TO WITNESS:

a test of the 8 5/8" shut-off.

Bond No. 963,063.

R. D. BUSH
State Oil and Gas Supervisor

By

Deputy
Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins.

Los Angeles, Division of Oil and Gas, March 7, 1949

DIVISION OF OIL AND GAS

Santa Maria, Santa Maria, California

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Community No. 3, Sec. 33, T. 4 N., R. 25 W., S.B. & M., Carpenteria Field, Santa Barbara County.

Lease consists of 365 community acres of which this parcel is the "Catlin" of 34.09 acres.

*The well is 411 feet N. 53° 54' and 150 feet N. 53° 54' W. from intersection of E. Catlin boundary with center line of S.P.R.R. right-of-way.

The elevation of the ground above sea level is 60 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 700 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

<table>
<thead>
<tr>
<th>Size of Casing, Inches</th>
<th>Weight, Lb. Per Foot</th>
<th>Grade and Type</th>
<th>Depth</th>
<th>Landed or Cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>50</td>
<td>Conductor</td>
<td>18</td>
<td>Cemented.</td>
</tr>
<tr>
<td>8-5/8</td>
<td>24</td>
<td>J 55</td>
<td>1600</td>
<td>C.P. on top</td>
</tr>
</tbody>
</table>

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address: 510 S. Spring St. Los Angeles, Calif.

Telephone number: Michigan 0894

TEORNBURY DRILLING CO.

(Name of Operator)

By

Address Notice to Division of Oil and Gas in District Where Well Is Located

For location refer to application and map filed for Canfield No. 1 Catlin property description attached.
Notice of Intention to Drill New Well
This notice must be given and surety bond filed before drilling begins

Los Angeles Division of Oil and Gas
March 7, 1949

RECEIVED
MAR 10 1949

DIVISION OF OIL AND GAS

Santa Maria

SANTA MARIA, CALIF.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Community No. 3", not sectionalized, but approx., Sec. 33, T. 4 N., R. 25 W., S.B. & M., Carpinteria Field, Santa Barbara County.

Lease consists of 365 community acres of which this parcel is the "Catlin" of 34.09 acres

*The well is 411 feet N. 1/4 and 150 feet E. 1/4 W. from intersection of E. Catlin boundary with center line of S.P.R.R. right-of-way.

The elevation of the ground above sea level is 60 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 700 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

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<thead>
<tr>
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<tr>
<td>16</td>
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<td>181</td>
<td>Cemented.</td>
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<td>24</td>
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<td>1600</td>
<td>C.P. on top</td>
</tr>
</tbody>
</table>

of producing zone and cemented to surface.

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 510 S. Spring St.
Los Angeles, Calif.

TEARBURY DRILLING CO.

(Name of Operator)

Telephone number Michigan 0894

Address Notice to Division of Oil and Gas in District Where Well is Located

For location refer to application and map filed for Canfield No. 1 Catlin property description attached.
CATLIN PROPERTY

Described as follows: - Book 438, Page 17, Official Records of Santa Barbara County, California;

Parcel 3

That part of El Rancho Rincon described as follows:
Beginning at a point in the Northern line of the right-of-way of the Southern Pacific Railroad Company distant South 73° 13' East 1352' from the point of intersection of said Northern line of said right-of-way with the Westerly line of El Rancho Rincon, said point being survey monument No. 7 according to a map made by A. W. Dozier entitled "Map made for P. C. Higgins Orchard Co. in El Rancho Rincon R. and T 4 N., R 25 W., S. B. M.", which said map was recorded in the office of the Recorder of Santa Barbara County on Oct. 13, 1914, in Book 7 of Maps and Surveys, page 98, and running thence North 1° 13' East 1592' to a point in the center of the County Highway which is North 1° 3' East 31.9' of survey monument No. 2, according to said map; thence South 68° 38' East along said center of said highway, 1025' to a point in the center of said County Highway which is distant 31.9' North 1° 13' East of survey monument No. 1, according to said map; thence South 1° 13' West 1505.1' to said Northern line of said right-of-way of said Southern Pacific Railroad Co. and being survey monument No. 6, according to said map; thence North 73° 13' West along said line of said right-of-way, 992.2' to the place of beginning, and containing 34.09 acres, and being Tract 3 according to said Map; EXCEPTING therefrom that part thereof heretofore conveyed for Highway purposes.