STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
ORDER NO. 895

BY
William F. Guerard, Jr.
STATE OIL AND GAS SUPERVISOR

DATED
August 16, 2000

H. H. & W. Oil Company (H0200)
Wells “Ann” 1 and “Pat” 1
Sections 30 & 31, Township 4N., Range 15W., S.B.B.&M.
Placreta Oil Field
Los Angeles County

No Bonds
To: H. H. & W. Oil Company
Los Angeles County

Regarding H. H. & W. Oil Company wells “Ann” 1 (037-12662) and “Pat” 1 (037-12663), Sections 30 & 31, Township 4N., Range 15W, S.B.B.&M., Los Angeles County, on lands owned or controlled by Los Angeles County:

The failure of an operator to file for any idle well the bond or fee required by Section 3206 of the Public Resources Code (PRC), or to provide for any idle well an escrow account or well-management plan in lieu of the bond or fee, is conclusive evidence of desertion of that well, permitting the State Oil and Gas Supervisor (Supervisor) to order that well plugged and abandoned. The Supervisor has determined that no bond, fee, escrow account or well-management plan has been filed for wells “Ann” 1 and “Pat” 1, and, therefore, has concluded that these wells are deserted and should be plugged and abandoned.

The Supervisor has determined from credible evidence that wells “Ann” 1 and “Pat” 1, are deserted under Section 3237 of the PRC because the operator has failed to perform required idle-well testing for 1998 and 1999. The Supervisor has also determined that these wells should be plugged and abandoned to protect life, health, and natural resources.

Therefore, acting pursuant to Sections 3224, 3226 and 3237 of the PRC, the Supervisor orders that all of the above-referenced wells be plugged and abandoned in accordance with Sections 3208, 3228, 3229 and 3230 of the PRC, Sections 1722 through 1724.1 and 1776 of Title 14 of the California Code of Regulations (CCR), and the requirements included on the Permits to Conduct Well Operations to be issued in accordance with Section 3229 of the PRC. If a Notice of Intention to Abandon Well (Form OG108) for each well is not filed within 15 days after service of this order and work is not started within 30 days after issuance of the Permits to Conduct Well Operations and continued expeditiously and in good faith until completion, the Supervisor may contract for performance of the work pursuant to state contracting procedures.
The costs of the plugging and abandonment, including a $2,010 service fee, shall constitute a lien against real or personal property of the operator of the wells pursuant to the provisions of Section 3423 of the PRC.

This order may be appealed to the Director of the Department of Conservation within ten (10) days of receipt by the operator, or by the owner of the property on which the wells are located (Sections 3225 and 3350 of the PRC). Upon receipt of an appeal, the Director will schedule a public hearing pursuant to Section 3351 of the PRC.

Failure to perform the work specified or appeal the order by the operator will lead to performance of the work by the Supervisor and his contractors. Failure to appeal the order by the owner of the land on which a well or wells are located will be deemed a consent by that landowner to entry upon that land by the Supervisor and his contractors to perform the work specified in this order with respect to those wells.

William F. Guerard, Jr.
State Oil and Gas Supervisor

by

Patrick J. Kinnear
Deputy Supervisor

Cert. mail rec. no.: 
H.H. & W. Oil Company
“Ann” 1
037-12662

7” 23# J-55 cem. 1909’
5-1/2” 20# J-55 Id. 1876-2158’. Slotted 1876’ to 2158’

TD 2355

Abandonment Requirements

1. Submit Notice to Abandon
2. Install Class II 1M BOPE.
3. Cleanout to 2185’.
4. Plug with cement from cleanout depth to at least 1776’, DOGGR to tag.
5. Fill hole with inert mud fluid having a minimum density of 72lbs./cu. ft
   and a minimum gel shear strength of 25lbs./100 sq. ft.
6. Cavity shot at 550’.
8. Place surface plug.
9. Cut all casing between 5-10 feet below surface. Cement all casing
   annulus if required. Weld steel plate on well.
10. Backfill and clean location.
11. Submit histories.
West Horton

Well quite come back to landlord long time ago

213-427-8871
REPORT OF PROPERTY AND WELL TRANSFER

Former Owner: Watkins and Norton, Inc.

Description and list of wells: Nos. "Ann" 1, Sec. 30; "Pat" 1 and "Schaeffer" 1, Sec. 31.

Sec. 30 & 31, T. 4 N., R. 15 W., S. B. B. & M., Placentia field,

New Owner: H. H. & V. Oil Co.
Address: 3316 Atlantic Ave., Long Beach 7

; date acquired: December 31, 1950

Request for designation of agent for Los Angeles County should be sent to:
Name: H. H. & V. Oil Co.
Address: (See above)

Reported by: H. H. & V. Oil Co., for both operators (Letter of February 22, 1951)
Confirmed by:

Type of organization: Partnership
(Individual, partnership, corporation, etc.)

Our records are being changed accordingly.

Remarks:

sb
CC: Mr. R. D. Rush (2)
M. Cooley

[Signature]
Deputy Supervisor

<table>
<thead>
<tr>
<th>INITIALS</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form 121</td>
<td>1-8</td>
</tr>
<tr>
<td>New Well Cards</td>
<td>1-8</td>
</tr>
<tr>
<td>Well Records</td>
<td>1-8</td>
</tr>
<tr>
<td>Logs</td>
<td>1-8</td>
</tr>
<tr>
<td>Production Reports</td>
<td>1-8</td>
</tr>
<tr>
<td>Form 148</td>
<td>1-8</td>
</tr>
<tr>
<td>Field Maps</td>
<td>63-110</td>
</tr>
<tr>
<td>Map Book</td>
<td>63-110</td>
</tr>
<tr>
<td>Notice to be NON-EXEMPT</td>
<td>3-6-51</td>
</tr>
</tbody>
</table>
Division of Oil and Gas  
1015 West Olympic Blvd.  
Los Angeles 15, Calif.

Gentlemen:

As of December 31, 1950, the Watkins & Horton Corporation was dissolved and the Company now operates under the name of H. H. & W. Oil Co., 3516 Atlantic Ave., Long Beach 7, Calif., With C. D. Howe, W. R. Horton, and R. B. Watkins as General Partners.

We would appreciate having your records changed accordingly, showing H. H. & W. Oil Co. as operator for Ann #1, Pat #1 and Schaeffer #1 wells in Placerita.

Yours very truly,

H. H. & W. Oil Co.

VH:gm  
By [Signature]
1015 West Olympic Blvd.,
Los Angeles 15, California.
January 25, 1957.

Watkins & Horton, Inc.
3525 Atlantic Avenue,
Long Beach 7, California.

Gentlemen:

In accordance with your letter of January 19, I am correcting my records to show that you have been the operator of well No. "Ann" 1, Sec. 20, T. 4 N., R. 15 W., S. E. 1/4 & N.,

vacant. Field, since actual drilling operations were started, instead of Houghton Oil Company.

Yours truly,

[Signature]

Deputy Supervisor.

cc - Mr. F. D. Bush
WATKINS & HORTON, INC.,
Oil Producers

3516 Atlantic Ave.,
Long Beach 7, California

January 19, 1950

Division of Oil & Gas
1015 W. Olympic Blvd.,
Los Angeles 15, Calif.

Gentlemen:

In reply to your letter of January 17, Watkins & Horton, Inc. had owned one-half interest in the Schaeffer #1 Well and on November 22 purchased the other one-half interest from M. Barratt and Ernest W. Bysshe, Jr.

The legal description is as follows - Commencing at the Northeast corner of Section 31, T. 4N., R. 15 W., of the S. B.B. & M.; thence South a distance of 792 feet; thence West a distance of 1551 feet to the true point of beginning; thence South a distance of 132 feet; thence West a distance of 33 feet; thence North a distance of 132 feet; thence East a distance of 33 feet to the true point of beginning.

In reply to your letter of January 13, - At the time the notice to drill the Ann #1 Well was filed, it was the intention of the parties interested in the Operations to form a separate Company but after due consideration the idea was dropped and Watkins & Horton, Inc. has been the owner from the beginning.

Yours very truly,

WATKINS & HORTON, INC.,

By /s/ R. B. Watkins

copy-1/25/50-my
1015 West Olympic Blvd.,
Los Angeles 15, California,
January 13, 1950.

Watkins & Horton, Inc.,
3516 Atlantic Avenue,
Long Beach 7, California.

Gentlemen:

In your letter of December 19 you informed me that your company now owns well No. "Ann" 1, Sec. 30, T. 4 N., R. 15 W., S. E. E. & N., Placerita field, notice to drill which well was filed by Houghton Oil Company.

Will you please inform me of the exact date or dates upon which Houghton Oil Company was dissolved and Watkins & Horton, Inc., came into possession of the well?

Yours truly,

[Signature]

Deputy Supervisor.

Note: Address reply to attention of Mr. C. L. Barton.
Division of Oil & Gas
1015 W. Olympic Avenue
Los Angeles, 15, California

Gentlemen:

Please refer to our letter of December 7, 1949 in which we asked that you change the name of the Pat #2 Well to Ann #1, on your records. At the same time we should have informed you that the Houghton Oil Co. is non-existent and the well is owned by Watkins & Horton, Inc., 3516 Atlantic Avenue, Long Beach, 7, California.

Yours very truly,

WATKINS & HORTON, Inc.

By [Signature]
REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Los Angeles 15, California, December 29, 1949

Houghton Oil Company,
3516 Atlantic Avenue,
Long Beach 7, California.

Gentlemen:

Your request dated December 7, 1949, relative to change in designation of well No. 9 in the Placerita field, District No. 1, has been received; and in accordance with Section 3203, Chapter 93, Statutes of 1939, reading in part as follows:

"* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Sec. 30, T. 4 N., R. 15 W., 3. B. B. & M.

Well No. "Pat" 2 will hereafter be known as your well No. "Ann" 1.

Yours truly,

R. D. Bush
State Oil and Gas Supervisor

By [Signature]
Deputy Supervisor
Division of Oil & Gas
1015 W. Olympic Blvd.
Los Angeles, 15, California

Gentlemen:

At the time of filing The Intention to Drill, the Houghton Oil Company well was designated as Pat #2. Later it was deemed advisable to name the well Ann #1.

If your records could be changed accordingly, we would appreciate it very much.

Very truly yours,

WATKINS & HORTON, INC.

By [Signature]

[Date]
**WELL SUMMARY REPORT**

Operator: Houghton Oil Company  
Field: Placerita

Well No.: Fat #2  
Elevation above sea level: 1643 feet  
All depth measurements taken from top of 7 ft., which is 1843 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, 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: December 6, 1949  
Signed:  
Title: President (President, Secretary or Agent)

Commenced drilling: 10/12/49  
Completed drilling: 10/31/49  
Drilling tools: Cable Rods  
Geological Markers: Top of Kraft zone: 1906

Total depth: 2255'  
Plugged depth: 2158'

Junk:

Commenced producing: 11/5/49  
Flowing/pumping:

<table>
<thead>
<tr>
<th>Clean Oil bbl. per day</th>
<th>Gravity</th>
<th>Per Cent Water containing emulsion</th>
<th>Gas Mcf. per day</th>
<th>Tubing Pressure</th>
<th>Casing Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial production</td>
<td>240</td>
<td>19.6</td>
<td>.02</td>
<td>10 lbs</td>
<td>None</td>
</tr>
<tr>
<td>Production after 30 days on pump</td>
<td>174</td>
<td>19.6</td>
<td>.02</td>
<td>--</td>
<td>27 lbs</td>
</tr>
</tbody>
</table>

**Casing Record (Present Hole)**

<table>
<thead>
<tr>
<th>Size of Casing (A, P-1)</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Samples or Lagwell</th>
<th>Grade of Casing</th>
<th>Size of Hole Drilled</th>
<th>Number of Sacks of Cement</th>
<th>Depth of Cementing through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>1909</td>
<td></td>
<td>23</td>
<td>New</td>
<td>5</td>
<td>J 55</td>
<td>10-5/8&quot;</td>
<td>300</td>
<td>Liner</td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td>2158</td>
<td>1876</td>
<td>20</td>
<td>New</td>
<td>5</td>
<td>J 55</td>
<td>7-5/8&quot;</td>
<td>--</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>5-1/2&quot;</td>
<td>2158 ft</td>
<td>1876 ft</td>
<td>100 Mesh</td>
<td>12</td>
<td>4&quot;</td>
<td>Slot</td>
</tr>
</tbody>
</table>

Electrical Log Depths: 2255 ft

(Attach Copy of Log)
History of Oil or Gas Well

Houghton Oil Co

Well No. Pat/ #2, Sec. 31, T.4N, R. 15 W., S.E., B. & M.

Date December 6, 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 sacks of cement used in the plugging, number of sacks 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 bridges were put in to test for water, state kind of material used, position and results of pumping or killing.

10/10 Set 14" Conductor pipe.
10/12 Spud-in with 10-5/8 Bit.
10/17 Twisted off Drill pipe @ 1141' - Recovered Fish.
10/22 Reduced hole @ 1856' to 7-5/8" - Added 50 bbls. of oil to mud system.
10/26 Ran Schlumberger Electric Log @ 2287'. - Ran Eastman Multiple Survey.
10/27 Ran and cemented 7" Casing @ 1909' using 300 sacks of cement - Baker whirl type shoe - Did not bump plug.
10/26 Found top of cement @ 1819' - Cleaned out to 1900' - Ran Johnson combination gun and tester - Shot 4 - 1/2" holes @ 1899' - Set packer @ 1861' - Tail @ 1882' - Opened tester @ 3:50 P.M. - Pulled tester loose @ 4:50 P.M. - Recovered 30' of light drilling fluid - Water shut-off test witnessed and approved by Division of Oil & Gas.
10/29 Drilled out cement and shoe 1909' - Ran on to bottom with 6-1/8" Bit - Drilling ahead to 2355'.
10/30 Ran Schlumberger Electric Log to 2355' - Ran Grant Undersreamer and opened 6-1/8" hole to 7-1/3" from 2287' to 2355' - made up 5-1/2" - 20 lbs., 12 Row, 100 mesh, 2-1-2" slots, liner. Set liner, bottom of liner 2355' - Top @ 1881' - Burns Hanger.
10/31 Washed liner with Cassell Washer using calcium chloride. Ran 2-1/2" tubing to 2248'. Pump shoe @ 1887'.
11/2 Pulled tubing. Pulled out 5-1/2" liner. - Plugged bottom of hole from 2344' to 2257' using 32 sacks of cement.
11/3 Ran 7-5/8" Grant Well Scraper to 2257', running 2-1/2" tubing to re-cement.
11/4 Pumped in 2nd plug thru tubing using 21 sacks of cement @ 2257'. Felt for plug after setting 8 hrs. Found top of plug at 2158'. Ran 5-1/2" liners, bottom @ 2158', top of liner at 1876'. Ran 2-1/2" tubing to 2043', Pump shoe @ 1914'.
11/5 Installing Xmas tree, swabbing. Well started flowing at 3:15 A.M., estimated 240 bbls. per day.
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off
(FORMATION TESTER)

Los Angeles 15, Calif. November 9, 1949

Mr. C. D. Howe
Long Beach, Calif.

Agent for HOUGHTON OIL COMPANY

Dear Sir:

Your well No. "Pat" 2 Sec. 30 T. 14 N. R. 15 W. S. B. B & M. Placerita Field, in Los Angeles County, was tested for water shut-off on October 28, 1949. Mr. M. Sampson, Inspector, designated by the supervisor, was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present C. Howe and E. Horton, Operators.

Shut-off data: 7 1/4 in. 23 lb. casing was cemented at 1906 ft. on October 27, 1949 in 10-5/8 in. hole with 300 sacks of cement of which 20 sacks was left in casing.

Casing record of well: 7" cem. 1906'; four 1/2" test holes 1899', W. S. O.

Present depth 2285 ft. Bridged with cement from 1906 ft. to 1900 ft. Cleaned out to 1900 ft. for test. A pressure of XXX lb. was applied to the inside of casing for XXX min. without loss after cleaning out to XXX ft. A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe tubing with XXX ft. of water-mud cushion, and packer set at 1861 ft. with tailpiece to 1882 ft. Tester valve, with 3/8 in. bean, was opened at 3:50 p.m. and remained open for 1 hr. and XXX min. During this interval there was a light blow for 1 min. and no blow thereafter.

THE INSPECTOR ARRIVED AT THE WELL AT 5:40 P.M. AND MR. HOWE REPORTED:
1. A 10-5/8" rotary hole was drilled from the surface to 1906'; a 7-5/8" rotary hole, 1906' - 2285'.
2. Electrical core readings showed the top of the objective zone at 1906'.
3. Cement was drilled out of the 7" casing from 1791' - 1900' (equivalent to 19 sacks), and the casing was cleaned out to 1900'.
4. The 7" casing was shot-perforated with four 1/2" holes at 1899' for this test.

THE INSPECTOR NOTED:
1. When the drill pipe was removed, 30 lb. of light drilling fluid was found in the drill pipe above the tester, equivalent to 0.2 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

The test was completed at 6:15 p.m.

THE WATER SHUT-OFF ABOVE THE PERFORATIONS AT 1899' IS APPROVED.

RNS: OH

cc - Company

R. D. BUSH, State Oil and Gas Supervisor

By: [Signature]
Deputy
Mr. R. B. Watkins
Long Beach, Calif.

Agent for Houghton Oil Company

Dear Sir:

Your proposal to drill Well No. "Pat" 2, Section 30, T.4 N., R.15 W., S.E. B. & M., Placerita Field, Los Angeles County, dated Oct. 10, 1949, received Oct. 11, 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:
"The well is 340.0 feet S. and 2177.17 feet W. from N.E. Corner of Sec. 31, Elevation of ground above sea level 1843.6 feet. All depth measurements taken from top of K. Bushing, which is 6 feet above ground. We estimate that the first productive oil or gas sand should be encountered at a depth of about 1800 feet."

PROPOSAL:
"We 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</th>
<th>Grade and Type</th>
<th>Depth</th>
<th>Landed or Cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>23</td>
<td>J-55</td>
<td>1830'</td>
<td>Cemented Perf. Combination String</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23</td>
<td>J-55</td>
<td>2080'</td>
<td>Cemented Perf. Combination String</td>
</tr>
</tbody>
</table>

Well is to be drilled with KELLY tools. It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:
The proposed casing program and method of drilling are approved provided that this division is notified to witness a test of the 7" water shut-off.

The proposed location, however, is not approved because it does not comply with the provisions of Section 3600 of the Public Resources Code relating to the spacing of wells, and does not qualify under any of the exceptions thereto.

R. D. Bush
State Oil and Gas Supervisor

By: [Signature]

cc: Company
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well
This notice must be given and surety bond filed before drilling begins

Long Beach, Calif. October 10, 1949

DIVISION OF OIL AND GAS
Los Angeles, 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. 2, Sec. 31, T. 4 N., R. 15 W., S.B. B. & M., Placerita Field, Los Angeles County.

Legal description of lease:
The well is located 46.8 feet N. or S., and 2778 feet E. or W. from N.E. Corner of Sec. 31

Elevation of ground above sea level 1845.4 feet.
All depth measurements taken from top of K. Bushings, which is 6 feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 1800 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>7&quot;</td>
<td>23</td>
<td>J-55</td>
<td>1830'</td>
<td>Cemented</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23</td>
<td>J-55</td>
<td>2080'</td>
<td>Perf. Combination String</td>
</tr>
</tbody>
</table>

Well is to be drilled with rotary cable tools.

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

Address
3516 Atlantic Avenue
Long Beach, 7, California
Telephone number 40-3475

HOUGHTON OIL COMPANY
(Name of Operator)
By

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED