RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REPORT OF PROPERTY AND WELL TRANSFER

Field or County: WILMINGTON		District: District 1 (Cypress, California)
Former owner: Cooper & Brain-Brea	C8200	Date: November 30, 2005

Well Name	API Number	Section Township Range
See Attached list	See Attached list	See Attached list

For complete list of wells see operator file (C8100) Cooper & Brain, Inc.

Description of the land upon which the well (s) is (are) located.
See attached

Date of transfer: 11/29/2005	New owner	Cooper & Brain, Inc. (C8100)	Type of organization: Corp.
	Address:	P.O. Box 1177 Wilmington, CA 90748	Telephone: (310) 834-4411
Reported by	OG30A received 8/26/2005 and signed by both parties. Remaining docs received 11/29/2005		
Confirmed by	Same as above		
New operator new status: PA	Designation of Agent: Ed Hanley, Agent		
Old operator new status: AB	Remarks: For further details see operator file (C8100) Cooper & Brain, Inc.		

OPERATOR STATUS ABBREVIATIONS
PA – Producing Active
NPA- No potential, Active
PI- Potential Inactive
NPI-No potential, Inactive
AB-Abandoned or No More Wells

Deputy Supervisor: R. K. Baker

Signature: Anne Anderle
Anne Anderle,
Operations Engineer

cc: Update; Envir Desk (2); File
Conservation Committee
Harold W. Bertholf, Inc.
L.A. County Assessors
WellStats-HQS, Sacramento
WellStats-Cypress, District 1

FORM AND RECORD CHECK LIST

Form or Record	Initials	Date	Form or Recbrd	Initials	Date
Form OGD121 Pdoy	CA	11-30-05	Map and Book		
Operator Card	CA	11-30-05	Notice cancellations N/A	CA	11-30-05
Well Records	12-1-05	CA	Bond Status BB/3-Ind.	CA	11-30-05
Log Records	CA	12-1-05	EDP	CA	12-1-05
Production Reports N/A	CA	11-30-05	Data Base Pdoy	CA	12-1-05

OGD156 12-2-98 Cypress

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or county	District
Wilmington	1
Former owner	**Date**
DECALTA INTERNATIONAL CORP.	May 16, 1990

Name and location of well(s)

"Watson A"	1	037-05053	Sec. 28-4S-13W	"Watson B"	1	037-05057	Sec. 28-4S-13W
"	2	" 05054	29-4S-13W	"	2	" 21534	28-4S-13W
"	3	" 05055	29-4S-13W	"	3	" 21658	28-4S-13W
"	4	" 04609	28-4S-13W	"	4	" 21659	28-4S-13W
"	5	" 23092	28-4S-13W	"	5	" 22256	28-4S-13W
"	6	" 23151	28-4S-13W	"	6	" 22676	28-4S-13W
"	8	" 05056	28-4S-13W	"	7	" 23366	28-4S-13W

Description of the land upon which the well(s) is (are) located

See above.

Date of transfer, sale, assignment, conveyance, or exchange	New owner	Type of organization
May 1, 1990	COOPER & BRAIN - BREA	Partnership
	Address 655 E. "D" Street WILMINGTON CA 90744	**Telephone No.** 213/834-4411

Reported by
OG30A dated May 2, 1990 signed by both parties.

Confirmed by
See above.

New operator new status (status abbreviation)	Request designation of agent
PA	Ed Hanley, P.O. Box 1177, WILMINGTON, CA 90748 on file 1-1-84.
Old operator new status (status abbreviation)	**Remarks**
Ab	See Operator File under Cooper & Brain - Brea for transfer details.

Deputy Supervisor	Signature
(For) R. K. Baker	David Sanchez, Operations Eng.

OPERATOR STATUS ABBREVIATIONS

- PA – Producing Active
- NPA – No Potential, Active
- PI – Potential Inactive
- NPI – No Potential, Inactive
- Ab – Abandoned or No More Wells

FORM AND RECORD CHECK LIST

Form or record	Initials	Date	Form or record	Initials	Date
Form OGD121			Map and book #128	gh	6-4-90
Form ODG148			Notice to be cancelled		
New well cards			Bond status DeCalta Cooper Brain	[illegible]	
Well records			EDP files	[illegible]	5-16-90
Electric logs					
Production reports					

EDP
Update
Conservation Committee
Dept Oil Properties
L. A. Assessor
Envir. Unit
Campbell-Taylor
File

OGD156 (11/82/DWRR/2M)

M 156

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or County: Torrance & Wilmington Fields — District: 1

Former Owner: U. S. Natural Resources, Inc. — Date: 2-20-73

Description of Property: Attached list.

List of Wells: Attached list.

Date of Transfer: December 1, 1972
New Owner: DECALTA INTERNATIONAL CORP.
Address: 630 Sixth Ave. S.W., 8th Floor
Calgary, Alberta, Canada
Telephone No. (403) 269-5551

Type of Organization: Corporation
Reported by: John P. Del Favero, U.S. Natural Resources, Inc., letter of 1-31-73
Confirmed by: A. H. Ross, Decalta International Corp., letter of 2-2-73
New Operator New Status: PA, Old Operator New Status: Ab
Request Designation of Agent: Yes — Remove Agent

Remarks:

ag
cc: H.Q.
Prod. Dept.
Conservation Committee
M. Jennison

W. L. Ingram
Deputy Supervisor

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Electric Logs		
Production Reports		
Map and Book		
Form 148		
Notice to be cancelled		
Bond status		

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells

Ownership File

40374-703 8-70 3M ⓘ GBP

List of wells transferred 12-1-72 from U. S. Natural Resources, Inc., to Decalta International Corp., in Torrance and Wilmington Fields.

	API No. 037
Torrance Field	
Sec. 5-4S-14W SB B&M	
"Redondo Improvement Co." 1	18044
"Simmons" 2, 11	18117, 18120
Sec. 6-4S-14W SB B&M	
"Atascadero" 1	18094
"Calmore" 2	18097
"Dumas-Brown" 1	18098
"Dumas-Lewis" 3	18112
"M. & W." 1	18114
"Simmons" 1, 12, 14, 15, 26	18116,18121,18122,18123,18124
"Suzy-Q" 1, 2, 5	18126,18127,18128
"P. W. Willett" 1	06483
Wilmington Field	
Sec. 28-4S-13W SB B&M	
"Gifford" 1	05052
"Watson A" 1, 4, 8	05053, 04609, 05056
"Watson B" 1	05057
Sec. 29-4S-13W SB B&M	
"Watson A" 2, 3	05054, 05055
Sec. 34-4S-13W SB B&M	
"Watson C" 1	05058
Sec. 35-4S-13W SB B&M	
No. 2600-1	05051

Name changed from U. S. NATURAL GAS CORPORATION to U. S. NATURAL RESOURCES, INC., effective November 1, 1968.

Form 156, 11-29-68. See letter in ownership file.

FORM 187

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

630 North La Brea Avenue
Inglewood, California 90302

May 21, 1965

Mr. Robert J. Fernandez
9401 Wilshire Boulevard
Beverly Hills, California
Agent for U. S. NATURAL GAS CORPORATION

DEAR SIR:

Your request dated May 17, 1965 — filed in "Watson A" 1, relative to change in designation of well(s) in Sec. 29 and 28, T. 4 S., R. 13 W., S.B. B. & M., Wilmington field, Los Angeles County, District No. 1, has been received;

and in accordance with Section 3203, Public Resources Code, 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:

Old Designation	New Designation
"Watson" 1	"Watson A" 1
"Watson" 2	"Watson A" 2
"Watson" 3	"Watson A" 3

ADB:cb
CC- Mr. E. R. Murray-Aaron
Prod. Dept.
Conservation Committee
Subsidence (DOG)

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By [signature]
Deputy Supervisor

△ BPO

FORM 156

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or County: Wilmington — District: 1

Former Owner: Bolsa Chica Oil Corporation — Date: August 28, 1962

Description of Property: (See below) S. B. B. & M.

List of Wells

Sec. 35-4S-13W	2600-1
Sec. 28-4S-13W	"Gifford" 1
Sec. 28-4S-13W	"Watson" 1
Sec. 29-4S-13W	"Watson" 2
	"Watson" 3
Sec. 28-4S-13W	"Watson A" 4
	"Watson A" 8
	"Watson B" 1
Sec. 34-4S-13W	"Watson C" 1

All of the above wells are active.

Date of Transfer: August 1, 1962
New Owner: U. S. Natural Gas Corporation
Address: 612 South Flower Street, Los Angeles 12, California

Telephone No. MA 9-2261

Type of Organization: Corporation
Reported by: W. S. Palletto for both operators (letter of August 23, 1962)
Confirmed by:
New Operator New Status: PA, Old Operator New Status: PA
Request designation of agent: Yes

Remarks: This is just a name change; there is no change in ownership.

ca

cc Mr. E. R. Murray-Aaron
Production Dept.
Conservation Comm.

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Electric Logs		
Production Reports		
Map and Book		
Form 148		
Notice to be cancelled		
Bond status		

Deputy Supervisor

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells

49120 9-61 5M ⑨ SPO

FORM 156

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or County: Wilmington — District: 1

Former Owner: Donald Frankel, Operator — Date: June 12, 1961

Description of Property: Sec. 28, 29, 34, 35 T. 4 S., R. 15 W., S. B. B. & M.

List of Wells: "Watson" 1, "Watson A" 4, "Watson A" 8, "Watson B" 1, "Gifford" 1, Sec. 28, "Watson" 2, "Watson" 3, Sec. 29, "Watson C" 1, Sec. 34, and 2600-1, Sec. 35.

("Watson" 2 is idle; other wells are active)

Date of Transfer: June 1, 1961
New Owner: Dolco China Oil Corporation
Address: 612 South Flower St., Los Angeles 17, Calif.

Telephone No.: MAdison 92261

Type of Organization: Corporation
Reported by: Donald Frankel for both operators (letters of June 1, 1961)
Confirmed by:
New Operator New Status: PA, Old Operator New Status: AB
Request designation of agent: No

Remarks:

cb
CC- Mr. E. H. Kunzer
Prod. Dept.
Conservation Committee
Subsidence (DCC)

Deputy Supervisor

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Electric Logs		
Production Reports		
Map and Book		
Form 148		
Notice to be cancelled		

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells
NOTE—If Transfer Does Not Change Overall Status Enter "No Change"

20242 5-60 5M (2) SPO

M 100

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SUBMIT IN DUPLICATE

DIVISION OF OIL AND GAS
RECEIVED
MAR 18 1957
LOS ANGELES, CALIFORNIA

17

Operator Donald Frankel, Operator Well No. "Watson" #3

Sec. 29, T. 4 S, R. 13 W, S.B. B. & M. Wilmington Field Los Angeles County.

Location 238.4' easterly along center line of Lomita Blvd. from the center line of Wilmington Ave. Hence northerly at right angles 170.0 to well center (Give location from property or section corner, or street center lines) Elevation of ground above sea level 40 feet.

All depth measurements taken from top of Kelley Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 10.5 feet above ground.

In compliance with Sec. 3215, of the Public Resources Code, 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 1, 1957 Signed Donald Frankel

(Engineer or Geologist) (Superintendent) Title Operator (President, Secretary or Agent)

Commenced drilling January 9, 1957

Completed drilling January 20, 1957

Total depth 3755 Plugged depth None

Junk None

GEOLOGICAL MARKERS	DEPTH

Geologic age at total depth:

Commenced producing 1/25/57 (Date) Flowing/gas lift/pumping (Cross out unnecessary words)

Name of producing zone Ranger

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production	105 (wash oil)	40.0	0.1	-	-	-
Production after 30 days	25	14.0	0.1	3	-	-

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
16"	44	14	Conductor						
7"	3655	10'	20#	New	Smls.	J-55	10 5/8"	800	-
5½"	3755	3628	17#	New	Smls.	J-55	8½"	-	-

PERFORATED CASING
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

3628-3630 - Baash Ross, Slipover, Drive down lead seal adapter
3630-3635 - Blank
3635-3651 - 60Mx2" slots - 4 rows - 48" Centers
3651-3755 - 60Mx2" slots - 16 rows - 6" centers

Electrical Log Depths 70'-3753' (Attach Copy of Log)

P649 12-55 34M SPO

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

91818 1-54 77,050 SPO

17

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Donald Frankel, Operator FIELD Wilmington

Well No. Watson #3, Sec. 29, T. 4 S, R. 13 W, S.B. B. & M.

Date March 1, 19 57 Signed

410 City Nat'l Bank Bldg.
Beverly Hills, Calif. Crestview 4-5384 Title Operator
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the *drilling and testing* of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
1/8/57	Moving in
1/9	Spudded in at 4:00 P.M. Drlg. 10 5/8" hole.
1/10	619' drlg. 10 5/8" hole at 8:00 A.M.
1/11	1372' " " " " "
1/12	2147' " " " " "
1/13	2623' " " " " "
1/14	2833' " " " " "
1/15	3153' " " " " "
1/16	3421' " " " " "
1/17	3655' " Ran E.L. at 3640', drilled ahead, ran and cemented 7" - 20# casing at 3655' with 800 sax including first 700 sax of Cretolite 2 to 1 mix with construction cement and last 100 sax neat cement; open shoe and float collar, centralizer on each of bottom 2 joints. Cement in place at 1:00 P.M. Standing cemented.
1/18	3658' Landed casing and drilled out. Ran J.F.T. for W.S.O., tools plugged. Cleaned out to bottom to retest.
1/19	3723' W.S.O., OK., packer 3636', tail 3653', open 1 hour. Had 610' of gassy, oily, drlg. fluid rise. Rise witnessed and test approved by D.O.G. Replaced hole fluid with 58# oil base mud, conventionally coring 6¼" hole.
1/20	3755' T.D. Cored 6¼" hole. Ran E.L., wallscraped hole to 8½" and ran 5½" liner on spear.

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

91818 1-54 77,050 SPO

17

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Donald Frankel, Operator FIELD Wilmington

Well No. Watson #3, Sec. 29, T. 4 S, R. 13 W, S.B. B. & M.

Date March 1, 1957 Signed

410 City Nat'l Bank Bldg.
Beverly Hills, Calif. Crestview 4-5384 Title Operator

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
1/21	3755' T.D. Replaced oil base mud with 23° crude oil. Using 2 power wagons and pumping down the casing, did a sand-pack-squeeze job with 18,000# of #6 Monterey sand and 297 barrels of 23° oil. Cleaned out gravel from 3138' to 3485'.
1/22	Claaned out gravel 3485'-3630', set lead seal slip over liner adapter, cleaned out gravel to bottom,-3755'. Backscuttled hole clean. Ran opposed swab cup washer.
1/23	Ran washer to bottom, changed 23° oil to 43° oil and washed liner. Ran 114 joints of 2 7/8" - J-55 - 8 rd. thrd. tubing. Landed tubing with bottom of 2½"x24' toplock gas anchor at 3625' K.B., pump shoe at 3596' K.B. Released rig at 7:00 P.M.
1/24	Moved rig out.
1/25	Using prod. equip., ran 2" pump on 3/4" rods, set in Axelson Hydraulic pumping unit and placed well on production.

17

FORM 101
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Donald Frankel, Operator Field Wilmington

Well No. Watson #3 Sec. 29, T. 4 S, R. 13 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
			Core #1		
3664	3683	19'	Cored	14'	
		½' -	Siltstone, gray brown, saturated with oil, firm, loose oil silt laminae		
		3' -	Oil sand, soft to mushy on bottom, richly saturated, abundance of coarse grains in very fine sand matrix.		
		3' -	Siltstone as above with abundance of shell fragments.		
		1' -	Oil sand, very fine grained, firm friable, rich saturation, tighter permeability than above.		
		1' -	Siltstone as last above with two 2" streaks of soft mushy oil sand.		
		5½' -	Siltstone as above with occasional 1"-2" streaks of firm, somewhat tight looking oil sand.		
		5' -	Lost		
			Core #2		
3683	3703	20'	Cored	14'	
		4½' -	Siltstone, gray brown, firm, massive, case shell fragments.		
		½' -	Siltstone as above, numerous slicks at 45° angle.		
		½' -	Oil sand, fine grained, firm friable, rich saturation.		
		3½' -	Siltstone, hard, dense, fractured and broken with occasional 45° slicks.		
		½' -	Oil sand as above.		
		1' -	Siltstone as last above		
		3' -	Siltstone, firm massive with numerous fine grained oil sand lenses (20% oil sand.)		
		½' -	Oil sand, fine grained, firm to friable, good saturation.		
		6' -	Lost.		
			Core #3		
3703	3723	20'	Cored	20'	
		½' -	Oil sand, firm, soft, fine grained matrix with abundance of coarse grains, rich saturation.		
		1' -	Siltstone massive, brown, firm, and barren.		
		1' -	Oil sand as above		
		1' -	Siltstone as above		
		4½' -	Oil sand as above		
		1' -	Siltstone as above		
		1' -	Oil sand as above		
		½' -	Siltstone as above		
		1' -	Oil sand as above		

FORM 101
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Donald Frankel, Operator Field Wilmington

Well No. Watson #3 Sec. 29, T. 4 S, R. 13 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
			Core #3 (continued)		
3703	3723	20	Cored	20'	
		3½' -	Siltstone as above		
		1½' -	Oil sand as above		
		½' -	Siltstone as above		
		2' -	Oil sand as above		
		1' -	Oil sand as above		
			Core #4		
3723	3743	20	Cored	8'	
		1' -	Siltstone as above		
		2' -	Oil sand as above		
		2' -	Siltstone as above		
		1' -	Oil sand as above		
		1' -	Siltstone as above		
		1' -	Oil sand as above		
		12' -	Lost		
			Core #5		
3743	3755	12	Cored	12'	
		1' -	Siltstone as last above		
		1' -	Oil sand very fine grained and silty, richly saturated with heavy oil.		
		10' -	Siltstone as last above with three - 3" streaks of fine grained oil sand 1', 3', and 4' down from the top.		

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

(FORMATION TESTER)

No. T 157-169

Mr. Donald Frankel
410 City National Bank Building
Beverly Hills, California
Agent for DONALD FRANKEL, OPERATOR

Los Angeles 15 Calif.
February 1, 1957

DEAR SIR:

Your well No. "Watson" 3, Sec. 29, T. 4 S, R. 13 W, S B B & M. Wilmington Field, in Los Angeles County, was tested for water shut-off on January 17, 1957. Mr. W. Polglase, Engineer, designated by the supervisor was present from 4:00 to 5:00 a.m. as prescribed by law; there were also present W. Payne, Engineer, J. Jones, Drilling Foreman.

Shut-off data: 7 in. 20 lb. casing was xx cemented xxxxx at 3655 ft. on January 17, 1957 in 10-5/8 in. hole with 800 xxxxxx sacks of cement (1st 700 sacks 2:1 Cretolite plus 4% Gel) calculated to fill behind casing to 1600 ft. below surface.

Casing record of well: 14" cem. 50'; 7" cem. 3655', W.S.O.

Present depth 3658 ft. cmt. bridge xxxx ft. to xxxx ft. Cleaned out cmt. 3609 ft. to 3658 ft. for test. A Johnston tester was run into the hole on 3-1/2 in. drill pipe-~~tubing~~xx with 30 ft. of ~~xxxxxxx~~ air cushion, and packer xx set at 3636 ft. with tailpiece to 3653 ft. Tester valve, with 3/4 in. bean, was open for 1 hr. and xxxx min. During this interval there was a ~~light to medium steady blow throughout the test.~~

Mr. Payne reported:

1. A 10-5/8" rotary hole was drilled from 50' to 3655'.
2. The 7" casing was cemented as noted above.
3. Cement was drilled out of the 7" casing from 3609' to 3658' (equivalent to 9 sacks), and the hole was cleaned out to 3658'.
4. A Johnston tester was run as noted above.

THE ENGINEER NOTED:

1. When the drill pipe was removed, 610' of gassy, oily, drilling fluid was found in the drill pipe above the tester, equivalent to 4.5 bbl.
2. There was no evidence of free water.
3. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 3655' IS APPROVED.

D/G

WP:OH

cc Long Beach

Mr W S Payne, Jr
3851 Long Beach Blvd
LONG BEACH 7 California

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy

39720 7-56 17M ® SPO

FORM 111 (1-49)

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P 156-1789

Mr. W S Payne, Jr
3851 Long Beach Boulevard
LONG BEACH 7 California
xxxxxx for DONALD FRANKEL, OPERATOR

Los Angeles 15 Calif.
December 28 19 56

121

DEAR SIR:

Your ..... proposal to drill Well No. "Watson" 3,

Section 29, T. 4 S, R 13 W, S B B. & M., Wilmington Field, Los Angeles County,

dated Dec. 20, 1956, received Dec. 24, 1956, 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
"Legal description of lease Southwest 60 acres of lot #7 of Maria Dolores Dominguez de Watson 3665.95 acre allotment of Rancho San Pedro.
Location of Well: 238.4' Easterly along cntr. line of Lomita Blvd. from the center line of Wilmington Ave. thence northerly at right angles 170.0' to well center
Elevation of ground above sea level 40 feet.
All depth measurements taken from top of K.B. which is 10 feet above ground."

PROPOSAL
"PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
11 3/4"	47#	J-55	15'	45'	Cmtd. Conductor
7"	20#	J-55	13'	3660'	600 Sax @ 3660'
5 1/2"	17#	J-55	3600'	3750'	Blank & Perf. Liner

Intended zone or zones of completion:

Name	Perforated Interval
Ranger	

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

DECISION
THE PROPOSAL IS APPROVED PROVIDED THAT

1. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
2. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
3. Sufficient cement shall be used to fill back of the 7" casing to a depth of 1600'.
4. THIS DIVISION SHALL BE NOTIFIED TO WITNESS a test of the effectiveness of the 7" shut-off.

Y/G

RGF:OH

cc Long Beach

E. H. MUSSER, State Oil and Gas Supervisor

Bond No. 30 L 8455 Dated 12-22-56.

By R. N. Walling, Deputy

FORM 105

037-05055

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

D

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

DE CALTA International Corp. Long Beach Calif. December 20 19 56

DIVISION OF OIL AND GAS

"WATSON A" 3

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. "Watson" #3, Sec. 29, T. 4S, R. 13W, S.B.B. & M., Wilmington Field, Los Angeles County.

Legal description of lease Southwest 60 acres of lot #7 of Maria Dolores Dominguez de Watson 3665.95 acre allotment of Rancho San Pedro.
(Attach map or plat to scale)

Location of Well: 238.4' Easterly along cntr. line of Lomita Blvd. from the center line of Wilmington Ave. thence northerly at right angles 170.0' to well center.
(Give exact footage from section corners or other legal subdivision or streets)

Elevation of ground above sea level 40 feet.

All depth measurements taken from top of K.B. which is 10 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
11 3/4"	47#	J-55	15'	45'	Cmtd. Conductor
7"	20#	J-55	13'	3660'	600 Sax @ 3660'
5 1/2"	17#	J-55	3600'	3750'	Blank & Perf. Liner

Intended zone or zones of completion:

NAME	PERFORATED INTERVAL
Ranger	

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
50 R4			301 8455 10. bond 12-27-56		

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

Address 3851 Long Beach Blvd., L.B.7 Donald Frankel, Operator
(Name of Operator)

Telephone Number Garfield 41412 By W.S. Payne, Jr.

Operating as an individual, W.S.Payne to eb over phone 12-26-56

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED