DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CHECK LIST – WellStats ORPHAN WELL ENTRY PROJECT

API# 03705788 Well Name/# 1 Operator R-K Drilling Co Inc.

PDOX	**Entry Date - July** and August 2003	**Initials -** Dave Curtis
WellStats	**Entry Date -** 7/27/05	**Initials -** CS
Map and Map Work	**Entry Date -** **Map #**	**Initials -**

- **Return Files(s) to Christina when Mapping is complete.**

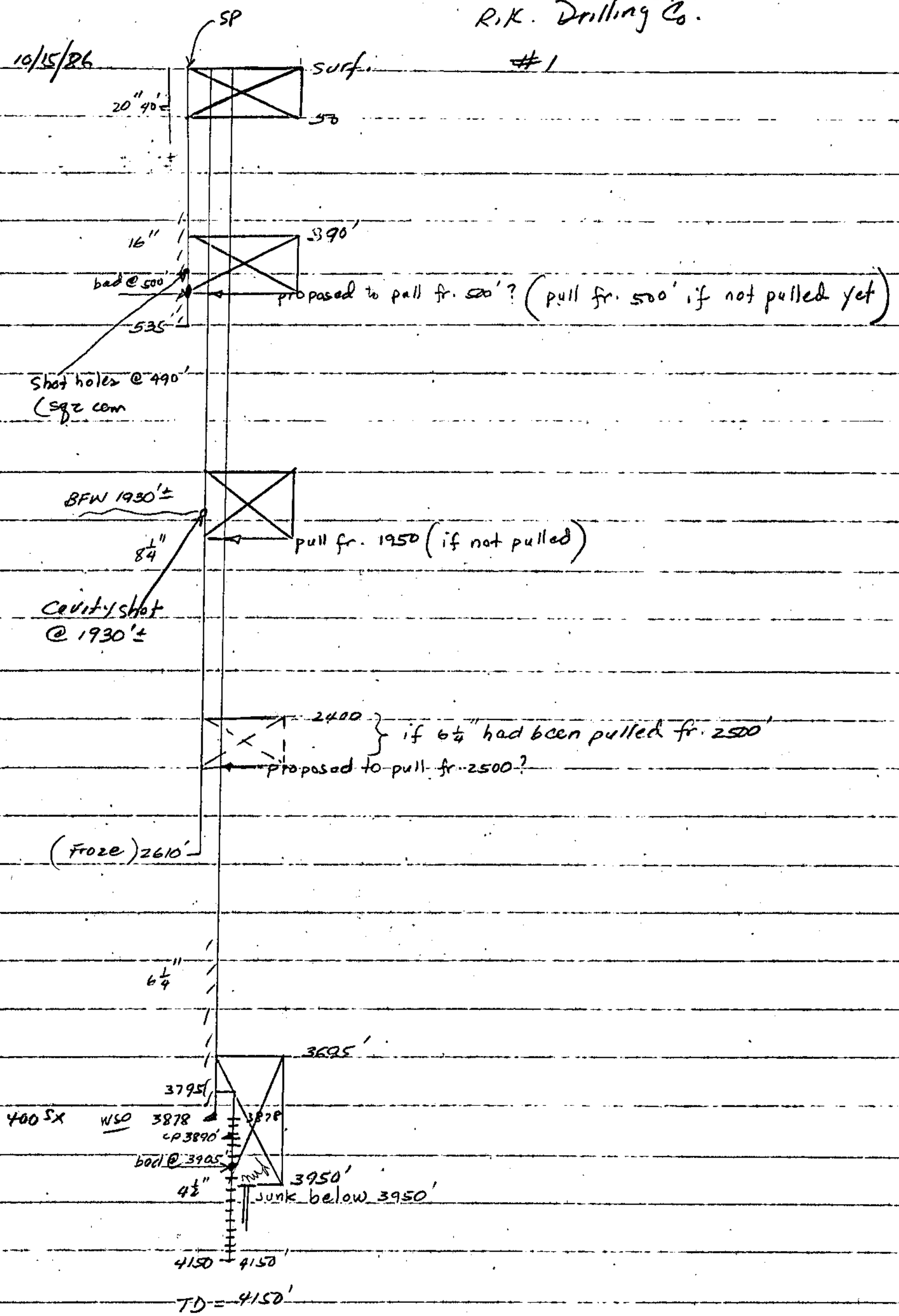
N/C
Map 126
12/27/10
SUC

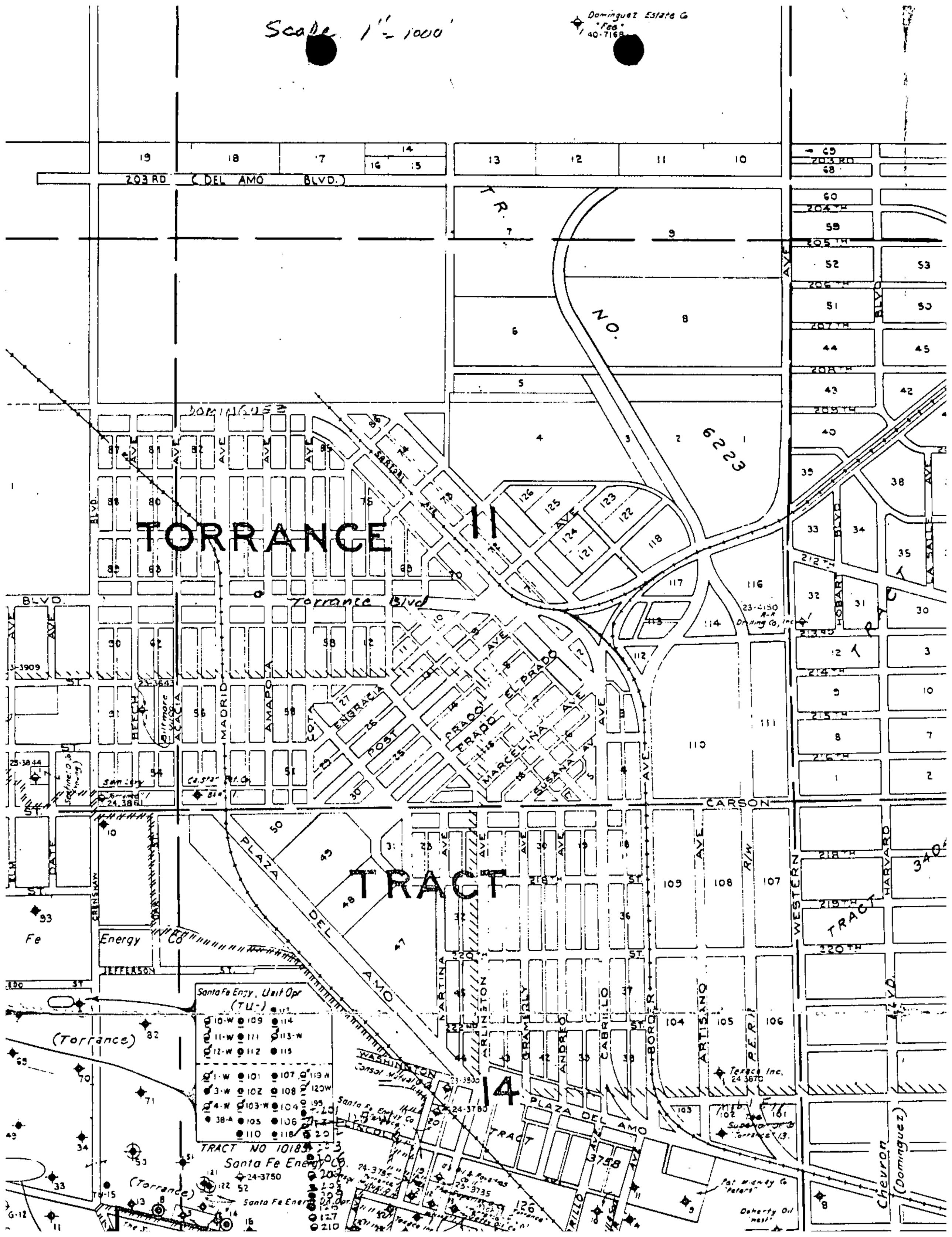
(07339)

R.K. Drilling Co.

#1

HD 10/15/86




Scale 1" = 1000'
Dominguez Estate Co "Fee" 40-7168
203 RD (DEL AMO BLVD.)
TORRANCE
TRACT
11
14
6223
Torrance Blvd
DOMINGUEZ
PLAZA DEL AMO
CARSON
WESTERN
Santa Fe Energy, Unit Opr (TU-)
TRACT NO 10185
Santa Fe Energy Co.
Energy Co
Fe
(Torrance)
Chevron (Dominguez)
Terrace Inc.
Pat Mahaney Co "Peters"
Doherty Oil "West"

MEMORANDUM OF ABANDONMENT.

R-K DRILLING COMPANY, INC. WELL No. 1, Sec. 12, 4-S, 14-W, TORRANCE FIELD.

Sept 14, 1926

This well is known to have been abandoned, but we have been unable to locate anybody connected with this Company and are therefore unable to obtain final reports. The well record has therefore been closed and the well marked abandoned on the map and the model.

E. Augustine
Deputy Supervisor

HVD:WW

cc-Mr. R. D. Bush

Reference to file of date

Maps	Model	Cross Section	Cards	Forms	
2E				114	
RJH	off				H

B 9/16/26

Form 100. 20280 7-22 15M

SUBMIT LOG IN DUPLICATE

Fill this blank in with typewriter. Write on one side of paper only

CALIFORNIA STATE MINING BUREAU
RECEIVED
FEB - 1 1924
Department of Petroleum and Gas
LOS ANGELES, CALIFORNIA.

CALIFORNIA STATE MINING BUREAU

FERRY BUILDING, SAN FRANCISCO

LOG OF OIL OR GAS WELL

FIELD Torrance COMPANY ~~R-K Drilling Company, formerly~~ R-K Drilling Peterson Barker Syndicate.

Township 4 S Range 14 W Section 12 Elevation 100' (aprox) Number of Well 1

In compliance with the provisions of Chapter 718, Statutes of 1915, as amended, 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.

Signed R. B. Rule

Date January 30, 1924

Title Sec't-R-K Drilling Co., Inc. (President, Secretary or Agent)
Agent - Peterson Barker Syndicate

The summary on this page is for the ORIGINAL condition of the well

OIL SANDS

1st sand from ____ to ____ 4th sand from ____ to ____
2d sand from ____ to ____ 5th sand from ____ to ____
3d sand from ____ to ____ 6th sand from ____ to ____

IMPORTANT WATER SANDS

1st sand from ____ to ____ 3d sand from ____ to ____
2d sand from ____ to ____ 4th sand from ____ to ____

CASING RECORD

Size of Casing	Where Landed	Where Cut	Weight Per Foot	Threads Per Inch	Kind of Shoe	Make of Casing	Cemented Yes	Cemented No	Number of Sacks
16"	535		Stovepipe				Yes		
8¼	2610		36#					No	froze
6¼	3878		26#				Yes		400
4⅝	4150								liner landed

CEMENTING OR OTHER SHUT-OFF RECORD

Casing, Size	Sacks	Time Set	Method	Test and Result (Give water level and bailing results)
6¼	400	14 days	Perkins	100' raise in 6¼" casing in 16 hours

PLUGS AND ADAPTERS

Heaving Plug—Material ____ Length ____ Where set ____

Adapters —Material ____ Size ____

TOOLS

Rotary Tools were used from 0 ft. to 4150 ft.

Cable Tools were used from ____ ft. to ____ ft.

PERFORATIONS

State clearly whether a machine was used or casing was drilled in shop

From	To	Size of Holes	Number of Rows	Holes Per Foot	Machine—Shop
3890' ft.	4150 ft.				Torch slotted liner
ft.	ft.				
ft.	ft.				
ft.	ft.				

Thirty days after completion well produced 50 barrels of oil per day.

The gravity of oil was 14.4° degrees Baumé. Water in oil amounted to 26.0 per cent.

NAMES OF DRILLERS

A. Freeman - R. B. Livesay

E. Hiles - Oscar La Shell

H. S. Ogden - J. Swain and others

NAMES OF TOOL DRESSERS

Date drilling started March 22, 1923

Date well was completed September 12, 1923 (First attempt made for production this date

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
0	110	110	Surface sand
110	150	40	Sand
150	210	60	Shale with streaks of sand
210	250	40	Clay
250	350	100	Clay and gravel
350	410	60	Surface sand and gravel
410	493	83	Sand
493	535	42	Sand and boulders
535	810	275	Sand and gravel
810	1075	265	Sandy shale and boulders
1075	1110	35	Sandy shale
1110	1125	15	Hard sandy shale
1125	1130	5	Hard sand
1130	1670	540	Sandy shale, streaks of hard sand
1670	1715	45	Sandy shale and boulders
1715	1810	95	Sandy shale, streaks of hard sand
1810	1830	20	Sandy shale
1830	1855	25	Sandy shale, streaks of sand
1855	1875	20	Hard sand
1875	1925	50	Sandy shale
1925	1970	45	Hard sandy shale
1970	1995	25	Sandy shale, streaks of sand
1995	2025	30	Sandy shale
2025	2030	5	Hard sand
2030	2050	20	Hard sandy shale
2050	2070	20	Sandy shale, streaks of hard sand
2070	2080	10	Sandy shale
2080	2085	5	Sticky shale
2085	2090	5	Hard sandy shale
2090	2095	5	Shale
2095	2135	40	Sandy shale, streaks of hard sand
2135	2200	65	Hard sandy shale
2200	2220	20	Sandy shale and boulders
2220	2225	5	Boulders
2225	2395	170	Sandy shale
2395	2435	40	Hard shale
2435	2495	60	Sandy shale
2495	2528	33	Hard sandy shale
2528	2541	13	Sandy shale
2541	2565	24	Sandy shale
2565	2581	16	Brown shale
2581	2588	7	Shale
2588	2591	3	Hard sand
2591	2613	22	Sandy brown shale
2613	2628	15	Boulders
2628	2652	24	Sandy shale, hard streaks
2652	2677	25	Sandy brown shale
2677	2699	22	Boulders
2699	2721	22	Tough sandy shale
2721	2726	5	Sandy shale
2726	2727	1	Hard sand

Form 101. 22820 12-22 5M

CALIFORNIA STATE MINING BUREAU

LOG OF OIL OR GAS WELL—Continued

FIELD Torrance COMPANY ~~R-K Drilling Company, Inc.~~ Peterson Barker Syndicate

Township 4 S *Range* 14 W *Section* 12 *Number of well* 1

Sheet #2.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
2727	2740	13	Boulders
2740	2770	30	Sandy shale
2770	2772	2	Hard sand
2772	2795	23	Sandy shale, streaks of shell
2795	2807	12	Sandy shale
2807	2811	4	Hard sandy shale, boulders
2811	2839	28	Tough sandy shale
2839	2845	6	Sandy shale
2845	2856	11	Hard sand
2856	2878	22	Sandy shale, boulders
2878	2885	7	Sandy shale, shell
2885	2900	15	Sandy shale
2900	2915	15	Hard sand
2915	2925	10	Tough shale
2925	2945	20	Sticky shale
2945	2957	12	Hard sandy shale
2957	2965	8	Sandy shale
2965	2982	17	Sticky shale
2982	2992	10	Sandy shale
2992	3003	11	Sticky shale
3003	3003		Shell
3003	3014	11	Sandy shale, hard streaks
3014	3022	8	Sandy shale
3022	3024	2	Shell
3024	3035	11	Shale
3035	3037	2	Sticky shale
3037	3039	2	Boulders
3039	3042	3	Hard shale, boulders
3042	3080	38	Sandy shale
3080	3082	2	Boulders
3082	3085	3	Shell
3085	3088	3	Hard shale
3088	3104	16	Sandy shale
3104	3112	8	Hard sand
3112	3120	8	Hard sandy shale and boulders
3120	3125	5	Hard sand
3125	3145	20	Sandy shale
3145	3146	1	Hard sand
3146	3151	5	Hard sandy shale
3151	3156	5	Hard shale, boulders
3156	3181	25	Sandy shale
3181	3182	1	Shell
3182	3188	6	Hard sandy shale
3188	3195	7	Sandy shale
3195	3198	3	Sticky shale
3198	3200	2	Shell
3200	3205	5	Shale boulders
3205	3209	4	Hard sand
3209	3222	13	Sandy shale
3222	3232	10	Sticky shale
3232	3237	5	Hard shale
3237	3270	33	Sticky shale

Form 101. 22820 12-22 5M

CALIFORNIA STATE MINING BUREAU

LOG OF OIL OR GAS WELL—Continued

FIELD Torrance COMPANY ~~R-K Drilling Company, Inc.~~ Peterson Barker Syndicate,

Township 4 S *Range* 14 W *Section* 12 *Number of well* 1

Sheet 3. **FORMATIONS PENETRATED BY WELL**

DEPTH TO. Top of Formation	DEPTH TO. Bottom of Formation	Thickness	Name of Formation
3270	3285	15	Sandy shale
3285	3300	15	Sticky shale
3300	3309	9	Hard shale
3309	3356	47	Sticky shale
3356	3370	14	Sand
3370	3380	10	Brown shale
3380	3390	10	Sandy shale
3390	3399	9	Sticky shale
3399	3400	1	Shell
3400	3402	2	Sandy shale
3402	3410	8	Sticky shale
3410	3440	30	Sandy shale
3440	3442	2	Shell
3442	3459	17	Sandy shale, hard streaks
3459	3469	10	Sandy shale
3469	3485	16	Sandy shale, hard sand
3485	3530	45	Sandy shale
3530	3534	4	Hard sand
3534	3546	12	Hard sandy shale, sand
3546	3565	19	Hard sandy shale
3565	3572	7	Hard sand and shell
3572	3573	1	Shell
3573	3577	4	Hard sand
3577	3584	7	Hard gray sand
3584	3589	5	Hard sand
3589	3596	7	Hard sandy shale
3596	3600	4	Sandy shale
3600	3604	4	Hard sand
3604	3606	2	Shell
3606	3608	2	Hard gray sand
3608	3609	1	Shell
3609	3612	3	Hard sand
3612	3615	3	Hard sand and shell
3615	3616	1	Shell and sand
3616	3618	2	Hard sand
3618	3626	8	Sandy shale
3626	3635	9	Hard sand
3635	3638	3	Hard sandy shale
3638	3654	16	Sandy shale, hard sand
3654	3659	5	Sandy shale
3659	3665	6	Hard sand
3665	3668	3	Hard sandy shale, streaks of hard sand
3668	3686	18	Sandy shale
3686	3699	13	Hard sandy shale, streaks of hard sand
3699	3711	12	Hard sand
3711	3718	7	Sandy shale
3718	3719	1	Hard sand
3719	3735	16	Hard sandy shale
3735	3737	2	Hard sand
3737	3754	17	Sandy shale
3754	3765	11	Sticky shale

Form 101. 22820 12-22 5M

CALIFORNIA STATE MINING BUREAU

LOG OF OIL OR GAS WELL—Continued

FIELD Torrance COMPANY ~~R-K Drilling Company, Inc.~~ Peterson Barker Syndicate,

Township 4 S *Range* 14 W *Section* 12 *Number of well* 1

Sheet 4. **FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
3765	3770	5	Hard sand, streaks of shale
3770	3775	5	Hard sand
3775	3798	23	Sandy shale, streaks of hard sand
3798	3803	5	Sandy shale
3803	3813	10	Sticky shale
3813	3815	2	Hard sand
3815	3820	5	Sand
3820	3825	5	Sandy shale
3825	3835	10	Sticky shale
3835	3851	16	Dark blue sticky shale
3851	3881	30	Sticky shale
3881	3889	8	Sandy shale
3889	3891	2	Shell
3891	3899	8	Sticky shale
3899	3910	11	Sandy shale
3910	3930	20	Sticky shale
3930	3946	16	Sandy shale
3946	3956	10	Sticky shale
3956	3961	5	Sandy shale
3961	3962	1	Sticky shale
3962	3965	3	Sandy shale - showing oil (Core)
3965	3980	15	Sandy shale - showing oil (Core)
3980	3995	15	Sticky shale
3995	4006	11	Sandy shale - showing oil
4006	4032	26	Sticky shale
4032	4052	20	Sandy shale - showing oil (Core)
4052	4086	34	Sticky shale
4086	4088	2	Hard sand - showing oil (Core)
4088	4090	2	Sandy shale - showing oil
4090	4095	5	Sand - showing oil (Core)
4095	4107	12	Sticky shale
4107	4108	1	Hard sand - showing oil
4108	4114	6	Sticky shale
4114	4115	1	Sandy shale - showing oil (Core)
4115	4126	11	Sand - showing oil (Core)
4126	4144	18	Sandy shale - showing oil (Core)
4144	4150	6	Sticky shale

Form 103. 6415 10-20 10M

CALIFORNIA STATE MINING BUREAU

HISTORY OF OIL OR GAS WELL

FIELD Torrence COMPANY ~~R-K Drilling Co., Inc.~~ Peterson Barker Syndicate.

Township 4 S *Range* 14 W *Section* 12 *Number of well* 1

Signed R. B. Rule
(President, Secretary or Agent)

Sec'y of R-K Drilling Co.

Date January 30, 1924. Title ~~Agent-Peterson Barker Synd.~~

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and, if any casing was "sidetracked" or left in the well, give its size and location. If the well has been 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 bailing.

The well was drilled in the regular manner from top to bottom with rotary tools with the following exceptions:

20' of 10" casing, 40' of 6" drill pipe and drill collar and bit were sidetracked at 2505' with the use of four shots.

When drilling at 3880' stovepipe went bad at approximately 500'. Swedged out same and started to run 8¼" casing for water string. 8¼" froze at 2610'. Landed and cemented 6¼" at 3878. Water shutoff O. K.

Encountered first oil showings at 3965' and drilled to 4150' and landed 355' of 4½" liner. Slotted from 3890 to 4150'. Swabbed well. Well wet. Set packer on tubing at the top of the liner to test 6¼" casing. No change. Well still wet. 6¼" casing O. K. Cemented through perforations at 3890'. Well still wet. Perforated casing 3878' to 3890' and recemented. Well still wet. Well again recemented down to 3940'. Still wet - cement did not set. Filled liner with sand and washed out sand in stages. Formation took water between 3945' and 3955 and between 3960' and 3965. Well recemented - cement heaved up into tubing and did not set. All recementing done by Perkin's through tubing. Put on production. Made approximately 50 barrels of oil of 14.4° Be and 26.0% cut and 200 barrels of water per day. Left 10 joints of tubing in the hole. Top of tubing - 3950'. Liner bad at 3905'.

4150
355
3795

CALIFORNIA STATE MINING BUREAU

DEPARTMENT OF PETROLEUM AND GAS

Special Report on Operations Witnessed

No. T -1-6313

Los Angeles Cal. Feb. 28, 19 24

Mr. R. B. Rule

Long Beach Cal.

SECRETARY ~~Agent~~ for R-K. DRILLING COMPANY, INC. ~~Company~~

DEAR SIR:

Operations at your well No. 1, Section 12, T. 4-S. R. 14-W. S.B. B. & M.

Torrance Oil Field, in Los Angeles County, were witnessed by

V. O. Peet, representative of the supervisor,

on Feb. 12, 19 24 There were also present R. B. Rule-Engineer and C. B. Bushoger-Driller.

Casing Record 16" S.P. 535'; 8¼" froze 2610'; 6¼" cemented 3878'; W.S.O.; 4½" liner from 3795' to 4150'; cemented through perforations at 3890'; Bottom 4150'. Junk; see below.

The operations were performed for the purpose of testing the effectiveness of the mudding of the formations between 3878' and 4150'.

and the data and conclusions are as follows:

JUNK:

20' of 10" casing and 40' of 6" drill pipe with stem and bit at 2505', shot four times.
10 joints of 2⅞" tubing in hole-Top of tubing at 3950'.

MR. RULE REPORTED THE FOLLOWING:

1. 3944' of 2⅞" tubing was hanging in the hole.
2. The hole was mudded under a 150# pressure for 16 hr. prior to the test resulting in a loss of mud fluid from the pit of 18.6 bbl. during the first 12 hr. and no loss during the last 4 hr.

THE INSPECTOR WITNESSED THE FOLLOWING:

No mud fluid was lost from the pit during a 30 minute test under 150# pump pressure.

THE MUDDING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

cc--R.-K. Drilling Co. Inc.

R. D. BUSH

R. E. COLLOM,

State Oil and Gas Supervisor

By [signature] Deputy

VCP:LAS

Form 100-a. 26709 6-23 5M

CALIFORNIA STATE MINING BUREAU
DEPARTMENT OF PETROLEUM AND GAS

Report on Proposed Operations

No. P-B-7880

Los Angeles Cal Feb. 4, 1924

Mr. R. B. Rulo

Long Beach Cal.

SECRETARY ~~XXXX~~ Agent for R. K. DRILLING Company INCORPORATED

DEAR SIR:

Your proposal to abandon Well No. 1, Section 12 T. 4-S. R. 14-W. S.B. B. & M.

Torrance Oil Field Los Angeles County, dated Jan. 30, 1924

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: Total depth 4150'.
Casing as shown in the notice. 6¾" shut-off was approved by this Department (T-1-5293)
The 4⅓" liner was cemented through perforations at 3890'- water reported not shut off.
The 4⅓" liner is all perforated.
Junk: 20' of 10" casing and 40' of 6" drill pipe with stem and bit at 2505', all of which was shot four times with 300# of dynamite.
The well was completed as above on Sept. 12, 1923, and produced for a short time at the daily rate of about 50 bbl. of oil cutting 26.0% and 200 bbl. of free water.
The source of the water entering the well is unknown, but is probably from some point below the 6¾" shoe.

THE NOTICE STATES:
"The present condition of the well is as follows:
535' - 16 " Stove Pipe
2610' - 8½" Casing.
3878 - 6¾" "
355' - 4⅓" liner at 4150'
10 joints of 2⅜" tubing in hole - top - 3950'.
Liner bad at 3905'."

Recommendations

PROPOSAL:
"The proposed work is as follows:
Circulate mud fluid with tubing down to 3950' and put approximately 100# pump pressure on formation. Then pump in 10 sacks of cement through tubing and force same out into formation under 500# to 700# pressure; then wash out with mud all cement above 3878' and pull tubing well out of liner. Allow cement to set under pressure.
Rip 6¾" at 2500' and pull 2500' of 6¾".
Rip 8½" at 500' and pull 500' of 8½"."

RECOMMENDATION:
The proposal is approved with the recommendation that the proposed pressure mudding shall be continued until the loss of mud fluid is not greater than 1 bbl. per hr.

Kindly notify this Department to witness the pressure mudding outlined above after the loss has been reduced to the required amount.

R. D. BUSH
~~R. E. COLLOM~~
State Oil and Gas Supervisor

By Lee Thomas Deputy

cc--R. K. Drilling Company Inc.

Form 111. 26711 6-23 10M

HVD:LAS

Form 108. 36129—2-5-16—10M

CALIFORNIA STATE MINING BUREAU

Department of Petroleum and Gas

CALIFORNIA STATE MINING BUREAU
RECEIVED
FEB - 1 1924
Department of Petroleum and Gas
LOS ANGELES, CALIFORNIA.

Notice of Intention to Abandon Well

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

Long Beach, Cal. Jan. 30 1924

Mr. C. C. Thoms,
Deputy State Oil and Gas Supervisor
Los Angeles, Cal.

DEAR SIR:

In compliance with Section 16, Chapter 718, Statutes of 1915, notice is hereby given that it is our intention to abandon well number 1 Section 12 T. 4 S R. 14 W, S. B. B. & M., Torrance Oil Field Los Angeles County, commencing work on the or about the 5th day of February 1924

The present condition of the well is as follows:

535' - 16" Stove Pipe
2610' - 8¼" Casing
3878' - 6¼" "
355' - 4½ Liner at 4150'

10 joints of 2½" tubing in hole - top - 3950'.
Liner bad at 3905'.

The proposed work is as follows: Circulate mud fluid with tubing down to 3950' and put approximately 100# pump pressure on formation. Then pump in 10 sacks of cement through tubing and force same out into formation under 500# to 700# pressure; then wash out with mud all cement above 3878' and pull tubing well out of liner. Allow cement to set under pressure.
Rip 6¼" at 2500' and pull 2500' of 6¼".
Rip 8¼" at 500' and pull 500' of 8¼".

Reference to file of data

Model	Cross Section	Cards	Forms 114	Forms 131
			✓	✓

Respectfully yours,

~~Petroleum Engineer, Superintendent~~
~~R-K DRILLING COMPANY, Inc.~~
(Name of Company or Operator)

By R. B. Rule
Secretary.

Address notice to Deputy State Oil and Gas Supervisor in charge of district where well is located

CALIFORNIA STATE MINING BUREAU

DEPARTMENT OF PETROLEUM AND GAS

Report on Test of Water Shut-off

(BAILING)

No. T-1-5293

Los Angeles, Cal. September 24, 19 23.

Mr. R. B. Rule,

Los Angeles, Cal.

Agent for PETERSON-BARKER SYNDICATE xxxxx Company

DEAR SIR:

Your well No. 1, Section 12, T. 4 S., R. 14 W., S.B. B. & M., Torrance Oil Field, in Los Angeles County, was tested for shut-off of water on August 27, 19 23. (Time and date) Mr. A. J. Mason, designated by the supervisor, was present as prescribed in Section 19, Chapter 718, Statutes 1915, as amended, and there were also present R. D. Rhoads, superintendent, and H. S. Odgen, driller.

Location of water tested above 3878 and normal fluid level —

Depth and manner of water shut-off: { 3878 ft. of 6¼ in. 28 lb. / ft. of in. lb. } casing was { ~~8-9-23~~ ~~xxxxx~~ landed } in sticky shale (Formation)

at 3878 ft. with 400 sacks Santa Cruz cement by Perkins method; 15" rotary (Size and kind) tools were used in landing water string.

Casing record of well 16" S.P. at 535'; 8¼" froze 2610'; 6¼" as above. Junk: 20' of 10" casing and 40' of 6" drill pipe with stem and bit at 2505', all of which was shot 4 times with 300# of dynamite.

Reported total depth of hole 3884 ft. Hole bridged from — ft. to — ft. Hole cleaned out to 3884 ft. for this test.

At time of test depth of hole measured 3885 ft. and bailer brought up sample of sandy brown shale

At 12:30 a.m. August 27, 1923, (Time and date) oil bailed to — ft., water bailed to 2200 ft.

At 4:30 p.m. August 27, 1923, (Time and date) top of oil found at — ft., top of water found at 2100 ft.

Result of bailing test:

MR. RHOADS REPORTED AS FOLLOWS:

1. A water sand was encountered at about 2100' which carried gas. During the entire drilling operation the hole never made mud.
2. No fluid entered the well when bailed to 1000' and allowed to stand 48 hr. for a casing test.
3. The top of the hard cement was found 1255' above the 6¼" shoe.

THE INSPECTOR NOTED THE FOLLOWING:

1. 100' of fluid entered the well in 16 hr. (equivalent to 4.9 bbl. per 24 hr.).
2. The samples of sandy-brown shale from the bottom of the hole showed no trace of oil when tested with ether.

THE SHUT-OFF IS APPROVED.

1/28/24 R. B. Rule:-
want to abandon by
1. Mud bottom of hole under packer
2. Leave 10" conductor to surface
3. Use to water flooding
4. Will file log and history and notice as above at once
OK to start work

R. D. GOLIKOM
State Oil and Gas Supervisor

By ..... Deputy

CC: Company

Form 109-b. 26710 6-23 5M

AJM:EH

Form 106. 11875 6-21 5M

CALIFORNIA STATE MINING BUREAU

Department of Petroleum and Gas

STATE MINING BUREAU
RECEIVED
AUG 14 1923
LOS ANGELES OFFICE

Notice of Test of Water Shut-off

This notice must be given at least five days before the test, and a longer time is desirable

Long Beach, Cal. August 13, 1923

Mr. C. C. Thoms,
Deputy State Oil and Gas Supervisor
Los Angeles, Cal.

DEAR SIR:

In compliance with Section 19, Chapter 718, Statutes of 1915, notice is hereby given that it is our intention to test the shut-off of water in well number 1 Section 12 T. 4 S. R. 14 W., B. & M., Torrance Oil Field, Los Angeles County, on the 25th day of August 1923

6¼ inch 26 lb. casing was cemented in Sticky shale (Formation) at 3882 (Depth)

on August (Date) 1923

400 sacks of cement were used. Santa Cruz Brand.

The Perkins - (no chemical added) method was used in placing the cement.

Fluid level will be bailed to a depth of 2000 feet and left undisturbed for at least 12 hours before your inspection.

The well is 3882' feet deep. There is not a plug or bridge from -- feet to -- feet

3878
Correct measurement obtained from R D Rhoads on the field aug 27 ja

Reference to file of data

Maps	Model	Core section	Cards	Forms 114	Forms 121
✓	SAM 8-22			✓	✓

Respectfully yours,

PETERSON-BARKER SYNDICATE
(Name of Company or Operator)

By R. B. Rule
Petroleum Eng.

Address notice to Deputy State Oil and Gas Supervisor in charge of district where well is located

CALIFORNIA STATE MINING BUREAU

DEPARTMENT OF PETROLEUM AND GAS

Report on Proposed Operations

No. P-1-5829.

Los Angeles, Cal. April 21, 1923.

Mr. Frank Peterson,

Los Angeles, Cal.

Agent for PETERSON-BARKER SYNDICATE ~~Company~~

DEAR SIR:

Your proposal to drill Well No. 1, Section 12, T. 4S., R. 14W., S.B. B. & M. Terrance Oil Field Los Angeles County, dated March 17, 1923, has been examined in conjunction with records filed in this office.

Received April 6, 1923.

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

THE NOTICE STATES:

"The well is 86.2 feet N. and 105.8 feet E. from the intersection of center lines of Western Ave. & 213th St.
The elevation of the derrick floor above sea level is 100' (Approx). U.S.G.S.Contour.
We estimate that productive oil or gas formation should be encountered at a depth of about unknown feet, more or less."

PROPOSAL:

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

Size of Casing	Weight per Foot	New or Second Hand	Depth	Landed or Cemented
15½	Screw casing		500	Cemented
10"	Water string		3000	"
6¼	Oil "			Landed

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

Recommendation:

This Department has not sufficient data available upon which to base an exact estimate of the depth at which oil or gas bearing formations should be encountered in this vicinity, nor the depth at which a water shut-off should be effected.

The proposed drilling program is approved, however, subject to the recommendation that steps shall be taken to determine the fluid contents of all porous formations, and afford protection to such formations as this Department considers worthy of protection from the infiltration of water or the dissipation of gas.

This Department must be notified as follows:

1. When a showing of oil or gas is encountered.
2. BEFORE LANDING OR CEMENTING ANY CASING.
3. To witness a bailing test of each possible water shut-off. Copies of our form 106 for this notification are enclosed herewith.

We would appreciate the filing of a memorandum log of the well with the notice of test of water shut-off.

R. E. COLLOM
State Oil and Gas Supervisor

cc - Peterson Barker Synd.

By [signature] Deputy

Form 111. 22418 11-22 10M

BB-v.

037-0578 8

Form 105. 47750 8-19 10M

CALIFORNIA STATE MINING BUREAU

Department of Petroleum and Gas

RECEIVED MAR 28 1923 LOS ANGELES OFFICE

Notice of Intention to Drill New Well

This notice must be given before drilling begins

R-R. Drilling Co., Inc.

Long Beach, Cal. March 17, 19 23

STATE MINING BUREAU
RECEIVED
APR - 6 1923
LOS ANGELES OFFICE

Mr. C. C. THOMS

Deputy State Oil and Gas Supervisor

Los Angeles, Cal.

DEAR SIR:

In compliance with Section 17, Chapter 718, Statutes of 1915, notice is hereby given that it is our intention to commence the work of drilling well number 1 Section 1 T. 4 S. R. 14 W., S. B. B. & M., Torrance Oil Field, Los Angeles County.

The well is 86.2 feet N. ~~and~~ S., and 105.8 feet E. ~~and~~ W. from the intersection of center lines of Western Ave. + 213th St.
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 100' (Aprox) feet. U.S.G.S. Contour.

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

Size of Casing, Inches	Weight, Lbs. Per Foot	New or Second Hand	Depth	Landed or Cemented
15½ Screw casing			500	Cemented
10"	Water string		3000	"
6½	Oil "			Landed

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

We estimate that productive oil or gas formation should be encountered at a depth of about unknown depth ~~Max~~ more or less.

Reference to file of data

Date	Model	Cross Section	Cards	Remarks	
W.H.F. 4-10-23	No Model				

Respectfully yours, Frank Peterson Pres't

PETERSON-BARKER SYNDICATE
(Name of Company or Operator)

~~ORANGE COUNTY DRILLING CO., Inc.~~

By ~~R. R. Brock~~
Petroleum Engineer.

~~Address: 239½ East Broadway, Long Beach, California.~~

Mr. Rull — 616-362 Long Beach

~~Phone: 616-362~~

822 Central Bldg. Main 1267.

Address notice to Deputy State Oil and Gas Supervisor in charge of district where well is located

Location (aprox.) - 100' N. of south line and 100' E. of west line of Lot 14, Block 32, Tract 4983, L.A. Record Book #57, Page 6789. Exact location will be sent in as soon as it is obtained.