

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 052956
LEASE ~~PROSPECT~~ TO PROSPECT ...X...

						X	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Italo Pet. Corp. of America Address 391 Sutter St., San Francisco, Calif.
Lessor or Tract _____ Wells _____ Field Langlie State N. M.
Well No. B 2 Sec. 5 T. 25S R. 37E Meridian N. M. P. M. County _____ Lea _____
Location 1650 ft. {N.} of N. Line and 330 ft. {E.} of E. Line of Sec. 5 Elevation 3251'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. G. Benton

Date Mar. 4, 1939 Title _____ Dist. Supt. _____

The summary on this page is for the condition of the well at above date.

Commenced drilling Jan. 25, 1939 Finished drilling Feb. 20, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2900' to 2920' G No. 4, from 3503' to 3510' Oil
No. 2, from 3078' to 3092' G No. 5, from 3538' to 3548' "
No. 3, from 3383' to 3398' G No. 6, from 3465' to 3482' top pay & Erkn. Pay

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13"	40#	8	YST	156'	Plain				Surface
9-5/8"	25	8		1236'	Plain				Seal
7"	20	8		1236'	Plain				Seal

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	171'	110	Haliburton		
9-5/8"	1254'	300	"		
7"	3402'	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4 1/2"	tin	Nitro-glycerine	270 qts.	2-24-39	3548	3548', t. d.

TOOLS USED

Rotary tools were used from 0 feet to 3548 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Spudded, Jan. 25, 1939. Put to producing Mar. 1, 1939.

The production for the first 24 hours was 216 barrels of fluid of which 99.4 % was oil; _____ % emulsion; _____ % water; and .6 % sediment. Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours 54,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 850# max. to date.

EMPLOYEES

C. S. Thornton, Driller Fred Green, Driller
E. Bittman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	24	24	Caliche
24	110	86	Sand
110	191	81	Red Bed
191	418	227	" " & Shells
418	1009	591	" " "
1009	1174	165	" " & Shells
1174	1306	132	Anhy.
1306	1470	164	Salt w. str. anhy.
1470	1612	142	" & anhy. shells
1612	1650	38	Anhy.
1650	1710	60	Salt w/ anhy. shells
1710	1740	30	Anhy.
1740	2076	336	Salt & anhy. shells
2076	2100	24	Anhy.
2100	2285	185	Salt & anhy.
2285	2305	20	Anhy.
2305	2355	50	Salt
2355	2384	29	Anhy.
2384	2395	11	Salt
2395	2425	30	Anhy.
2425	2436	11	Salt
2436	2450	14	Anhy.
2450	2475	25	Salt
2475	2490	15	Anhy.
2490	2525	35	Salt
2525	2550	25	Anhy.

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
2550	2670	120	Salt
2670	2678	8	Anhy.
2678	2733	55	Salt
2733	2748	15	Anhy.
2748	2900	152	Lime
2900	2920	20	Brkn. Lime (gas)
2920	2954	34	Lime
2954	3000	46	Brkn. Lime & sand
3000	3015	15	Lime
3015	3045	30	Brkn. Lime & Sand
3045	3078	33	Lime
3078	3092	14	Sandy lime (gas)
3092	3114	22	Lime
3114	3124	10	Sandy lime
3124	3129	5	Lime
3129	3167	38	Sandy lime
3167	3202	35	Lime
3202	3218	16	Sandy lime (gas)
3218	3548	330	Lime Total depth

MUDDING AND CEMENTING RECORD

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.

Shutted Jan. 25, 1939 drilling 17" rotary hole to 186'.
 Landed & cemented 156' of 13" OD New 40# LW casing at 171' w/ 100 sax Tr. Spec.
 Cement Jan. 25, 1939. Tested and resumed drilling Jan. 26, 1939 making 124"
 rotary hole to 1256'.
 CYCLING RECORD

Landed and cemented 1239' of 9-5/8" OD New 29.30# S.S Casing at 1254' w/ 300 spx-
cement, Jan. 29, 1939. Tested using 1000# pressure tests of one hour each, before
and after drilling out plug, Feb. 1, 1939. Resumed drilling making 8-3/4" rotary
hole to 3405'.

Landed and cemented 3388' of 7" OD New 24# SS casing at 3402' w/ 300 sax Tr. Spec. cement, Feb. ~~11~~¹⁰, 1939. Tested using 1000# pressure tests of one hour each before and after drilling plug to 3405', Feb. 1939. ~~Changed~~ Circulating fluid to oil and drilling was resumed making 6 1/2" rotary hole to 3510' at 3405'.

Ran 2" BUE tubing to 3520' and swabbed oil for production test. Well showed 50 bbls. of oil and insufficient gas to flow.

Well cleaned itself and bridged. Cleaned out with rotary tools to 3548', t. and ran 2" EUE tubing to 3488'.

Potential test, 9 bbls. per hour on the 20th hour with 7/8" choke.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-28-2001 BY 60322 UCBAW/STP

TOE OF OIL OR GAS WELL

GEOLOGICAL ENGINEERING

DEPARTMENT OF THE INTERIOR

UNITED STATES

RECEIVED BY DEPARTMENT OF DEFENSE

DEPT OF COMMERCE

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