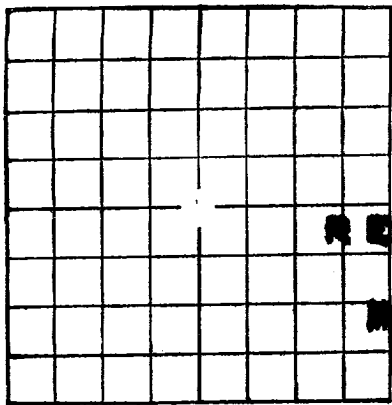


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 049947 (a)
LEASE OR PERMIT TO PROSPECT Yates



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAR 10 1977

D. C. LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Franklin Petroleum Corporation Address Box 4, Las Cruces, New Mexico
Lessor or Tract Yates Field Loco Hills State New Mexico
Well No. 6-A Sec. 6 T. 18R. 30 Meridian NMPH County Eddy
Location 1850 ^(N.) of South line and 2310 ^(E.) of East line of Sec. 6-18.30 Elevation 3549 ^(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 E. C. G. [Signature]

Date _____ Title Bookkeeper

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

Commenced drilling May 12, 1940 Finished drilling June 17, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1850 G to 1875 No. 4, from _____ to _____
No. 2, from 2838 to 2855 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 403 to 405 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	
<u>8 1/2"</u>	<u>28 1/2</u>	<u>10</u>	<u>Lapweld</u>	<u>475</u>	<u>Regular</u>	<u>Surface</u>			
<u>7 7/8"</u>	<u>20 1/2</u>	<u>10</u>	<u>Seamless</u>	<u>2741</u>	<u>Regular</u>	<u>Surface</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>475</u>	<u>50</u>	<u>Gibson</u>		<u>50</u>
<u>7 7/8"</u>	<u>2741</u>	<u>100</u>	<u>Halliburton</u>		<u>5 tons</u>

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
<u>4"</u>	<u>Type F duplex</u>	<u>Nitroglycerin</u>	<u>60</u>	<u>6/21/40</u>	<u>2835-55</u>	<u>2855</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2855 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 1, 1940

The production for the first 24 hours was 380 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller I. W. Hancox
_____, Driller S. E. Simms
_____, Driller W. J. Cluney

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Red bed
100	405	305	Red rock and sand
405	445	40	Anhydrite one barrel of water at 405
445	625	180	Salt Top of salt 445'
625	650	25	Anhydrite
650	1135	485	Salt Base salt 1135'
1135	1325	190	Anhydrite
1325	1400	75	" Red rock
1400	1465	65	Anhydrite
1465	1500	35	" & red rock
1500	1850	350	Anhydrite
1850	1875	25	Lime (show of gas)
1875	1955	80	Anhydrite
1955	2005	30	Anhydrite and lime
2005	2115	110	Anhydrite
2115	2145	30	Anhydrite and red rock
2145	2290	145	Anhydrite
2290	2330	40	Lime
2330	2345	15	Red sand (top of red sand 2330')
2345	2365	20	" & anhydrite (Base of red sand 2358')
2365	2395	30	Lime
2395	2415	20	Anhydrite
2415	2455	40	Anhydrite & lime
2455	2500	45	Lime

FORMATION RECORD CONTINUED

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

RECEIVED
MAR 10 1917
U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
2500	2595	95	Lime & anhydrite
2595	2615	20	Anhydrite
2615	2635	20	Anhydrite & red sandy shale
2635	2650	15	Anhydrite
2650	2658	8	Lime
2658	2841	183	Oil sand (top of oil sand 2855')
2841	2855	14	Oil sand
Total depth 2855'			
Sand was cored from 2841' to 2855'			
FORMATION RECORD			
STROKES USED			
SHOOTING RECORD			
WELL AND LOCATION			