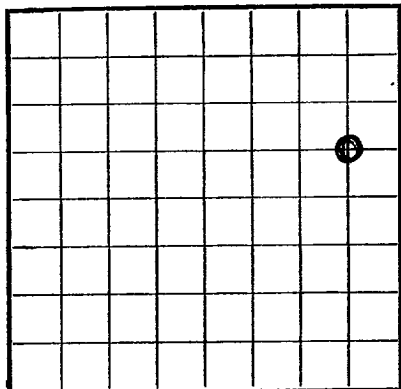


Form 9-380



LOCATE WELL CORRECTLY

Name changed from
WESTERN-YATES to INTERNATIONAL-YATES
effective December 31, 1962

U. S. LAND OFFICE
SERIAL NUMBER 028772 A
LEASE OR PERMIT TO PROSPECT

Las Cruces

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western - Yates Address L. O. Box 427
Lessor or Tract Dunn A Field Artesia State New Mexico
Well No. 3 Sec. 12 T. 18S R. 28E Meridian NMPH County Socorro
Location 1920 ft. N of N Line and 600 ft. W of E Line of Sec. 12 Elevation 3630
(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 L. A. Sanchez

Date December 24, 1957 Title Dist. Supt.

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

Commenced drilling October 28, 1957 Finished drilling December 4, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2640 to 2654 No. 4, from _____ to _____
No. 2, from 2660 to 2665 No. 5, from _____ to _____
No. 3, from 2818 to 2830 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 365 to 372 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	
8 5/8	24.7	8	CPA	530	Bag	Not	2640	2654	Oil
4 1/2	28.4	8	CPA	200	Bag	Not	2660	2665	Oil
							2818	2830	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	530	75	Pump		None
4 1/2	284.7	200	"		None

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

TOOLS USED

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

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which 56 % was oil; 57 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 360
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller
J. G. Crow, Driller James Gallagher, Driller
James Monroe

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	65	65	Red rock and anhy.
65	115	50	Red sand and anhy.
115	140	25	Gravel
140	150	10	Red Shale
150	390	240	Red rock and anhy.
390	800	410	Salt
800	940	140	Anhy.
940	995	55	Anhy. and red shale
995	1025	30	Red sand
1025	1300	275	Anhy. and red sand, some red shale
1300	1365	65	Anhy.
1365	1600	235	Anhy. and lime
1600	1665	65	Anhy.
1665	1750	85	Anhy. and red sand
1750	1800	50	Anhy.
1800	1825	25	Anhy. and red sand
1825	1900	75	Anhy.
1900	2020	45	Anhy. and lime
2020	2040	20	Anhy. and red sand
2040	2080	40	Anhy.
2080	2115	35	Anhy. and lime
2115	2175	60	Anhy. and red sand
2175	2220	45	Grey Sand
2220	2305	85	Lime and red sand
2305	2445	140	Lime

FORMATION RECORD—Continued

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 balling.

10. P. D. 2847' ran 2847' of 1 1/2" - 55 2.5# csg. with float shoe and 6 centralizers and cemented with 200 sacks next cement. Ran Gamma-Neutron logs to total depth. Perf. 48 h 2618-30, treated with 100 gals. acid. Sand-oil frac with 10,000 gals. lease crude / 20,000# sand. Set B. P. at 2670' and perf. 20 h 2660-65'. BOF with 10,000 gals. lease crude / 20,000# sand. Set B.P. at 2657' and perf. 56 h 2640-54' BOF with 10,000 gals. lease crude / 35,000# sand. Drlg. out all B. P. and ran 2" tbg. to 2626' and completed for production.