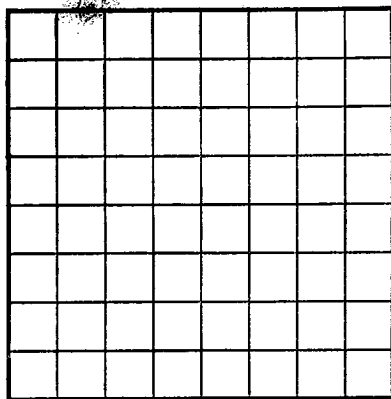


U. S. GEOLOGICAL SURVEY
Denver, Colorado UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Flynn, Welch & Yates** Address **Artesia, New Mexico**
Lessor or Tract _____ Field **Loco Hills** State **New Mexico**
Well No. **2** Sec. **8** T. **18** R. **28** Meridian **NMPM** County **Eddy**
Location **330** ft. **XX** of **N** Line and **330** ft. **E** of **W** Line of **SE 1/4** Elevation **3518** (Derrick floor relative to sea level)
310 **2310**

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. S. Arrell**
Date **June 12, 1941** Title **Partner**

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

Commenced drilling **February 24**, 19**41** Finished drilling **June 10**, 19**41**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2415 to 2418	No. 4, from 2630 to 2636
No. 2, from 2500 to 2512	No. 5, from _____ to 2665
No. 3, from 2565 to 2570	No. 6, from 2675 to 2687

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—	
9" O. D.				375 ft					
7" O. D.				330 ft					
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
		50 sacks			
		100 sacks			

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
		Nitro-Glycerin	160	4-24-41		
					2689-2674	
					2668-2652	
					2628-2638	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **2719** feet, and from _____ feet to _____ feet

DATES

June 12, 19**41** Put to producing **June 12**, 19**41**
The production for the first 24 hours was **10** barrels of fluid of which **all** % was oil; _____ %
emulsion; **✓** % water; and **✓** % sediment.
If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. _____
Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

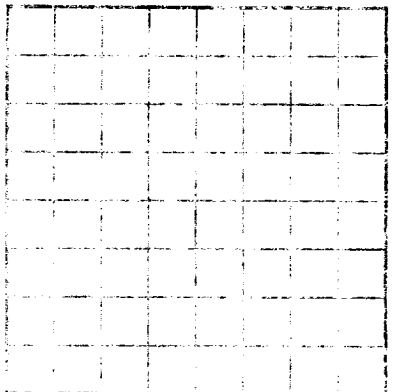
E.A. Hurst, Driller
E.L. Blount, Driller
Ira Wiggins, Driller
P.F. Johnson, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	65		Gyp
65	75		Red Rock
75	85		Gyp
85	110		Red Rock
110	180		Gyp
180	195		Red Sand
195	220		Red Rock
220	280		Gyp & Red Rock Breaks
280	315		Gyp
315	325		Red Rock
325	335		Gyp
335	375		Gyp & Salt
375	570		Salt
570	580		Shell anhydrite
580	625		Salt and Red Beds
625	740		Salt
740	775		Anhydrite
775	820		Gyp
820	970		Anhydrite
970	1015		Gyp & Red Rock
1015	1065		Anhydrite & Shell
1065	1240		Anhydrite
1240	1265		Anhydrite & Red Mud
1265	1340		Anhydrite
1340	1375		Anhydrite & Gyp

(OVER)

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
WASHINGTON, D. C.
JAN 10 1965

Company Name: _____
Location: _____
State: _____
County: _____
Section: _____
Twp: _____
Range: _____
Bearing: _____
Distance: _____
The information given herein 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: _____
Title: _____
The summary on this page is for the condition of the well at above date.
Commenced drilling: _____
Finished drilling: _____
Jan 10 1965

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Size	Weight	Length	Remarks	Amount	Kind of steel	Cut and pulled from	Perforated	Bottom
				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 "kicked" or left in the well, give its size and location. If plugs or bridges were put in to test for water, state the kind of material used, position, and results of pumping or bailing.					

HISTORY OF OIL OR GAS WELL

From	To	Total Feet	Formation
1375	1655	280	Red Rock
1655	1660	5	Anydrite
1660	1665	5	Red Rock
1665	1720	55	Anydrite
1720	1730	10	Anydrite
1730	1765	35	Anydrite & Red Rock
1765	1795	30	Anydrite
1795	1935	140	Anydrite
1935	1960	25	Anydrite
1960	1965	5	Red Sand
1965	1980	15	Anydrite
1980	2100	120	Anydrite
2100	2125	25	Anydrite
2125	2145	20	Anydrite & Red Rock
2145	2165	20	Anydrite
2165	2195	30	Gandy Blue Shale
2195	2220	25	Anydrite & Red Rock
2220	2250	30	Anydrite
2250	2341	91	Gray Lime
2341	2512	171	Lime
2512	2520	8	Lime
2520	2535	15	Brown Sand & Lime
2535	2550	15	Lime
2550	2572	22	Gray Lime
2572	2588	16	Lime
2588	2602	14	Gray Lime
2602	2609	7	Gray Lime
2609	2630	21	Brown Lime
2630	2669	39	Sand
2669	2675	6	Lime & Sand Breaks
2675	2687	12	Gray Lime
2687	2687	0	Brown Lime
2687	2700	13	White Lime
2700	2719	19	White Lime