

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company F. W. & Y. Oil Company Address Artesia, New Mexico

Send correspondence to Same Address Same

Well No. 71 in NE 1/4 of Sec. 10, T. 19, R. 28, N. M. P. M., Artesia Oil Field Eddy County.

If State land the oil and gas lease is No. 648 Assignment No. _____

If patented land the owner is _____, Address _____

The lessee is F. W. & Y. Oil Company, Address Artesia, New Mexico

If not state or patented land, give status _____

Drilling commenced November 13th, 1934. Drilling was completed March 29th, 1935

Name of drilling contractor _____, Address _____

Elevation above sea level at top of casing _____ feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

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

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

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

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>8-1/4"</u>				<u>570 Feet.</u>					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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>180 quarts of Nitro-Glycerin</u>	<u>used.</u>				

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

PRODUCTION

Put to producing _____, 19____.

The production of the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYES

W. N. Welch, Driller _____, Driller

J. W. Kennedy, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 9th Name W. N. Welch

day of May, 19 35 Position President

W. N. Gladys Representing F. W. & Y. Oil Company

Notary Public. Company or Operator.

My commission expires January 27th, 1938.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25		Gyp
25	160		Red Sand
160	175		Gumbo
175	190		Red Sand
190	215		Gyp
215	220		Gray Sand
220	230		Gumbo
230	300		Red Sand and Mud
300	400		Gyp and Red Mud
400	420		Gyp
420	555		Salt
555	595		Anhydrite
595	600		Blue Shale
600	715		Gyp and Anhydrite
715	730		Gray Lime
730	745		Gyp and Anhydrite
745	785		Gyp and Red Sand
785	800		Gyp and Anhydrite
800	820		Gyp and Shale
820	830		Gray Sand
830	995		Gyp and Shale
995	1005		Lime
1005	1010		Shale
1010	1045		Lime
1045	1100		Anhydrite and Shale Broken
1100	1445		Anhydrite and Lime
1445	1480		Red Sandy Shale
1480	1605		Anhydrite and Lime
1605	1645		Red Sand
1645	1755		Anhydrite and Lime
1755	1775		Gray Sandy Lime
1775	1825		Anhydrite and Lime
1825	1850		Gray Sand
1850	1875		Red Shale
1875	1890		Anhydrite and Shale
1890	1905		Lime
1905	1915		Gray Sand
1915	1950		Gas
1950	2003		Soft Brown Lime--Oil
2003	2085		Sand and Sandy Lime
2085			TOTAL DEPTH.