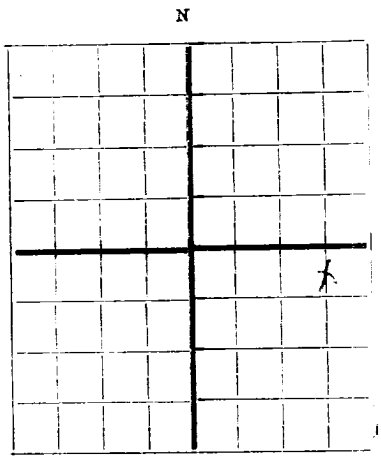
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

V.S. Welch (Company or Operator) Box 1056, Artesia, New Mexico (Address)

Lackawanna State (Lease) Well No. 1 in NE¼ SE¼ of Sec. 30, T 18

R. 28, N. M. P. M., Artesia Field, Eddy County.

Well is 2970 feet south of the North line and 660 feet west of the East line of Section 30

If State land the oil and gas lease is No. 647 Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced May 4 19 48. Drilling was completed June 13 19 48

Name of drilling contractor Marian C. Welch, Address Artesia, New Mexico

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 2028 to 2040 No. 4, from to

No. 2, from 2095 to 2106 No. 5, from to

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

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8"				640'					
2"				2140'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
8"		640	50	Halliburton		
2"		2140'	100	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	7"	Nitro-Glycerin	100	6-9	2094-2108	
	7"	"	120	6-9	2024-2042	

Results of shooting or chemical treatment Well flowed 100 barrels first 24 hours after shot

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

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

Cable tools were used from 0 feet to 2300 feet, and from feet to feet

PRODUCTION

Put to producing June 15, 48

The production of the first 24 hours was 100 barrels of fluid of which 100 % 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.

EMPLOYEES

J.M. Welch, Driller

L.P. Davis, 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 15 day of June 48

Notary Public

My Commission expires June 6, 1949

Artesia, New Mexico (Place) June 15, 1948 (Date)

Name

Position Auditor

Representing (Company or Operator)

Address Box 1056, Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25		Gyp
25	80		Red Sand
80	120		Gumbo
120	280		Red Bed
280	295		Anhydrite
295	305		Red Bed
305	360		Anhydrite and Red Bed
360	535		Anhydrite
535	540		Blue Shale
540	555		Anhydrite
555	560		Blue Shale
560	575		Salt
575	585		Blue and Red Shale
585	685		Anhydrite
685	890		Anhydrite and Red Bed
890	1240		Anhydrite
1240	1305		Anhydrite and Red Bed
1305	1490		Anhydrite
1490	1520		Red Sand
1520	1775		Anhydrite
1775	1902		Gray Lime
1902	1908		Gray Sand
1908	1977		White Lime
1977	2028		Gray Lime
2028	2045		Sandy Lime--Oil Sand
2045	2094		Gray Lime
2094	2106		Oil Sand
2106	2122		Red Sandy Lime
2122	2139		White Lime
2139	2188		Red Sandy Lime
2188	2274		Gray Lime
2274	2300		Hard Lime
2300			TOTAL DEPTH