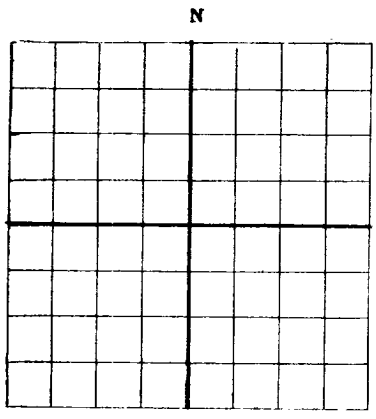
FORM C-105



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.

Republic Production Company (Company or Operator) Petroleum Building, Houston, Texas. (Address)

Yates (Lessee) to Well No. 5 in SE¼ of SE¼ of Sec. 33, T. 17

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

Well is 330 feet North of the South line and 330 feet west of the East line of Section 33-17-28.

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

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Republic Production Company, Address Artesia, New Mexico

Drilling commenced April 26 19 41 Drilling was completed June 10, 19 41

Name of drilling contractor Miller & Miller, Address Artesia, New Mexico

Elevation above sea level at top of casing 3660 feet.

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

OIL SANDS OR ZONES

No. 1, from 2107 to 2175 No. 4, from _____ to _____

No. 2, from 2180 to 2190 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 285 to 290 feet. _____

No. 2, from 300 to 350 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
8⅝"	32#	8		540	Common				
7"	20#	10		2005	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8⅝"	540	50 sks.	Halliburton		
8"	7"	2005	50 sks.	"		

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
		Nitro glycerine	80 qts.	6-10-41	2162-2196	2220

Results of shooting or chemical treatment Swabbed & flowed 50 bbls oil per day thru casing while cleaning out. Ran 2" tubing to 2158 /flow packer at 1956. Flowed 30 bbls oil per day thru open tubing.

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 2220 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 6-14 19 41

The production of the first 24 hours was 30 barrels of fluid of which 10 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours 50,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Miller & Miller, Contractor, Driller _____, Driller

_____, 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 8th day of July, 1941

Jeanne Horne nee Jeanne White
Notary Public

My Commission expires Sept. 11, 1943

Artesia, New Mexico July 7, 1941 (Date)

Name M. M. Bird

Position Supt.

Representing Republic Production Company (Company or Operator)

Address Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	250	250	Sand, gyp & mud
250	285	35	Gravel - 2 bbls wtr per hr
285	290	5	Sand
290	300	10	Red bed
300	335	35	Gyp & gravel
335	380	45	Sandy shale
380	405	25	Red bed & gravel
405	420	15	Red sand
420	435	15	Red bed
435	455	20	Black shale
455	475	20	Anhydrite & Lime shells
475	540	65	Anhydrite & shale
540	570	30	Anhydrite & Red shale
570	600	30	Anhydrite & Shale
600	615	15	Anhydrite
615	625	10	Red Sand
625	690	65	Anhydrite & Red bed
690	735	45	Anhydrite
735	765	30	Lime shells & Anhydrite
765	782	17	Anhydrite & shale
782	850	68	Anhydrite
850	860	10	Anhydrite & lime
860	865	5	Anhydrite & lime - Showing oil
865	975	110	Anhydrite
975	985	10	Anhydrite & Lime
985	1000	15	Anhydrite
1000	1085	85	Anhydrite
1085	1120	35	Horn shells & Red shale
1120	1155	35	Anhydrite
1155	1180	25	Red rock
1180	1215	35	Anhydrite
1215	1245	30	Red sandy shale
1245	1305	60	Anhydrite
1305	1355	50	Anhydrite & Red shale
1355	1415	60	Anhydrite
1415	1435	20	Red sand
1435	1460	25	Gray lime
1460	1470	10	Red rock
1470	1525	55	Anhydrite
1525	1555	30	Gray lime
1555	1590	35	Anhydrite & shells
1590	1615	25	Anhydrite & Sandy shale
1615	1683	68	Shale & Anhydrite
1683	1690	7	Hard sand
1690	1698	8	Anhydrite
1698	1705	7	Gray sand
1705	1735	30	Sand & shale
1735	1800	65	Anhydrite
1800	1830	30	Sandy Anhydrite
1830	1835	15	Anhydrite
1835	1844	9	Red rock
1844	1890	46	Anhydrite
1890	1895	5	Gray lime
1895	1900	5	Anhydrite
1900	2005	105	Gray lime
2005	2167	162	Gray lime
2167	2175	8	Oil sand
2175	2180	5	Gray lime
2180	2190	10	Oil sand
2190	2195	5	Sandy lime
2195	2215	20	Gray lime
2215	2220	5	White lime