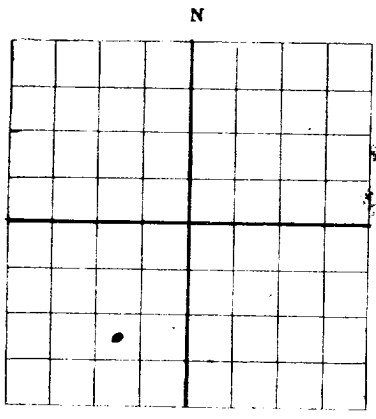
FORM C-105



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.

William P. Dooley — Artesia, New Mexico
Company or Operator — Address

Rumapo — Well No. 4 — in SE¼ SW¼ of Sec. 36, T. 17 S
Lease

R. 27 E., N. M. P. M., Artesia Field, Eddy County.

Well is 1650 feet ~~south~~ west of the ~~North~~ line and 990 feet ~~west~~ south of the ~~East~~ line of SW¼ of Section 36

If State land the oil and gas lease is No. B-752 Assignment No. 2

If patented land the owner is XXXXX, Address

If Government land the permittee is XXXX, Address

The Lessee is William P. Dooley, Address Artesia, New Mex.

Drilling commenced June 21, 1942 Drilling was completed Sept. 29, 1942

Name of drilling contractor William P. Dooley, 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 416 to 421 No. 4, from 521 to 528

No. 2, from 502 to 509 No. 5, from to

No. 3, from 512 to 514 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 225 to 230 feet. Inflow not tested Rose 10 ft.

No. 2, from 260 to 280 feet. Inflow not tested Rose 65 ft.

No. 3, from to feet. (Unable to bale)

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
7 OD	20	10	413	413	Short				Cut off surface water
5½	17	10		503	Texas pattern				Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8	7 OD	413	95	Halliburton		
6 5/8	5½	503	10	Halliburton		

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
		acid	2000 gal	7/21/42	416-432	
		acid	2000 "	9/29/42	503-530	503-530

Results of shooting or chemical treatment No results from first acidizing. Second acidizing increased production from about 1½ bbls per day to 35 bbls. during first 24 hour test.

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 541 feet, and from feet to feet

PRODUCTION

Put to producing Sept. 30, 1942

The production of the first 24 hours was 60 barrels of fluid of which 58 % was oil; 0 % emulsion; 0 % water; and 42 % sediment. Gravity, Be Not tested yet. Mud acid solution

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. E. Bellingfield, 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 21 day of October, 19 42

Nola Pollard
Notary Public

My Commission expires June 9, 1943

Artesia, New Mexico (Place) Oct. 21, 1942 (Date)

Name Florence M. Dooley

Position Agent

Representing William P. Dooley
Company or Operator

Address Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	90	90	Soil and red rock and gyp.
90	170	80	Gyp., red beds and anhydrite crevices at 106.
170	225	55	Red beds and anhydrite.
225	230	5	Anhydrite. ½ bailer water per hour.
230	260	30	Red beds and shale.
260	264	4	Anhydrite. ½ bailer water.
264	280	16	Anhydrite and red beds. Water.
280	330	50	Broken anhydrite and red shale.
330	350	20	Anhydrite and red rock.
350	360	10	Anhydrite and lime.
360	370	10	Blue and red shale.
370	395	25	Broken anhydrite.
395	409	14	Lime and anhydrite and a little salt.
409	416	7	Anhydrite.
416	421	5	Lime---Oil and gas.
421	425	4	Blue shale.
425	429	4	Anhydrite and lime.
429	435	6	Brown lime and anhydrite.
435	442	7	Anhydrite and gray lime.
442	448	6	Red rock and shale.
448	457	9	Anhydrite.
457	468	11	Brown and red shale and anhydrite shells.
468	474	14	Broken anhydrite.
474	479	5	Anhydrite and brown lime.
479	484	5	Anhydrite.
484	487	3	Gray lime.
487	502	15	Broken anhydrite; shale breaks.
502	509	7	Brown lime. Oil.
509	512	3	Anhydrite.
512	514	2	Brown lime. Increase of oil.
514	517	3	Broken anhydrite.
517	521	4	Blue shale.
521	528	7	Brown lime. Increase of oil.
528	535	7	Anhydrite and broken shale.
535	541	6	Brown lime. Slight show oil.