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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Jones and Yates

Box 464 Artesia, New Mexico

Company or Operator

Address

Pickrell

Well No. 1

In SWSE

of Sec. 5

T. 19 S.

R. 26E.

N. M. P. M.

Dayton

Field,

Eddy

County.

Well is 6990 feet south of the North line and 4290 feet west of the East line of Section 5

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

If patented land the owner is C.B. Pickrell Address L.A., Calif.

If Government land the permittee is Address

The Lessee is Jones and Yates Address Artesia, N.M.

Drilling commenced December 31 19 40 Drilling was completed July 15 19 41

Name of drilling contractor Dave Gray Address Artesia, N.M.

Elevation above sea level at top of casing 3500 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES (NONE)

No. 1, from 712 to 720 (Rainbow) No. 4, from to

No. 2, from 900 to 912 Light show 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 605--610 (Fresh) feet.

No. 2, from 620--628 (Fresh) feet.

No. 3, from 690--698 (Sulphur) feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
12 1/2"	50 lb.	10	2nd hand	321'	Texas				shut off
					pattern				heavy for-
									mation
10"	42 lb.	10	"	525'	Texas				"
					pattern				
8 1/2"	32 lb.	10	"	676'	"				Shut off
									testian

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	12 1/2"	321'				
12 1/2"	10"	515'				
10"	8 1/2"	676'		Halliburton		Ten Tons Clay

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

(NONE)

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment

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 1050' feet, and from feet to feet

PRODUCTION

Put to producing 19 (NONE)

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.

EMPLOYEES

Dave Gray Driller Eddie Gray Driller

Paul Gray

Driller

Eddie Gray

Driller

William Gray

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

day of August 1941

Notary Public

My Commission expires March 13, 1944

Name Martin Yates Date 11/11

Position Partner

Representing Jones & Yates

Company or Operator

Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10'	10 10	Soil
10	40	30	Red clay
40	145	105	Blue shale
145	310	165	Blue shale
310	350	40	Red sand
350	470	120	Red clay
470	475	5	Clay and anhydrite
475	485	10	Red Clay
485	495	10	Blue Clay
495	522	27	Red clay
522	526	4	Rock
526	535	9	Red rock clay
535	595	60	Red rock and anhydrite
595	605	10	Lime (Top of Lime)
605	610	5	Water rock--flow 1" over top 10"
610	620	10	Rock sand
620	628	8	Water rock--increase flow to 3" over 10"
628	635	7	Lime
635	676	41	Lime (Set 8" casing)
676	712	36	Gray lime
712	720	8	Gray sandy lime (rainbow show)
720	790	70	Gray lime
790	800	10	Lime and anhydrite
800	844	44	Grayish brown lime
844	845	1	Blue shale
845	859	14	White lime
859	860	1	Blue shale
860	865	5	Gray lime
865	868	3	Blue shale
868	885	17	Blue sandy lime
885	890	5	Lime
890	897	7	Blue sandy lime (little sulphur water)
897	906	9	Blueish gray lime (increase " ")
906	908	2	White lime
908	912	4	Gray sandy lime (rainbow oil show)
912	917	5	" " " (no oil show)
917	965	27	White lime
965	990	25	Gray lime
990	1015	25	Gray lime
1015	1050	35	Gray lime Total Depth.