

DUPLICATE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Grid for well location with 'X' in the top right corner.

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

American Republics Corporation State B-1576

Well No. 3-B in NENE of Sec. 33, T. 17 S

R. 34 E, N. M. P. M., Vacuum Field, Lea County.

Well is 990 feet south of the North line and 990 feet west of the East line of Section 33

If State land the oil and gas lease is No. B-1576 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is American Republics Corporation Address P. O. Box 547, Artesia, N.M.

Drilling commenced 12-15 19 51 Drilling was completed 19

Name of drilling contractor Cactus Drilling Company Address Hobbs, New Mexico

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until None 19

OIL SANDS OR ZONES

No. 1, from 4645 to 4650 No. 4, from to

No. 2, from to 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

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Includes entries for 8 5/8" and 7" casings.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 10" and 8 1/2" holes.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL USED, EXPLOSIVE OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT. Includes entry for Regular Acid.

Results of shooting or chemical treatment Slight increase in Oil Production

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 0 feet to 1605 feet, and from feet to feet.

Cable tools were used from 1605 feet to 4710 feet, and from feet to feet.

PRODUCTION

Put to producing March 15 19 52

The production of the first 24 hours was 33 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 37° API

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

O. B. Bryan Driller J. B. Jones Driller

R. B. McCarrell 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 27th

Artesia, New Mexico March 27, 1952

day of March 27, 19 52

Name Henry R. Speyer

Position District Engineer

Margaret Louise Ineson Notary Public

Representing American Republics Corporation Company or Operator.

My Commission expires August 28, 1953

Address P. O. Box 547, Artesia, New Mexico

Sept. 2, 1953

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	175	175	Sand
175	1030	855	Red Rock
1550	1605	520	Red Rock & Anhydrite streaks (Switched over to cable tools at 1605)
1605	1660	55	Anhydrite
1660	1695	35	Anhydrite and Salt
1695	2695	1000	Salt & Potash
2695	2730	35	Salt and Anhydrite
2730	2780	50	Anhydrite and shale
2780	3810	1030	Anhydrite and Red Shale Streaks
3810	3835	25	Anhydrite and Lime
3835	3910	75	Anhydrite and Lime
3910	3990	80	Anhydrite and Lime
3990	4015	105	Anhydrite and Lime
4015	4035	20	Lime
4035	4075	40	Anhydrite
4075	4140	65	Anhydrite
4140	4160	20	Anhydrite and Lime
4160	4210	50	Anhydrite
4210	4260	50	Lime
4260	4307	47	Lime
4307	4350	43	Lime
4350	4385	35	Lime
4385	4399	19	Lime
4399	4429	40	Lime
4429	4452	23	Lime
4452	4496	44	Lime
4496	4535	61	Lime
4535	4565	30	Lime
4565	4585	20	Lime
4585	4615	30	Lime
4615	4645	30	Lime
4645	4650	5	Lime Oil and Gas
4650	4675	25	Lime
4675	4685	10	Lime
4685	4705	20	Lime
4705	4710	5	Lime
4710			Total Depth