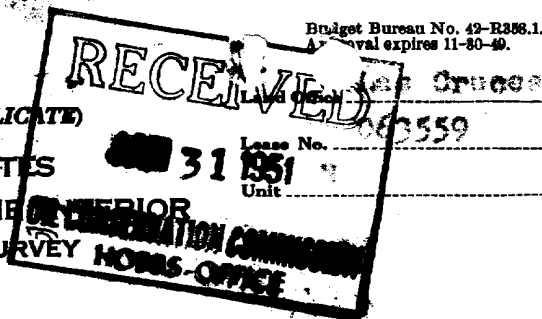


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Artesia, New Mexico Jan. 23, 1951

Thomas S. Cox
Well No. 1-2 is located 510 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 1685 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. 17
17 1/2 Sec. 17 18 S. 22 E. N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Young Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 2752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

In accordance with Sundry Notice of November 20, 1950, the section from 2771-51 was shot with 20' of Durrhamite shot containing 2 quarts of nitroglycerine. Shot went off on December 2, 1950. After cleaning out, the well was put to running, and after 30 days is making 65 to 70 barrels of oil per day. Prior to shooting the well turned about 40 barrels per day.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Buffalo Oil CompanyAddress Box 686Artesia, New Mexico

By

Ralph L GrayTitle Assistant Superintendent

GEOLOGICAL SURVEY

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1901. It is a message of congratulation to the Congress for its opening session, and it contains a statement of the President's policy for the year. The President states that his policy is to maintain the peace and to promote the prosperity of the country. He also states that he will continue to support the Congress in its efforts to improve the government.

2. The second part of the document is a report from the Secretary of the Interior, dated January 1, 1901. It is a report on the work of the Department of the Interior during the year. The Secretary states that the Department has been successful in its efforts to improve the management of the public lands. He also states that the Department has been successful in its efforts to protect the interests of the Indians.

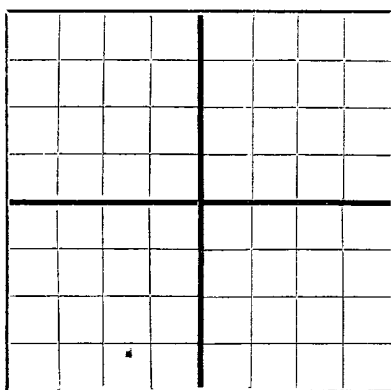
3. The third part of the document is a report from the Secretary of the Navy, dated January 1, 1901. It is a report on the work of the Department of the Navy during the year. The Secretary states that the Department has been successful in its efforts to improve the management of the Navy. He also states that the Department has been successful in its efforts to protect the interests of the Navy.

4. The fourth part of the document is a report from the Secretary of the War, dated January 1, 1901. It is a report on the work of the Department of the War during the year. The Secretary states that the Department has been successful in its efforts to improve the management of the War. He also states that the Department has been successful in its efforts to protect the interests of the War.

5. The fifth part of the document is a report from the Secretary of the State, dated January 1, 1901. It is a report on the work of the Department of the State during the year. The Secretary states that the Department has been successful in its efforts to improve the management of the State. He also states that the Department has been successful in its efforts to protect the interests of the State.

[illegible]

N

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

BUFFALO OIL COMPANY BOX 517, ARTESIA, NEW MEXICO
Company or Operator Address
THOS. S. COX Well No. **1-X** in **SE 1/4 SW 1/4** of Sec. **17**, T. **18**
Lease
R. **32**, N. M. P. M., **Young** Field, **Lea** County.
Well is **2130** feet south of the North line and **955** feet west of the East line of **SW 1/4 Sec. 17**
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 **Thos. S. Cox** Address **Artesia, New Mexico**
The Lessee is **Buffalo Oil Company** Address **Artesia, New Mexico**
Drilling commenced **Oct. 2, 1948** Drilling was completed **Nov. 15, 1948**
Name of drilling contractor **Brewer Drilling Company** Address **Artesia, New Mexico**
Elevation above sea level at top of casing **3751** feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from **3730** to **3778** 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 **270** to **280** feet.
No. 2, from **470** to **480** 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		PURPOSE
							FROM	TO	
13	45	8	Seamless	300	Reg.	300			Cave
10-3/4	40.5	8 rd	H-40	673	"	673			
8-5/8	24	"	J-55	1043	"	None			Water
7	20	"	J-55	3723	Texas	None			Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13	13	300	None	Pump		10 sacks Aquagel
	10-3/4	673	None	Pump		10 " "
	8-5/8	1040	50	Pump		10 " "
	7	3703	50	Pump		15 " "

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

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 3778 feet, and from feet to feet

PRODUCTION

Put to producing 19.
The production of the first 8 hours was 42 barrels of fluid of which 100% was oil; %
emulsion; % water; and % sediment. Gravity, Be 36.3 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

Brewer Drilling Company Driller **C. O. Moutray** Driller
Carl Byler Driller **H. H. Hille** 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 1st day of December, 1948
Notary Public
My Commission expires 24, 1951
Artesia, New Mexico 12-1-48
Name **H. H. Hille**
Position **Superintendent**
Representing **Buffalo Oil Company**
Company or Operator
Address **Box 517, Artesia, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	8	8	Sand
8	15	7	Caliche
15	980	965	Red Beds
980	1210	230	Anhydrite
1210	1245	35	Broken anhydrite, shale & Salt
1245	2333	1088	Salt Beds
2333	3730	397	Anhydrite
3730	3778	48	Sand and Anhydrite