

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 063559
Unit M

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|-------------------------------------|--|--|
| NOTICE OF INTENTION TO DRILL | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| 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, N. M., January 14, 1955

Thos. S. Cox

Well No. 4 is located 460 ft. from N line and 990 ft. from W line of sec. 17

SW/4 SW/4 Sec. 17 18S 32E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Young Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

Buffalo Oil Company proposes to drill a well to a depth of about 3800' with rotary tools to test the "Red Sand" pay. 8 5/8" OD surface casing will be set at about 330' and cemented to the surface with 250 sacks cement. If a commercial well is indicated, 5 1/2" OD casing will be cemented at total depth with 350 sacks 8% gel, plus 100 sacks neat cement which is 1 1/2 times the theoretical fill to bring the top of cement above the top of the salt section. The well will be completed by perforating opposite the pay section and fracturing with sand oil.

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

Company BUFFALO OIL COMPANY

Address 203 CARPER BUILDING

ARTESIA, NEW MEXICO

By B. J. Hinson

Title Dist. Engr.

HOBBS OFFICE OCC

Company Buffalo Oil Company ¹⁹⁵⁵ JAN 21 AM 10:20

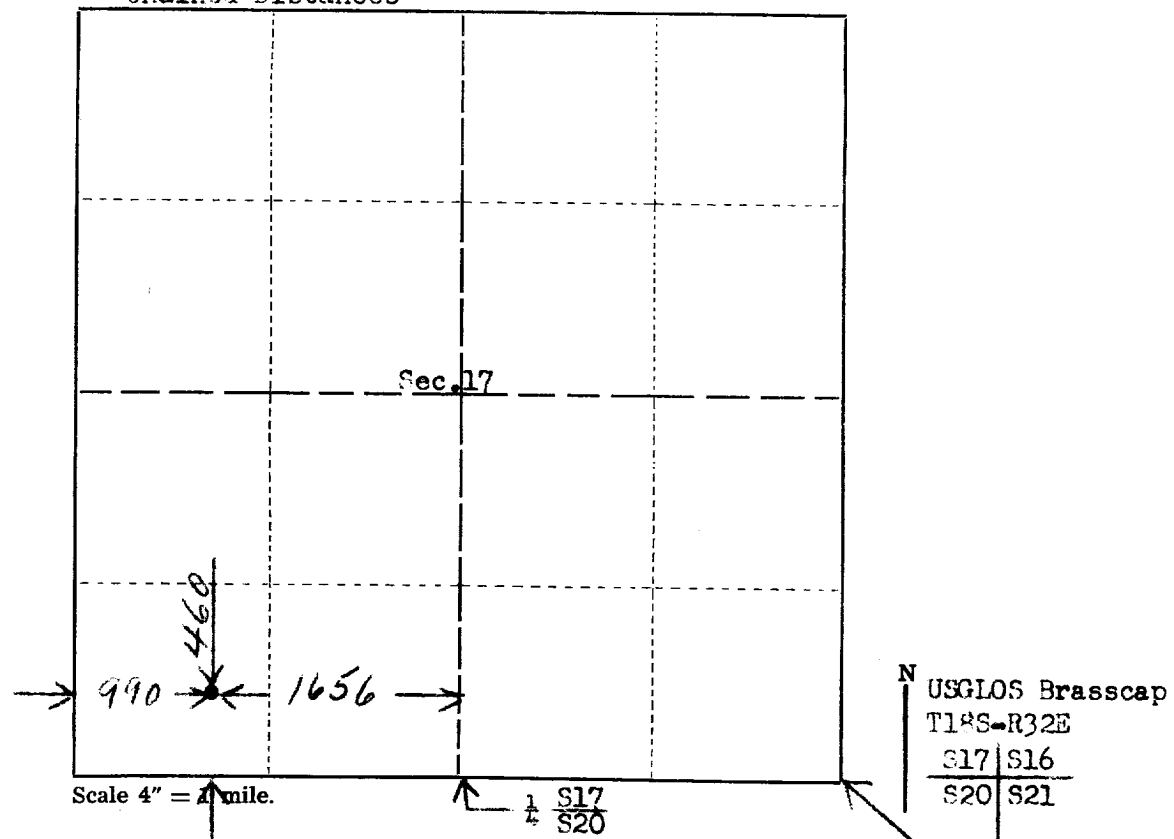
Lease Thomas S. Cox Well No. 4

Sec. 17 T. 18 S., R. 32 E., N.M.P.M.

Location SE 1/4 SW 1/4 (990' from West Line & 460' from South Line)

County Lea, New Mexico

Chained Distances



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Matson Jr.

Seal:
Artesia, New Mexico

Registered Professional
Engineer and Land Surveyor.

Surveyed January 14, 1955



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 187
Artesia, New Mexico

January 16, 1955

Mr. R. T. Wilson, Superintendent
T. J. McCurdy, et al
807 Fair Building
Fort Worth, Texas

Re: Las Cruces 063559
Well spacing or foot
location

Dear Mr. Wilson:

Following up on your long distance telephone conversation regarding the location of the Buffalo Oil Company's well No. 4 Cox located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, section 17, T. 18 S., R. 32 E., N.M.P.M., Lea County, New Mexico, it was pointed out that a 330 foot location is a legal location according to the rules and regulations of the New Mexico Oil and Gas Commission, and does not require a hearing before that body for approval.

If you have a copy of the rules and regulations of the Commission, your attention is called to section "c" page 12 of Rule 104, Well Spacing, which reads as follows quote "Each well drilled within a defined oil pool shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the United States Public Land Surveys or on a governmental quarter quarter section or lot and shall not be drilled closer than 330 feet to any boundary line of such tract or closer than 660 feet to the nearest well drilling to or capable of producing from the same pool; unquote.

The Geological Survey recognizes the rules and regulations of the New Mexico Oil Conservation Commission on well spacing and has approved the drilling of many wells on 330-foot locations.

Very truly yours,

(Orig. Sgd.) JOHN A. FROST

John A. Frost
District Engineer

JAF:mmc

Copy to: Buffalo Oil Co., Artesia, N.M.
New Mexico Oil Conservation Commission ✓
Artesia, N.M.