

APPROVED *[Signature]*
JUL 18 1955
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **029405-A**
Unit **D**

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	
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	Report after Sandfracs	X

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

Wm. Mitchell

Artesia, N. Mex. July 13, 19**55**

Well No. **A-5** is located **660** ft. from **N** line and **660** ft. from **W** line of sec. **19**

NW/4 NW/4 **19**
(1/4 Sec. and Sec. No.)

17E
(Twp.)

32E
(Range)

NMPM
(Meridian)

Maljamar
(Field)

Lee
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **3941** ft.

DETAILS OF WORK

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

Before sandfracs treatment this well was pumping 4 barrels oil per day. This well was sandfraced with 15,000 gallons refined oil and 20,000# sand. Break-down pressure with oil 2800 psi., injection pressure 3400 psi., injection rate 7.8 BPM. 30 min. SIP 1300 psi.

On re-completion test well flowed 124 bbls. oil in 24 hrs. on 16/64" choke, TP 200 psi., GGR 1592.

Approval for this job was obtained from Mr. John A. Frost via telephone conversation.

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 Bldg.,**

Artesia, New Mexico

By *Ralph L Gray*
Title **Supt.**