

Case No.

158

Application, Transcript,
Small Exhibits, Etc.

NO.
ADDRESS

Case 120 In the matter of app. of Buffalo
Oil Co. for unorthodox location etc.

CALL

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law of the following public hearings to be held September 30, 1948, beginning at 10:00 o'clock a.m. on that day in the City of Santa Fe, New Mexico.

STATE OF NEW MEXICO TO:

All named parties in the following cases
and notice to the public:

CASE NO. 157

In the matter of application of Skelly Oil Company for a special order authorizing dual completion for oil and gas production from two separate zones from a single well bore of its No. 1, Mexico "D" lease located in the center of NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 36, Township 23 South, Range 36 East, N.M.P.M., in the Langlie-Mattix Pool, Lea County, New Mexico.

CASE NO. 158

In the matter of application of Buffalo Oil Company for an order granting permission to drill an unorthodox location designated as Well No. 20-A, to be located 25 feet north and 25 feet west of the southeast corner of SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, Township 17 South, Range 32 East, N.M.P.M., on its Baish "A" federal lease in the Maljamar Pool in Lea County, New Mexico.

Given under the seal of the Oil Conservation Commission of New Mexico at Santa Fe, New Mexico on September 17, 1948.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

By R. R. Spurrier
R. R. SPURRIER, Secretary

OIL CONSERVATION COMMISSIO
SANTA FE, NEW MEXICO

17 September 1948

Mr. W. E. Scott
Buffalo Oil Company
P. O. Box 517
Artesia, New Mexico

Dear Mr. Scott:

This is to advise you that your petition which is known as
Case 158, will be heard on 30 September 1948.

Very truly yours,

RRS:bsp

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF A HEARING CALLED
BY THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO FOR THE
PURPOSE OF CONSIDERING:

CASE NO. 158

ORDER NO. 793

THE APPLICATION OF BUFFALO OIL
COMPANY FOR ORDER GRANTING PER-
MISSION TO DRILL UNORTHODOX LOCATION
DESIGNATED AS WELL NO. 20-A ON THAT
PORTION OF ITS BAISH "A" LEASE, DES-
CRIBED AS ALL OF SECTION 21, EXCEPT
S $\frac{1}{2}$ SE $\frac{1}{4}$, TWP. 17 SOUTH, RANGE 32 EAST,
N.M.P.M. IN THE MALJAMAR POOL OF LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This matter came on regularly for hearing at 10:00 o'clock
a.m., on September 30, 1948, at Santa Fe, New Mexico, before the
Oil Conservation Commission of New Mexico, hereinafter referred
to as the "Commission."

NOW, on this 4th day of October, 1948, the Commission having
before it the testimony adduced at the hearing of said cause
and being fully advised in the premises

FINDS:

1. That due public notice having been given in compliance
with law, the Commission has jurisdiction of the case and the
subject matter thereof;
2. That the petitioner is the owner of a Federal oil and
gas lease designated as Las Cruces Lease No. 029509 (a) covering
N $\frac{1}{2}$, SW $\frac{1}{4}$, and N $\frac{1}{2}$ SE $\frac{1}{4}$, Section 21, and W $\frac{1}{2}$ NW $\frac{1}{4}$, Section 22 in Township
17 South, Range 32 East, N. M. P. M. in the Maljamar Pool, Lea
County, New Mexico, upon which numerous oil wells have been
drilled;
3. That the acreage included in said lease is within the
area covered by the Maljamar Repressuring Agreement, and Well
No. 8-A on said lease was originally completed as an oil well,
thereafter converted from a producing to a gas injection or
"input" well; and the applicant may not allocate its potential
to other wells on the lease;

4. That an additional well drilled upon the same 40-acre unit as Well No. 8-A, would, in the case of production, in part recompense The Buffalo Oil Company for loss in converting the No. 8-A well from a producer to a gas injection well.

5. That the Federal Supervisor of Oil and Gas Operations is agreeable to the application.

IT IS THEREFORE ORDERED:

1. That the application of Buffalo Oil Company for an order authorizing an unorthodox well location, to be known as Baish Well No. 20-A and located 25 feet north and 25 feet west of the southeast corner of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21 in Township 17 South, Range 32 East, N.M.P.M., be and the same hereby is approved;

2. That should production be had in said Baish Well No. 20-A, the same shall not be produced, by itself or in conjunction with any other production on the same 40-acre unit, in excess of the allowable now, or which hereafter may be fixed by the Commission for a unit in the Maljamar Pool;

3. That Baish Well No. 8-A shall be and remain an "input" well.

IT IS FURTHER ORDERED that the applicant shall file authentic copies of Federal location notices for the herein authorized unorthodox well with the Commission, after approval thereof by the Federal Supervisor of Oil and Gas Operations.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Chairman

John E. Doolittle

Member

R. R. Burrier

Secretary

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF APPLICATION OF
BUFFALO OIL COMPANY FOR ORDER
GRANTING PERMISSION TO DRILL UN-
ORTHODOX LOCATION, DESIGNATED AS
WELL NO. 20-A, ON THAT PORTION
OF ITS BAISH "A" LEASE, DESCRIB-
ED AS ALL OF SECTION 21, EXCEPT
S/2 SE/4 OF SECTION 21, TOWNSHIP
17 SOUTH, RANGE 32 EAST, N.M.P.M.,
IN THE MALJAMAR FIELD OF LEA
COUNTY, NEW MEXICO

NO. 158

APPLICATION

BUFFALO OIL COMPANY, Applicant herein, is a corporation licensed to do business in the State of New Mexico, with an office located at Artesia, New Mexico, and in connection herewith, respectfully shows to the Commission:

1. That Applicant is the owner and operator of Federal Oil and Gas Lease bearing Las Cruces Serial No. 029509(a), covering the following described land, situated in Lea County, State of New Mexico, to-wit:

N/2, SW/4 and N/2 SE/4 Section 21; and
W/2 NW/4 Section 22, Township 17 South,
Range 32 East, N.M.P.M.

2. That said tract of land, hereinabove described, is located in what is known as the Maljamar Pool of Lea County, New Mexico, and that there have been drilled on said tract of land a total of fifteen wells which are producing from the Maljamar Pay, encountered at an approximate depth of 4,000 feet. That in addition to the fifteen wells producing from the Maljamar Pay,

there have been drilled two additional wells to the Maljamar Pay upon said above described tract of land, which wells are designated as Well No. 8-A and Well No. 26-A, which are being used at the present time as gas injection wells, through which gas is returned to the Maljamar reservoir.

3. That Well No. 8-A on the Baish "A" Lease is located in the center of the SW/4 of NW/4 of Section 21, Township 17 South, Range 32 East, N.M.P.M., and that, although said Well No. 8-A was originally drilled and completed as a producing oil well, several years ago this well was converted from a producing well to a gas injection well and has been used for the purpose of returning gas to the reservoir, and is being used as a gas injection well at the present time.

4. That the lease hereinabove described is located within the boundaries of the Maljamar Cooperative Re-pressuring Agreement and that operators in the Maljamar Cooperative Re-pressuring Agreement are not allowed to make up, from other wells located upon a lease, the allowable production lost by reason of the conversion of a well from a producing well to a gas injection well.

5. That Applicant, upon the basis of geological information, is advised and is of the opinion and belief that a well drilled on the tract of land hereinabove described, to be located 25 feet North and 25 feet West of the Southeast Corner of the SW/4 of the NW/4 of Section 21, Township 17 South, Range 32 East, N.M.P.M., to the Maljamar Pay, when completed, would be capable of producing a substantial quantity of oil; that said location is

shown on the map attached hereto, marked Exhibit "A", and by reference made a part hereof, and that the drilling of such location would be in the interest of conservation and would prevent waste, in that the drilling of said well would enable Applicant to recover a substantial quantity of oil which would not otherwise be recovered.

6. That Applicant desires to drill this additional well, to be numbered and located as follows:

BAISH WELL NO. 20-A, to be located 25 feet North and 25 feet West of the Southeast Corner of the SW/4 of the NW/4 of Section 21, Township 17 South, Range 32 East, N.M.P. M.,

the location of such well being shown on the map attached hereto, marked Exhibit "A".

7. That in the event a permit is granted Applicant to drill said well, upon completion of the same as a producing well, that the Oil Conservation Commission of New Mexico permit said well to produce the daily allowable for the forty acre unit upon which said well is located, in accordance with and as determined by the Allocation of Production Plan in use for proration units comprising leases within the boundaries of and committed to the Maljamar Cooperative Repressuring Agreement.

WHEREFORE, Applicant prays that it be granted permission to drill said well at the location hereinabove described and shown on the map attached hereto, marked Exhibit "A"; that the Commission set a date for hearing upon this Application, in accordance with its rules and regulations, and that upon presentation of this Application, that an Order be entered granting permission to Applicant to produce a daily allowable from the forty acre

proration unit upon which said well is located, in accordance with the Allocation of Production Plan in effect and applicable to leases within the Maljamar Cooperative Re-pressuring Agreement.

BUFFALO OIL COMPANY

By

W. E. Scott

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

W. E. SCOTT, being first duly sworn upon his oath, deposes and states: That he is Geologist and Agent for Applicant in the within and foregoing Application, and that he has read the same and from personal knowledge knows the matters therein contained to be true and correct, except such statements as are alleged upon information and belief, and as to those, he verily believes them to be true.

W. E. Scott

SUBSCRIBED AND SWORN TO before me this 31st day of August, 1948.

Notary Public

My commission expires:

April 15, 1950

R. 32 E.

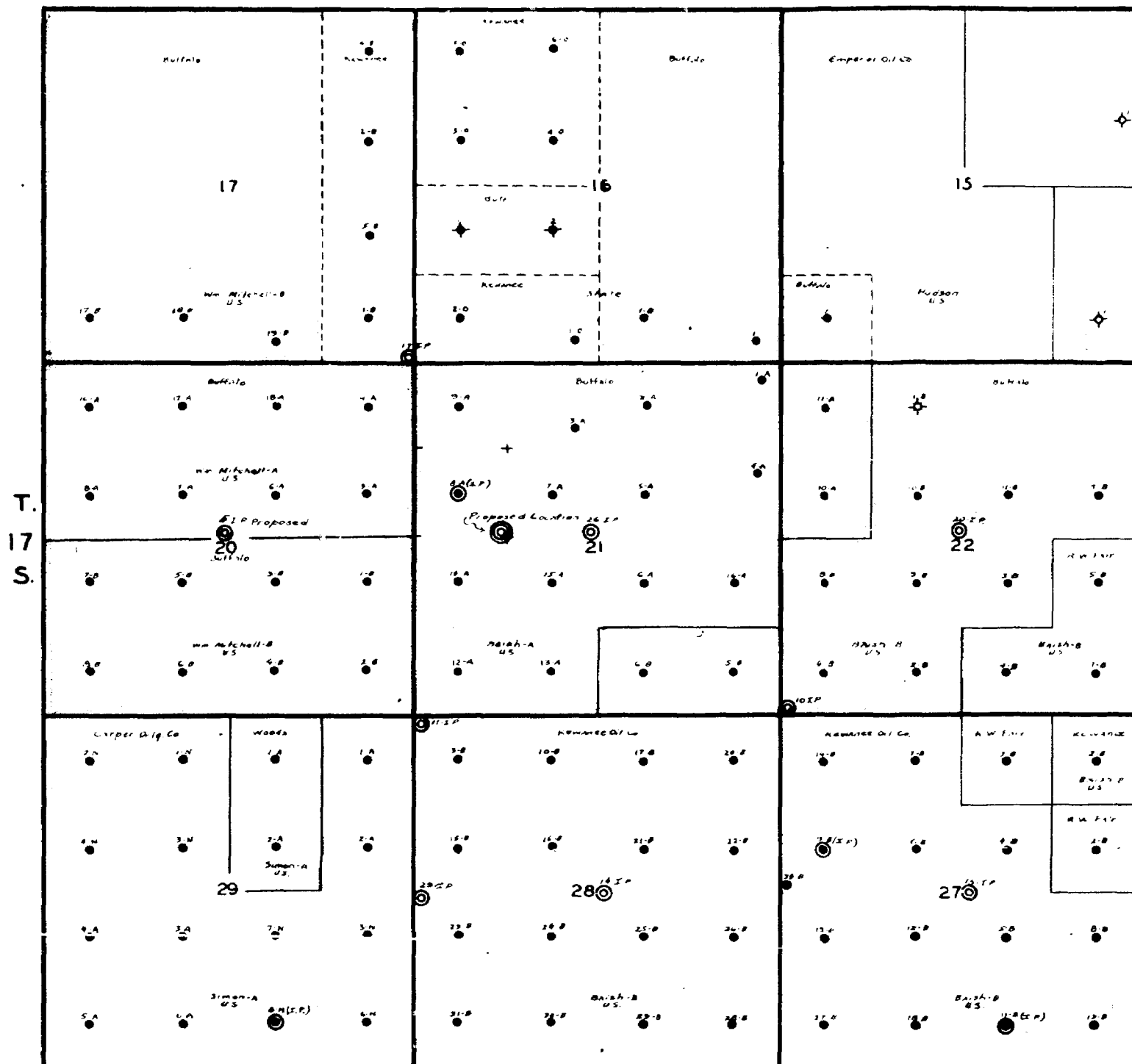


EXHIBIT "A"

A PART OF THE MALJAMAR POOL
LEA COUNTY, N.M.

● Gas Injection Wells