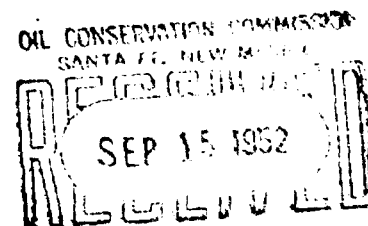


Case No.

411

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE OIL CONSERVATION COMMISSION
of the
STATE OF NEW MEXICO



IN THE MATTER OF THE APPLICATION OF
CULBERTSON & IRWIN, INC., FOR AN
ORDER GRANTING PERMISSION TO DUALY
COMPLETE AND PRODUCE ITS VOSBURG NO. 1
WELL IN THE LANGLIE-MATTIX POOL, LOCATED
IN THE NE/4 SE/4 SECTION 18, TOWNSHIP 25
SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY,
NEW MEXICO

Comes now, Culbertson & Irwin, Inc., a New Mexico corporation, operating in New Mexico from its office in Midland, Texas, and respectfully represents to the Oil Conservation Commission of the State of New Mexico, that on August 26, 1952 it completed Vosburg No. 1 well located in the center of the NE/4 NE/4 SE/4, Section 18, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, and that said well is producing from the Queen formation from open hole interval 3168 feet to total depth 3336 feet; and that the well is equipped with 7" casing set at 3168 feet and cemented with 200 sacks cement at the shoe of the casing and with 100 sacks cement through two-stage tool at 1052 feet.

Applicant further represents that a high pressure gas zone exists in the Yates formation, present and producing in the interval 2885-2972 feet in R. Olsen Oil Company's Gutman No. 2, an offset well located in NW/4 SE/4 Sec. 18, T-25-S, R-37-E and in the interval 2776-2936 feet in Dalport Oil Corporation's E. C. Winter No. 1, an offset well located in ~~SW/4~~ NE/4 Sec. 18, T-25-S, R-37-E.

NW

Applicant further represents that it is practical and economically feasible to dually complete their Vosberg No. 1 to produce oil from the Queen formation through the tubing and gas from the Yates formation through the tubing-casing annulus with proper packer and well-head connections, and in such manner that there will be no commingling of fluids between the two reservoirs.

Wherefore, applicant respectfully requests that this matter be set down for hearing on due notice, and that at such hearing it be authorized to dually complete said well in accordance with the foregoing petition and the rules and regulations of the Commission.

Attached hereto is a plat showing the location of the well proposed for dual completion and surrounding wells and leaseholds.

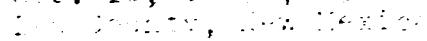
Done at Midland, Texas, on this September 11, 1952

Respectfully submitted,

CULBERTSON & IRWIN, INC.,

By Scott A. Murray

MIDLAND, TEXAS



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STUBBEMAN, MCRAE & SEALY
ATTORNEYS AT LAW
MCCLINTIC BUILDING
MIDLAND, TEXAS

THOMAS F. MCKENNA
ATTORNEY-AT-LAW
ROOMS 136-137 SENA PLAZA
SANTA FE, NEW MEXICO

September 13, 1952

Act Murray

Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Spurrier:

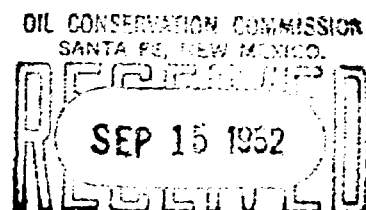
Enclosed herewith you will find the application in triplicate of Culbertson & Irwin, Inc. by Scott A. Murray, to dually complete and produce its Vosburg No. 1 Well. There is also enclosed the proposed order in this matter in triplicate.

I have been informed that this matter will be placed on the Docket for the month of October, and it will be sincerely appreciated if you will inform Mr. Scott A. Murray, 905 McClintic Building, Midland, Texas, as well as myself of its placing on the Docket for October.

Yours very truly,

Thomas F. McKenna
Thomas F. McKenna

TMCK:GH
Encs.



OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

September 25, 1952

C
O
P
Y

Mr. Scott A. Murray
905 McClintic Building
Midland, Texas

Dear Sir:

Your application on behalf of Culbertson & Irwin, Inc., for permission to dually complete your Vosburg No. 1 well, NE SE 18-258-37E has been set up as Case 411 and set for hearing on October 15, 1952.

Very truly yours,

W. B. Macey
Chief Engineer

WBM:mr

cc: Thomas McKenna, Attorney
136 Sena Plaza
Santa Fe, N. M.

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

October 28, 1952

C
O
P
Y

Mr. Scott A. Murray
905 McClintic Building
Midland, Texas

Dear Sir:

We attach herewith signed copy of Order R-213 issued by this
Commission in Case 411, heard on October 15, 1952.

Yours very truly,

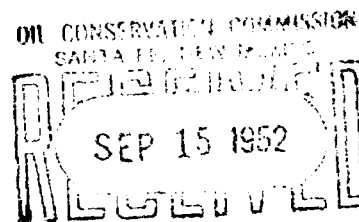
W. B. Macey
Chief Engineer

WBM:mr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

THE APPLICATION OF CULBERTSON
& IRWIN, INC. FOR AN ORDER
GRANTING PERMISSION TO DUALY
COMPLETE AND PRODUCE ITS VOSBURG
NO. 1 WELL IN THE LANGLIE-MATTIX
POOL, LOCATED IN THE NE/4 SE/4 SECTION
18, TOWNSHIP 25 SOUTH, RANGE 37 EAST,
NMPM, LEA COUNTY, NEW MEXICO

Order R-213



ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock A.M.
on October 15, 1952, at Santa Fe, New Mexico, before
the Oil Conservation Commission, hereinafter referred to as
the "Commission".

NOW, on the 20th day of October, 1952, the
Commission, a quorum being present, having considered the
records and the testimony adduced, and being fully advised
in the premises,

FINDS:

(1) That due notice having been given as required by
law, the Commission has jurisdiction of the case and the
persons and subject matter thereof.

(2) That applicant's Vosburg No. 1 well, NE/4 SE/4
Section 18, T-25-S, R-37-E, NMPM, was completed August 26, 1952
as an oil well producing from the Queen formation from open hole
interval 3168 feet to total depth 3336 feet, having drilled
through the Yates formation, a high pressure gas zone, 2790'-
2920'.

(3) That although recent experiments tend to show
that mechanical packers and other devices are ordinarily available
for successful dual/multiple completions of oil - gas wells,
the Commission is unconvinced of the soundness, as a waste-
prevention practice, of such dual/multiple completions as a
general practice in New Mexico without specific controls over
each such project.

IT IS THEREFORE ORDERED:

That the applicant herein, Culbertson & Irwin, Inc. be,
and it is hereby authorized to dualy complete and produce its
Vosburg No. 1 Well, NE/4 SE/4 Sec. 18, T-25-S, R-37-E, NMPM,
in the Langlie-Mattix Pool, Lea County, New Mexico, in such a
manner that gas from the Yates formation may be produced through
the annular space between the casing and the tubing, and oil
from the Queen formation through the tubing by proper perforations
and installation of a proper packer or packers;

PROVIDED, HOWEVER, That subject well shall be completed
and thereafter produced, in such a manner that there will be
no commingling within the well bore, either within or outside
the casing of gas, oil and gas, or oil produced from either or
both of the separate strata, and,

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representative, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined, and,

PROVIDED FURTHER, That the operator applicant shall make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within ten (10) days after the completion of such test, and,

PROVIDED FURTHER: That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas/oil ratio and reservoir pressure determination of each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing, the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

By

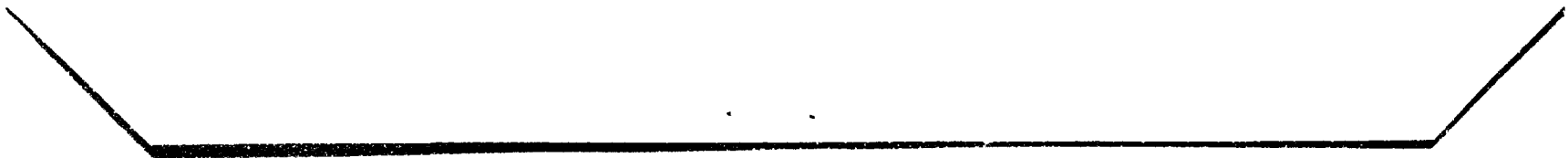
Edm. Thacker

By

Guy Shepard

By

R. R. Goussier



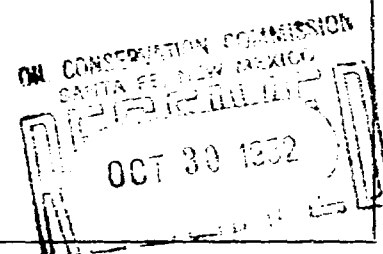
BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

TRANSCRIPT OF PROCEEDINGS

CASE NO. 411

October 15, 1952

Regular Hearing



E. E. GREESON
ADA DEARNLEY
COURT REPORTERS
BOX 1303
PHONES 5-9422 AND 5-7340
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico.
October 15, 1952.

In the Matter of:

Culbertson & Irwin's application for
permission to dually complete its
Vosburg No. 1, NE SE 18-25S-37E, Lea
County, N. M. (Langlie-Mattix Pool).

CASE NO. 411

TRANSCRIPT OF HEARING

(Notice of publication read by Mr. Graham.)

PAUL L. HAYES,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

By MR. WHITE:

Q Go ahead and make your statement.

A Paul L. Hayes, Division Geologist for Culbertson & Irwin Incorporated. The request is made in order to permit the production of gas from the Yates formation in our Vosburg No. 1 Well, which is now completed as a Queensand and Dolomite producer oil well. Yates gas is now being produced in wells offsetting this lease to the west and to the north in direct offsets.

Incidentally, there is an error in the original application, in that the Delport Oil Corporation No. E. C. Winter Well

was stated to be in the southwest quarter of the northeast quarter of Section 18- 25 South - 37 East, whereas it is actually in the northwest of the northeast.

We believe that the dual production, dual completion that is, of this well producing gas from the Yates formation and oil from the Queen formation can be completed in a manner such that it will provide for prevention of any waste or co-mingling of gasses and oils from the separate horizons, and will also permit the more economical operation of the lease, thereby conserving additional pipe which would be required to drill an extra well on the property for purposes of producing the gas. I believe that is all.

MR. SPURRIER: Is there any question of the witness?

Q (By MR. WHITE) What method do you intend to employ to prevent any intermingling?

A It is our intention to gun perforate the casing opposite the gas producing interval and set a packer below that gun perforated interval within the casing, thereby separate the gas from the open hole production of oil, the oil to be produced through the tubing, the gas to be produced through the tubing casing annulus.

MR. GRAHAM: How long has the Vosburg No. 1 been producing oil?

A The well was completed on - I may be mistaken - I believe it is August 26th.

MR. GRAHAM: Of this year?

A This year.

MR. GRAHAM: It is a new well?

A It is.

MR. GRAHAM: Is it top allowable?

A It is.

MR. GRAHAM: Are you familiar with the usual type of dual completion order used by the Commission?

A We have prepared three copies based on a prior order prepared by the Commission.

MR. GRAHAM: You are prepared to observe all those regulations?

A We are.

MR. GRAHAM: That is all.

MR. SPURRIER: Any further questions?

MR. MACEY: Is your well flowing now?

A It is a flowing well, yes.

MR. MACEY: Did you run a temperature survey on your production string?

A No, sir, we did not.

MR. MACEY: You had 200 sacks?

A I believe that is correct.

MR. SPURRIER: If no further questions, the witness may be excused. Any other comment in this case? If not we will go on to Case 412.


(Witness excused.)

ADA DEARNLEY & ASSOCIATES
COURT REPORTERS
ROOM 105-106, EL CORTEZ BLDG.
PHONES 7-9645 AND 5-9546
ALBUQUERQUE, NEW MEXICO

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

I, ADA DEARNLEY, do hereby certify that the above and foregoing transcript of proceedings in Case No. 411, taken before the Oil Conservation Commission on October 15, 1952, at Santa Fe, New Mexico, is a true and correct record.

Dated in Albuquerque, New Mexico, this 24th day of October, 1952.


Notary Public

My Commission Expires:
June 19, 1955.

ADA DEARNLEY & ASSOCIATES
COURT REPORTERS
ROOM 105-106, EL CORTEZ BLDG.
PHONES 7-9645 AND 5-9546
ALBUQUERQUE, NEW MEXICO

E. E. GREESON
ADA DEARNLEY
COURT REPORTERS
BOX 1303
PHONES 5-9422 AND 5-9546
ALBUQUERQUE, NEW MEXICO