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340

Application, Transcript,
Small Exhibits, Etc.

OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

Transcript of Hearing
CASE NO. 340

January 22, 1952

Hemrickson's Reporting Service 2224 - 47th Street Los Alamos, New Mexico

BEFORE THE OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

January 22, 1952

Case 340: In the matter of the application of the Stanolind Oil and Gas Company for an order permitting dual completion of gas from the Yates formation and oil from Queen of its C. Nevers B #11 well, located 660 feet from the morth line and 1980 feet from the east line of Section 6, Township 24 South, Range 37 Mast, Lea County, New Mexico.

LEWIS H. BOND,

after first having been duly sworn, testified as follows:

MR. BOND: I would like to submit as exhibit No. 1, a plat, showing the location of the well which is subject to this application, our Meyers B all which we have located and circled in red. As exhibit No. 2, I would like to submit a diagrammatic sketch of the method of dual completion which will be employed in

The well has recently been drilled to a total depth of thirty this well. seven handred and twelve (3,712) feet and seven inch casing has been set at thirty-four sixty one (3,461). It is now our intention to set a Baker Production Packer in the well between the Queen and the Yates Seven Rivers Formations. The Yates formation and the South of the Seven Rivers Formation will be perforated and will

annulus

produce gas through the "attics". The Queen formation will produce oil through the tube.

As Stanolind's exhibit No. 3, I would like to submit a copy active of the radio/leg on this well. This log, as indicated, shows the formation and where the perforation will be made and also the drill test information is noted thereon. The well will be completed in the manner that I have described so that there will be no mingling of the oil and gas production.

MR. GRAHAM: It's an oil-gas?

MR. BOND: It's an oil-gas completion - oil from the Queen and gas from the Yates.

MR. GRAHAM: Are you familiar with the use and type of order on this farmation issued by the Commission?

MR. BOND: Yes, sir.

MR. GRAHAM: Are you prepared to comply?

MR. BOND: Yes, we are prepared to comply with the tests that the Commission has outlined.

MR. GRAHAM: Are there any dual completions near this project?

MR. BOND: There are no other dual completions marked on the plat but, however, there have been numerous dual completions in the pool. There are a number of gas wells being completed in this immediate area.

MR. GRAHAM: Naturally, you'll produce the oil through the tubing?

MR. BOND: Yes, sir.

MR. GRAHAM: What type of devices and packers, etc?

MR. BOND: We will use a Baker Production Type Packer and an Otis side-door Cheke.

MR. SPURMIER: Are there any further questions of this witness? Did you offer these ---

MR. BOND: Yes, sir.

MR. SPURRIER: Without objection, they will be received. We will take this case, No. 340, under advisement.

STATE OF HEW MEXICO)
COUNTY OF LOS ALAMOS)

I hereby certify that the foregoing and attached transcript of hearing in Case 340 before the Oil Conservation Commission on January 22, 1952, at Santa Fe is a true record of the same to the best of my knewledge, skill and ability.

DATED at Les Alamos, this 24th day of January, 1952.

Andrey A. Benrickson

My commission expires September 20, 1955.

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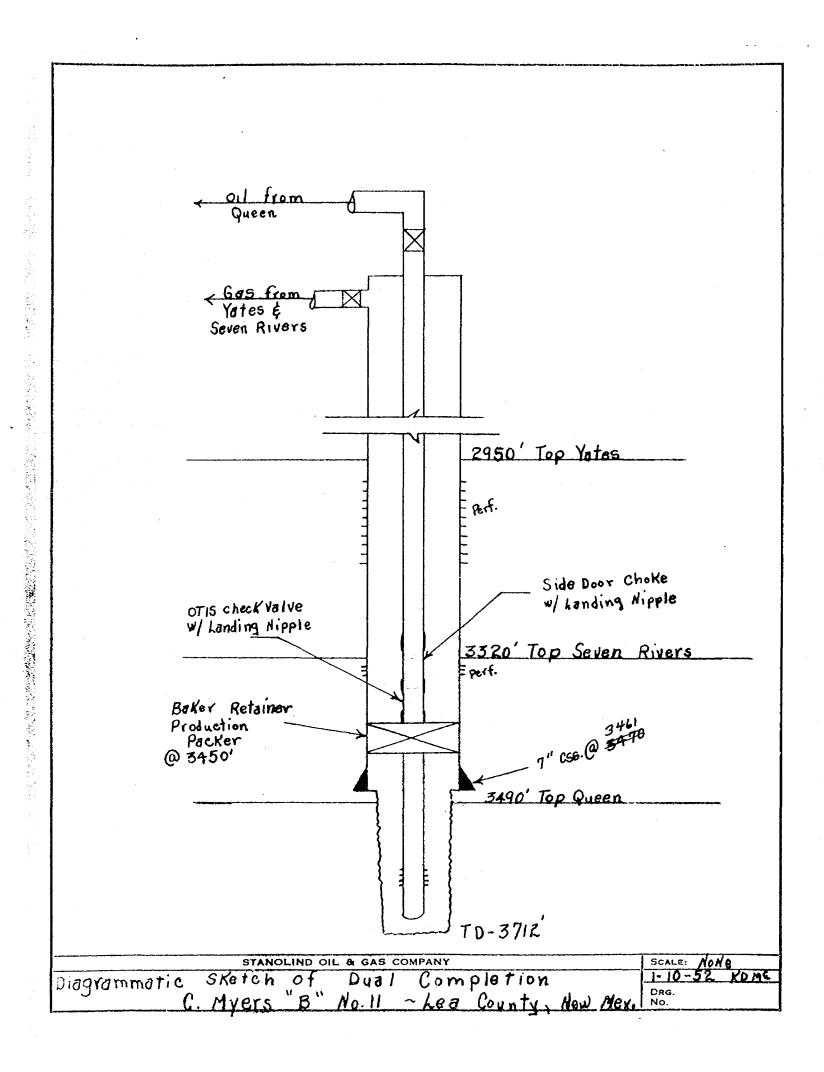
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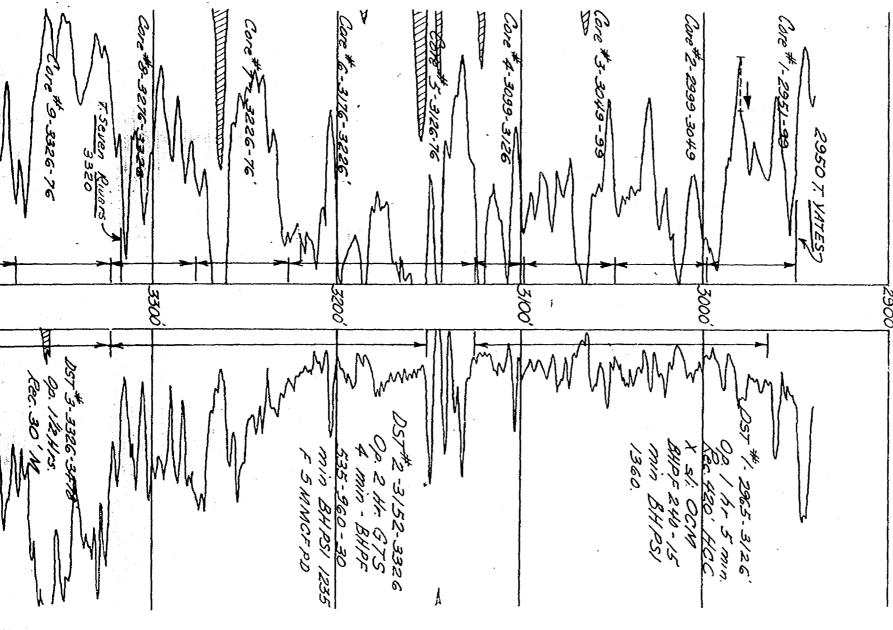
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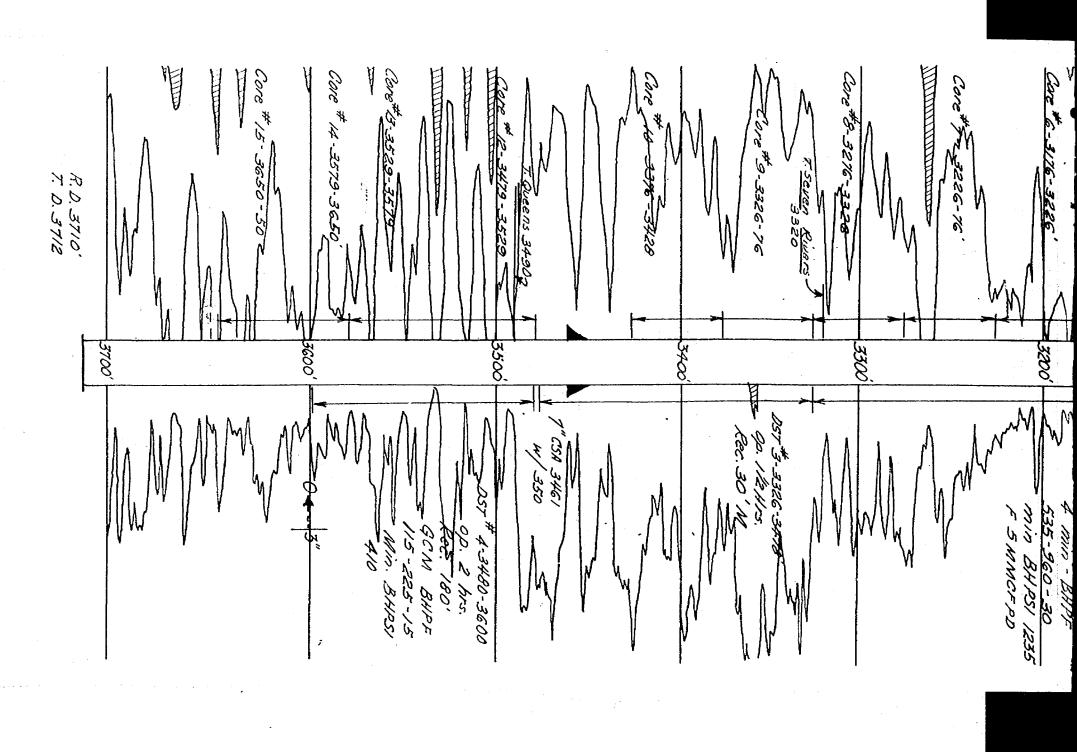


LANGLIE MATTIX
FIELD

STANOLIND OIL & GAS CO CALLO

MYERS "B" NO. 11

SALO



2010 EL3,

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE NO. 340 ORDER NO. R-130

IN THE MATTER OF THE APPLICATION OF STANOLIND OIL AND GAS COMPANY FOR AN ORDER PERMITTING DUAL COMPLETION OF GAS FROM THE YATES FORMATION AND OIL FROM THE QUEEN IN ITS C. MEYERS 'B' NO. 11 WELL, LOCATED 660 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE EAST LINE OF SECTION 6, TOWNSHIP 24 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10 o'clock a. m. on January 22, 1952, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 6th., day of March 1952, the Commission, a quorum being present, having considered the testimony adduced and the records in the matter as presented at the hearing,

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

IT IS THEREFORE ORDERED, That effective as of January 22, 1952, the applicant herein, Stanolind Oil and Gas Company, be and it hereby is authorized to dually complete and produce its well located 660 feet from the north line and 1980 feet from the east line of section 6, township 24, South, Range 37 East, NMPM, Lea County, New Mexico (in the Langlie-Mattix pool) in such a manner that gas from the Yates-Seven Rivers formation may be produced through the annular space between the casing and tubing, and oil from the Queen formation through the tubing by proper perforations and installations of 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 representatives, 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 prior to the time said well is dually / multiply completed the applicant shall furnish the Commission, for its approval, a drawing showing the proposed method and manner of completion, together with an electrical log showing the location and extent of each separate stratum yielding production, and the vertical footage location of the proposed perforations, 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 assigness 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

EDWIN L_MECHEM, Chairma

GUY SHEP END, Member

R. R. SPURMER, Secretary

AND)

Before We Oil Conservation Commission.

3 new mexico.

In the matter of the Learning Called by the Oil Conservation Communication of new Treysco for the Jurpose of Conserdering;

Case no 340

Order no ____

(Dual Completion)

He matter of the opplication of Standard Oil i Sas Company for an Order permitting dual Completion of has from the Yates formation and oil from the Julean in its C. Mayers B # 11, well brated 660' from the rath line and 1980 from the East line of beeting to the Trust of the East line of beeting the County, You Mapicol.

Odle of the Communion

This Cause came on for learning at 18:00 oce och am: on January 22, 1952 of Santa Fe, New Mexico, Lefane The Oil Conservation Commission of New Mexico, Leremapter referred to as the "Commission".

Now On this 8th day of February 1952, The Commission's Armany present, Considered the testimony addressed and the records in the matter as presented at the Learning,

Finds:

1. That due notice having been given to requires y lew, the Commission has jurischetten of the Case and the persons and Antyed-matter throug.

That although recent experiments tend to show that mechanical posters and other devises are ordinarily available for engineeringly Duscessful. Inal or multiple completions y one and gas evelly, the Commission is unconvinced y the Doundress y buch dual multiple completions as a general practice in New Mexico without specific Controls over each such further project.

His Therefore Ordered That expertise as of Jameary 22 1952 The applicant herein, Standard oil , gos Company, he and it is hereby is authorize or to duser Complete and produce its well located 660 for the north line and 1980 from the East line of section 6, Jusp 24.5. P. 37E, 2 m. f.m., Lea Count, 4 m (in Jack hatter pool .) in such yetes- Seven Rivers formation (3000) and the front drough the free (met - 3800+) The amelor spice between the Caring and trying, and oil from the Queen Jourston (3490-3800+) through the thibung by proper perforations an installations of proper pocker or prockers; Thousand, However Shot Sutjectivell shoet he completed, and thereofter produced, in such a manner will be no Comming lung within the week bore, ather within or outside the Coming, of Jas, oil and gas or all produced from either or both of the separate Stratam, and,

Fromided Jurther shot said Subject well for dual Completion and production shall be equipped in such a way that reservoir pressures may be determined Defrately for each of the two specified thating Stratum and further, be egupped with all necessary Connections required to permit recording neters to be installed and used, at any time, as may be required by the Communion or its representatives, in order that natural gas, oil, or oil and gas from each repaint thatum may be accurably Thereword and The gas-oil rates Thereof determined, and, Provided Junther that the operator-applicant shoel moter any and all tests, meluding Degregation tests, but not excluding other tests and for determinations at any convenient time, and in such manner as decomed necessary of the Commission; The Original and are subsequent tests shall be witnessed by a representations of the Commission and by representatives of Offset of other attoos, if any There be, at their election, and the The results of each test frozen, attested to, by the applicant kereing and see witnesses, and shale he filed With the Commission within the (10) days after the Completion 9 any men lest, and, Provided Jurther What prior to the time said well is dually multiply further completed the applicant shall showed the Communa, for its approved, a drawing the proposed method and manner of Completion, Together with an electrical log shown The location and extent geach reparate Stration yelding production, and the Vetters to footage location of the proposed perforations, and,

Fronted Juthe formate West upon the reliance that appeal well the Commission a diagrammetre Mutch of the Mechanical installation which was actually, used to Complete and produce the seal between the Strata, and a Spease report of production, Pas/oil Notio and Alservous pressur delermation Joleown Completion, It is farthe Ordered that Jurisdiction of This cause is herely retained of the Commission for Duck further order or orders as may seen necessary or convenient for the prevention of waste flet and a factor protection of Correlative nights comple with any reforments of this order after proper notice and hearing the Communion on many terminate. The Cultiporty Legrely granted, and require Efflicant of its Suggerors and arranges for limit its achorthes the and regular Angle Zone production in the interests of Conservation Ware at 8tide. In a the day and year teremotion designated -- Statog New Metre Oil Conservation Com (Sig) - grov. Sig. Heeg. Duester

Case 340

J. O. SETH
A. K. MONTGOMERY
OLIVER SETH
WM. FEDERICI
JUSTIN T. REID

SETH AND MONTGOMERY
ATTORNEYS AND COUNSELORS AT LAW
III SAN FRANCISCO ST.
SANTA FE, NEW MEXICO

December 18, 1951

OIL CONSERVATION COMMISSION Santa Fe, New Mexico

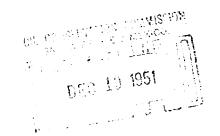
Gentlemen:

Enclosed please find in triplicate Petition by Stanolind Oil and Gas Company to dually complete the C. Meyers "B" No. 11 Well in the Langlie Mattix Field, Section 6, Township 24 South, Range 37 East, Lea County, New Mexico.

Please set this down for the January statewide hearing.

Very truly yours,

JOS:f



BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF STANOLIND OIL AND GAS COMPANY TO DUALLY COMPLETE THE C. MEYERS "B" NO. 11 WELL IN THE LANGLIE MATTIX FIELD, SECTION 6, TOWNSHIP 24 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO

CASE NO. 340

PETITION

Comes now Stanolind Oil and Gas Company and states that it is now drilling its C. Meyers "B" No. 11 well, located 660 feet from the North line and 1980 feet from the East line of Section 6, Township 2h South, Range 37 East, in the Langlie Mattix Field, Lea County, New Mexico, and that such well is now drilling below 1200 feet, and is expected to encounter gas in the Yates Zone at approximately 3000 feet and oil in the Queens Zone at approximately 3800 feet.

The applicant further states that gas from the Yates Zone may be produced through the annulus and the oil from the Queens Zone through the tubing without waste and without injury to any of the oil and gas formations which may be discovered in the well, and the production by such dual completion will result in a great saving of cost of drilling and particularly in the use of steel.

Applicant further states that it will install such efficient packer and other equipment that may be required by the Commission.

WHEREFORE, applicant prays 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.

STANOLIND OIL AND CAS COMPANY

BY added

Its Attorney

STATE OF NEW MEXICO) ss.
COUNTY OF SANTA FE)

In. H. Bond, being first duly sworn deposes and says that he is a petroleum engineer for the Stanolind Oil and Gas Company, the foregoing petitioner; that he has read said petition, knows the contents thereof, and the matters therein stated are true.

L. M. Boul

SUBSCRIBED AND SWORN To before me this 18th day of December, 1951.

Juda Julid Notary Public

My Commission Expires:

Dec. 5, 1955

BEFORE THE OIL CONSERVATION COMMISSION

OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF STANOLIND OIL AND GAS COMPANY TO DUALLY COMPLETE THE C. MEYERS "B" NO. 11 WELL IN THE LANGLIE MATTIX FIELD, SECTION 6, TOWNSHIP 24 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO

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STANOLIND OIL AND GAS COMPANY

(SEAL)

BY J. O. SETH

Its Attorney

STATE OF NEW MEXICO)
COUNTY OF SANTA FE)

L. H. Bond, being first duly sworn deposes and says that he is a petroleum engineer for the Stanolind Cil and Gas Company, the foregoing petitioner; that he has read said petition, knows the contents thereof, and the matters therein stated are true.

/s/ L. H. Bond

SUBSCRIBED AND SWORN TO before me this 18th day of December, 1951.

/s/ Freda Fifield Notary Public

My Commission Expires:

December 5, 1955

NOTE: This Case is to be heard January 22, 1952.