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Application, Transcript,
Small Exhibits, Etc.

BEFORE THE CIL CONSERVATION CONSIDERION OF THE STATE OF NEW LEWICO

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

09DER NO. 8-378 0ASB NO. 505

THE MATTER OF THE APPLICATION OF TIDE WATER ASSOCIATED CIL COMPANY FOR AN ORDER GRANTING PERMISSION TO BUALLY CONTLETE ITS A. B. COATES 'C' WELL NO. 1, SE/4 NW/4 SECTION 24, TOWNSHIP 25 SOUTH, RANGE 37 EAST, NORM, LEA COUNTY, NEW MEXICO, ALL GAL-GAL DICK THE PARSOL ZONE (4675-4715) AND THE QUEEN ZONE (2980-8150).

OMDER OF THE COMMISSION

BY THE COMMISSION:

This case came on regularly for hearing on September 17, 1953, at Santa Fe, New Mexico, before the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission."

how, on this day of October, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received, and being fully advised in the premises,

FINDS:

- (1) That due notice having been given in conformity with law, the Commission has jurisdiction of the case.
- (2) That the applicant's A. B. Coates '6' Well No. 1, SE/4 NN/4 Section 24, township 25 South, Range 37 Dast, NMPM, was completed February 3, 1951, as a gas well (open hole 2950 + 3300') in the Queen formation.
- (3) That applicant recompleted said well, despening the same to 49201 in the Paddock termution, which proved commercially productive of gas.
- (4) That mechanical packing and devices are now available for successful dual gas-gas completions, although the Commission's policy is to exercise specific control over each such project.

(5) That there is evidence to indicate that the gas from the queen formation has to gas cap gas, and its production may affect oil production in the area.

IT IS THEREFORE CATEREI:

That the applicant herein be, and it hereby is authorized to dually complete for production its a. B. Coates 101 Well No. 1, SE/4 NW/4 Section 24, Township 25 South, Range 37 Past, MMPM, (in the Justis des Pool for Paddock production, with the Queen production from the gas cap of the Langlie-Mattix Oil Pool), in such a manner that gas from the Queen zone may be produced through the casing-tubing annulus, and gas from the Isddock zone through the tubing by proper perforations and the installation of a subtable and offective packer;

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 hydrocarbons in whatever state, liquid or vaporous, produced from Either or both strata; and

PROVIDED FURTHER, that the subject well for half completion and production shall be equipped in such a way that reservoir procusess may be determined separately for each zone, and further, he equipped with the modessary connections required to permit recording geters to be installed and and you any time as required by the Commission or its representatives in order test day gas, wet gas or other hydrocarbons from each zone may be assurately constant and, it mecessary, oil-gas ratios determined; and

thousand first first the applicant of hall make any and all tests, mechaning beging whom tests, but not excluding other tests in for determinations at any Evarenced temo and in burs momen as deemed necessary by the Commissions the arisinal and all subsequent tests or determined the Commission of the test of the test

PROVIDED FURTHER That upon actual dual. Completion of subject Wells, applicant shall submit to the Commencer a diagramatic states of the mechanical motollation which was betwally used to complete and produce the teal between the Strata, together with a special report of production, nature of the production and reservoir pressure determination of each producing gone or formation, muchestely following duce Completion of Subject well. 11 15 FURTHER ORDERED That Jures decline of this case he, and it hereby is retained for such further Order or orders as ma, he becoming a convenient for The prevention of wester and probestion to production of gracion go. Kone al danta te, numeron The day and year kerematione disignaled.

The Conclusion

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TIDE WATER ASSOCIATED OIL COMPANY

MID-CONTINENT DIVISION

MELLIE ESPERSON BLDG. POST OFFICE BOX 1404

HOUSTON 1, TEXAS

August 21, 1953

AUG 2 4 1953

Mr. R. R. Spurrier, Secretary & Director New Mexico Oil Conservation Commission P. O. Box 871 Santa Fe. New Mexico

Dear Sira

Application is hereby submitted for permit to complete as a dual gas well, as per Rule 112-A. Tide Water Associated Oil Company's A. P. Coates "C" (Los Cruces 032650 (b) well #1), located as per attached plat, withmen in the defined limits of the Langlie-Nattix gas field and the Justis gas field, and completed in the manner as set cut in attached exhibit "B", sketch of hook-up, to permit no comingling of production from upper (Tubbs) gas zone 2980-3150° and lower (Paddock) gas zone 4675-4715°.

Notice of intention to drill or recomplete, (Form C-101), was filed on this well in lieu of Form 9-331-a on June 4, 1953. Miscellaneous report on semi-annual shut in gas well pressure, (Form C-103), was filed and approved June 22, 1953, on the Langlie-Mattix gas zone.

This well was deepened from 3300 4820, and an open hole DST of the Paddock zone indicated commercial gas production. Under paragraph (C) of Rule 112-A it is possible to obtain permit to dually complete without benefit of hearing, provided written consent is obtained from offset operators.

Copies of this request, with copies of plats, logs and aketches are being furnished to the following offset operators, with request that they furnish us as soon as possible a written reply stating their position on this requests

Western Matural Gas Co. c/o W. K. Davis, V.P., C. & I. Life Building, Houston, Texas

Amerada Pet. Corp., c/o John Cornwall, P. O. Box 591, Midland, Texas

Atlantic Refining Co. c/o W. C. Albight P. O. Box 6640 Roswell, New Mexico

Yours very truly,
TIDE WATER ASSOCIATED OIL COMPANY
By: 1. W. Children

EWC: stm

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TIDE WATER ASSOCIATED OIL COMPANY

MID-CONTINENT DIVISION
POST OFFICE BOX 731
TULBA 2. OKLAHOMA

OFFICES IN
THOMPSON SUILDING

August 24, 1953

VIA AIR NAIL

Mr. R. R. Spurrier, Secretary & Director
New Maxico Oil Conservation Commission
P. O. Box 871
Santa 7s, New Mexico

Dear Sir:

Attached please find letter addressed to you which was received in this effice through error.

Yery truly yours,

J. E. Roth

JER: hm

Attach.

TIDE WATER ASSOCIATED OIL COMPANY

MID-CONTINENT DIVISION

MELLIE ESPERSON BLDG. POST OFFICE BOX 1404

HOUSTON 1, TEXAS

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REPLY	RETURK
NOTE	FILE

August 21, 1953

Mr. R. R. Spurrier, Secretary & Director, New Mexico Oil Conservation Commission, P. O. Box 871, Santa Fe, New Mexico.

Dear Sir:

Application is hereby submitted for permit to complete as a dual gas well, as per Rule 112-A, Tide Water Associated Oil Company's A. B. Coates "C" (Los Cruces 032650 (b) well #1), located as per attached plat, within the defined limits of the Langlie-Mattix gas field and the Justis gas field, and completed in the manner as set out in attached exhibit "B", sketch of hook-up, to permit no comingling of production from upper (Tubbs) gas zone 2980-3150 and lower (Paddock) gas zone 4675-4715.

Notice of intention to drill or recomplete, (Form C-101), was filed on this well in lieu of Form 9-331-a on June k, 1953. Miscellaneous report on semi-annual shut in gas well pressure, (Form C-103), was filed and approved June 22, 1953, on the Langlie-Mattix gas zone.

This well was deepened from 3300°-4820°, and an open hole DST of the Paddock some indicated commercial gas production. Under Paragraph (c) of Rule 112-A it is possible to obtain permit to dually complete without benefit of hearing, provided written consent is obtained from offset operators.

Copies of this request, with copies of plats, logs and sketches are being furnished to the following offset operators, with request that they furnish us as soon as possible a written reply stating their position on this request:

Western Natural Gas Co. & W. K. Davis, V.P. C & I Life Building Houston, Texas

Amerada Pet, Corp. % John Cornwall P. O. Box 591 Midland, Texas

Atlantic Refining Co. % W. C. Albight P. O. Box 6640 Roswell, New Mexico

Yours very truly.

TIDE WATER ASSOCIATED OIL COMPANY

By; E. W. Childen

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Legal Notice OCC Hearing	Publication:
Date:	Kobbs
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In the matter of the application of Tide Water Associated Oil Company for an order granting permission to dually complete it's A. B. Coates "C" Well No. 1, SE/4 NW/4 Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico in such a manner as to permit production of gas from the Paddock gas zone of the Justis Gas Pool at an approximate depth of \$2675-4715 through the tubing and gas from the Seven Rivers zone at an approximate depth of 2080-3150 thus the Carry of tubing Annulus.

Dec 375 TIDE WATER ASSOCIATED OIL COMPANY MID-CONTINENT DIVISION MELLIE ESPERSON BLDG. POST OFFICE DOX 1404 HOUSTON 1, TEXAS September 1, 1953 Mr. R. R. Spurrier, Secretary & Director, New Mexico Oil Conservation Commission, P. O. Box 871, Santa Pe, New Mexico Attached please find original and two copies of an application to dually complete the Tide Water A. B. Coates "C" #1, with geological plat showing the contours on top of the Queen sand and the diagramatic eketch of the proposed mechanical hookup to prevent commingling of the production from the zones. This application covers the dual completion of this well in the Queen sand from 2980-3150 in the Paddock gas zone from 4675-47151.

On August 21, 1953, application was submitted for permission to dually complete this well under Rule 112-A (C). Under this Rule a hearing was unnecessary. We were later advised by Mr. Macey, Chief Engineer for the Conservation Commission, that the Queen sand at this location was not within the defined limits of the Langlie-Mattix Pecl. For this reason it will be necessary to have a hearing to obtain permission for dually completing this well and we request that this application be put on the September docket.

Yours very truly,

TITE WATER ASSOCIATED OIL COMPANY

JMT: 1f

Dear Sirt

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cc: Federal Office. Hobbs, New Mexico

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW FEXTOR

SUBJECT: DUAL COMPLETION

APPLICATION OF TIDE WATER ASSOCIATED OIL COMPANY FOR DUAL COMPLETION OF ITS A. B. COATES "C" WELL #1 (LOS CRUCES 032650-b). SE/4, NM/4. Section 24. TOWNSHIP 25 SOUTH. RANGE 37 EAST, LEA COUNTY, NEW MEXICO, WITH GAS PRODUCING ZONES IN THE QUEEN & GIORIETA (PADDOCK).

APPLICATION

COMES NOW, Tide Water Associated Oil Company, a Delaware Corporation, operating in New Mexico from a field office in Hobbs, and respectfully represents to the Oil Conservation Commission of the State of New Mexico as follows:

- 1. That Tide Vater Associated Oil Company's A. B. Coates "C" Well #1, located in the SE/4 of the NW/4 of Section 24, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico, was completed February 3, 1951 as a gas well with absolute open flow potential of 2700 MCF/day from the Queen formation from open-hole (2950'-3300'). Seven-inch production casing was set at 2950' and cemented with 1200 sacks. Miscellaneous report on semi-annual shut-in gas well pressure, (Form C-103), was filed and approved June 22, 1953, on the Lenglie Mettix, Queen gas zone.
- 2. That attached hereto is a plat showing the location of A. B. Coates "C" #1 and surrounding wells end leaseholds, with conquire showing the extent of Queen sand production which indicates that this sand at this location is a common source of supply with the Langlie Mattix Queen sand gas pool.
- 3. That applicant filed notice of intention to drill or recomplete (Form C-101) on June 4, 1953 in lieu of Form 9-331-a.
- 4. That applicant drilled deeper A. B. Coates "C" #1 from 3300' to 4820', where a drill stem test indicated that the Glorieta (Paddock) within the defined limits of the Justis (Gas) Pool was commercially productive and set 5" liner from 2825' to 4815' and cemented with 250 sacks.
- 5. That applicant represents it is practical and economically feasible to dually complete the A. B. Coates "C" #1 to produce gas from the Glorieta (Paddock) through the tubing and gas from the Queen through the annular space between casing and tubing by proper perforations and installation of proper packer and wellhead connections, and in such manner that there will be no commingling of production between the two reservoirs.

SUBJECT: DUAL COMPLETION

- 6. Applicant further represents that the granting of this application for permission to produce dually gas from the Queen formation and gas from the Glorieta (Paddock) formation is in the interest of conservation and the protection of correlative rights.
- 7. That applicant proposes to dually complete said well to produce gas from the Queen some through the tubing-casing annulus and gas from the Glorieta (Paddock) zone through the tubing in the following manner:
 - (a) Perforate the Glorieta (Paddock) zone from 4675! to 4715! as indicated by radioactivity log.
 - (b) Perforate Queen zone 2980' to 3150' as indicated by radioactivity log.
 - (c) Set production type packer at approximately 46001, between the perforations at 46751-47151 and 29801-31501.
 - (d) Set side-door choke in tubing string 3 approximately 4540! to permit bottom hole pressure tests of individual zones,
- 8. That upon actual completion of the subject well applicant will submit to the Commission a special report of open-flow potentials and reservoir pressure determination of each zone immediately following completion.
- 9. That copies of this application have been sent to operators of all producing properties adjoining said Coates "C" lease of applicant; and copies of radioactivity log along with diagrammatic aketch of the mechanical installation to be used are filed with the Commission.

WHEREFORE, Applicant requests that a hearing be held to show cause for placing the Queen gas zone of A. B. Coates "C" well #1 within defined limits of the Langlie Mattix gas pool and be permitted to dually complete the subject well in the manner aforesaid.

Done at Houston, Texas, on this the 27th day of August, 1953.

Respectfully submitted,

TIDE WATER ASSOCIATED OIL COMPANY

A. M. Thern.

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TIDE WATER ASSOCIATED OIL COMPANY

MID-CONTINENT DIVISION

MELLIE ESPERSON BLDG. POST OFFICE BOX 1404

HOUSTON 1, TEXAS

mgust 21, 1953

Kr. R. Spurrier, Secretary & Director For Mexico Oil Conservation Commission P. O. Box 871 Santa Po, New Mexico

Dear Sire

Appliention is hereby submitted for permit to complete as a dual gas well, as per Rule 112-A. Tide Water Associated Gil Company's A. B. Coates "G" (Les Gruces 032650 (b) well #1), lecated as per attached plat, within the defined limits of this Langlie-Mettix gas field and the Justic gas field, and empleted in the namer as set out in attached exhibit "B", sketch of host-up, to permit no comingling of production from upper (Buttes) 7 Ruins gas some 2980-3150' and lever (Paddeck) gas some 4675-4715'.

Notice of intention to drill or recomplete, (form G-101), was filed on this well in lieu of Ferm 9-331-a on June 4, 1953. Hiscollaneous report on semi-ammal shut in gas well pressure, (Ferm G-103), was filed and approved June 22, 1953, on the Langlie-Mattix gas seme.

This well was despend from 3300 -5020, and an open hole BOT of the Peddock some indicated commercial gas production. Under paragraph (C) of Bale 112-A it is possible to obtain permit to dually complete without benefit of hearing, provided written consent is obtained from offset operators.

Copies of this request, with copies of plats, legs and sketches are being furnished to the following offset operators, with request that they furnish us as seen as possible a written reply stating their position on this request:

Western Entural Gas Co. c/o W. K. Davis, V.P., C. & I. Life Building, Houston, Texas

America Pet. Corp., c/e John Cornwell, P. O. Box 591, Midlend, Texas

Atlantic Refining Co. c/o V. C. Albight P. O. Box 6640 Boswell, New Mexico

Yours very truly.
TIDE WATER ASSOCIATED DIL COMPANY
By: L. M. Children

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By The Commission.

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(1) That due notice having her given in Commission has Junidiction of the case.

(5) That the applicants A,B, (oates 1-c well in De Nwt bec 24, Twp 25 S. R. 39 E, nmpm was completed February 3 1951 As a gas well, open-hole 2950'-3300' in The Queen Formation.

(3) That applicant becompleted said week, deepining with same to 4850' in The probock formation which provide Commercially productive of yes.

(4) That thechanical problem and devices die nowavailable for success fre dual gas-gas Completions, allings. The Commissions policy is to exercise Springic control over every buch propert.

(5) That There is induced to indicate that the gas from the Green formation may be gas-cap gas and sets production may expect one production. in the Area

(6) That other wells in the hera him teen dually Completed.

IT is There per Creams.

That the applicant herem he, and it hered is authorized to charley complete for production ats A.B. Copies I-C well in the Se New Dec 24, 7.255.

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Exercised fronther that the Subject well for dual completion and production that he equipped in such a way that reservoir pressures may be determined beforately for lock zone, and further, be equipped with all necessary Connections required to person recording meters to be installed and used, at my time required by the Commission or its bepresentatives, in Order that dry gas, metgas or eithe hydrocarbons from lack zone may be accurately measured and of seceroary oil-gas ratios be determined, and

New Mexico

OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM CHAIRMAN LAND COMMISSIONER E.S.WALKER MEMBER

STATE GEOLOGIST R.R.SPURRIER SECRETARY AND DIRECTOR



SANTA FE. NEW MEXICO

October 6, 1953

Memo, to the Commission

CASE 575:

The application of Tidewater Associated Oil Company for permission to dually complete its No. 1 "C" Coates, SENW, Section 24, Township 25 South, Range 37 East, as a gasgas dual in the Paddock Zone (4675-4715) and the

Queen Zone (2980-3150)

Recommendation:

It is recommended that the application be approved and that Tidewater be granted permission to dually complete and produce this gas-gas dual. It should be pointed out that the Queen sand (the upper producing zone of the dual) is also an oil producing zone in this area in the Langlie-Mattix Pool and that Tidewater will actually be producing gas-cap gas.

There are a number of other Queen gas wells in the area. None of them have been put in a defined gas pool as yet.

W. B. Macey

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. 575 Order No. R-378

THE MATTER OF THE APPLICATION OF TIDE WATER ASSOCIATED OIL COMPANY FOR AN ORDER GRANTING PERMISSION TO DUALLY COMPLETE ITS A. B. COATES 'C' WELL NO. 1, SE/4 NW/4 SECTION 24, TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY, NEW MEXICO, AS A GAS-GAS DUAL IN THE PADDOCK ZONE (4675-4715) AND THE QUEEN ZONE (2980-3150).

ORDER OF THE COMMISSION

BY THE COMMISSION:

This case came on regularly for hearing on September 17, 1953, at Santa Fe, New Mexico, before the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission."

NOW, on this 2/day of October, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received, and being fully advised in the premises,

FINDS:

- (1) That due notice having been given in conformity with law, the Commission has jurisdiction of the case.
- (2) That the applicant's A. B. Coates 'C' Well No. 1, SE/4 NW/4 Section 24, Township 25 South, Range 37 East, NMPM, was completed February 3, 1951, as a gas well (open hole 2950-3300') in the Queen formation.
- (3) That applicant recompleted said well, deepening the same to 4820' in the Paddock formation, which proved commercially productive of gas.
- (4) That mechanical packers and devices are now available for successful dual gas-gas completions, although the Commission's policy is to exercise specific control over each such project.

IT IS THEREFORE ORDERED:

That the applicant herein be, and it hereby is authorized to dually complete for production its A. B. Coates 'C' Well No. 1, SE/4 NW/4 Section 24, Township 25 South, Range 37 East, NMPM, (in the Justis Gas Pool for Paddock production, with the Queen production from the gas cap of the Langlie-Mattix Oil Pool), in such a manner that gas from the queen zone may be produced through the casing-tubing annulus, and gas from the Paddock zone through the tubing by proper perforations and the installation of a suitable and effective packer;

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 hydrocarbons in whatever state, liquid or vaporous, produced from either or both strata; and

PROVIDED FURTHER, That the subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each zone, and further, be equipped with all necessary connections required to permit recording meters to be installed and used at any time as required by the Commission or its representatives in order that dry gas, wet gas or other hydrocarbons from each zone may be accurately measured and, if necessary, oil-gas ratios determined; and

PROVIDED FURTHER, That the 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 or determinations shall be witnessed by a representative of the Commission and representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant and all witnesses, and shall be filed with the Commission within ten (10) days after completion of such test, and,

PROVIDED FURTHER, That upon actual dual completion of 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, together with a special report of production, nature of the production and reservoir pressure determination of each producing zone or formation, immediately following dual completion of subject well.

IT IS FURTHER ORDERED: That jurisdiction of this case be, and it hereby is retained for such further order or orders as may be necessary or convenient for the prevention of waste and protection of correlative rights.

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

STATE OF NEW MEXICO .
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Member and Secretar

SEAL

BEFORE THE OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

Santa Fe, New Mexico September 17, 1953

In the matter of:

The application of Tide Water Associated Oil Company for an order granting permission to dually complete its A. B. Coates "C" Well No. 1, SE/4 NW/4 Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico in such a manner as to permit production of gas from the Paddock gas zone of the Justis Gas Pool at an approximate depth of 4675-4715 through the tubing and gas from the Seven Rivers zone at an approximate depth of 2980-3150 through the casing and tubing annulus.

Case 575

TRANSCRIPT OF HEARING

MR. SPURRIER: Next case is Case 575.

(Notice of Publication read by Mr. Graham)

(Witness Sworn)

J. B. HALLOWAY

having first been duly sworn, testified as follows:

MR. HALLOWAY: J. B. Halloway representing Tidewater Associated Oil Company. Tidewater Associated Oil Company completed its A. B. Coates "C" Well No. 1 located in the SE/4 NW/4 Section 24, Township 25 South, Range 37 East, NMPM, Lea County, NewMexico on February 3, 1951 as ε gas well with an open flow potential of 2700 MCF per day from the Queen or Seven Rivers formation from open hole 2950' to 3300'. Set at 2950' and cemented with 1200 sacks. This well is within the limits of the Langlie-Mattix pool but is upon the present eastern designated boundary of the Langmat gas pool.

Application was filed on June 4, 1953 to deepen this well

through the production gas zone and attempt to make it a successful gas pool completion in the Justis Gas pool with the view in mind to dually complete it. Our application was approved and the well was deepened from 3300' to 4820' where drill stem tests indicated that the well was commercially productive from the Paddock formation. A five inch liner was set from 2825' to 4815' and cemented with 250 sacks

Applicant now represents that it is practical and economically feasible to produce gas from the Queen or Seven Rivers formation through the annulus between the casing and tubing and from perforations 2980' to 3150' and gas from the Paddock formation through the tubing from perforations 4675' to 4715'. Separation between the two producing zones can be maintained by a productive packer set at approximately 4600' between the perforation. A side door choke set in the tubing string at approximately 4540' will permit bottom-hole pressure tests to be made of the individual zones.

Upon approval of this application, Tidewater will attempt final completion of the well and immediately file a special report of open flow potentials and reservoir pressure predominations of each zone.

An electrical log and a diagrammatic stetch showing the proposed dual completion has been previously submitted.

That's all I have, Mr. Examiner, unless you have some questions.

MR. SPURRIER: Does anyone have a question of the witness?

If not the witness may be excused and we will take the case under advisement and move on to Case 576.

CERTIFICATE

I, Virginia M. Chavez, hereby certify that the above and foregoing transcript of proceedings in Case 575, taken before the Oil Conservation Commission on September 17, 1953, at Santa Fe, New Mexico is a true and correct record to the best of my knowledge, skill and ability.

Dated in Santa Fe, New Mexico this 19th day of October, 1953.

Unitary Public

My Commission Expires: August 8, 1956 SCHWELLINK!

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