

CASE 2022: Appl. of CONSOLIDATED
for unorthodox location and a
dual completion, Rio Arriba County.

CASE NO.

2922

Application,
TRANSCRIPTS,
SMALL Exhibits
ETC.

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico

Oil Conservation Commission



LAND COMMISSIONER
E. S. JENNIFER WALKER
MEMBER

P. O. BOX 871
SANTA FE

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

November 13, 1963

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1713
Santa Fe, New Mexico

Re: Case No. 2922
Order No. R-2597
Applicant:
Consolidated Oil & Gas, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, JR.
Secretary-Director

ix/

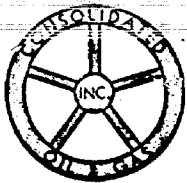
Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC

Antec OCC x

OTHER



Consolidated Oil & Gas, Inc.

Executive Offices

2150 EAST MEXICO AVENUE
DENVER, COLORADO 80222
PHONE: 787-5441

W. H. Williams
September 23, 1963

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Southern Union Gas Company
Fidelity Union Tower
Dallas 1, Texas

Huron Drilling Company, Inc.
715 Farmers Union Building
Denver 3, Colorado

Gentlemen:

Attached is a copy of a letter to the Oil Conservation Commission of New Mexico requesting a hearing for an unorthodox location for the Consolidated Jicarilla Well No. C-1-11. This well is located in the southeast quarter of Section 11, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

If, as an offset operator, you have no objection to this unorthodox Mesaverde location, we would appreciate your so notifying the Oil Conservation Commission. A carbon copy of your letter directed to the undersigned would also be appreciated.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

W. H. Williams, Chief Engineer

WHW:pt
Attachment

Case 2922

Company SOUTHERN UNION GAS COMPANY

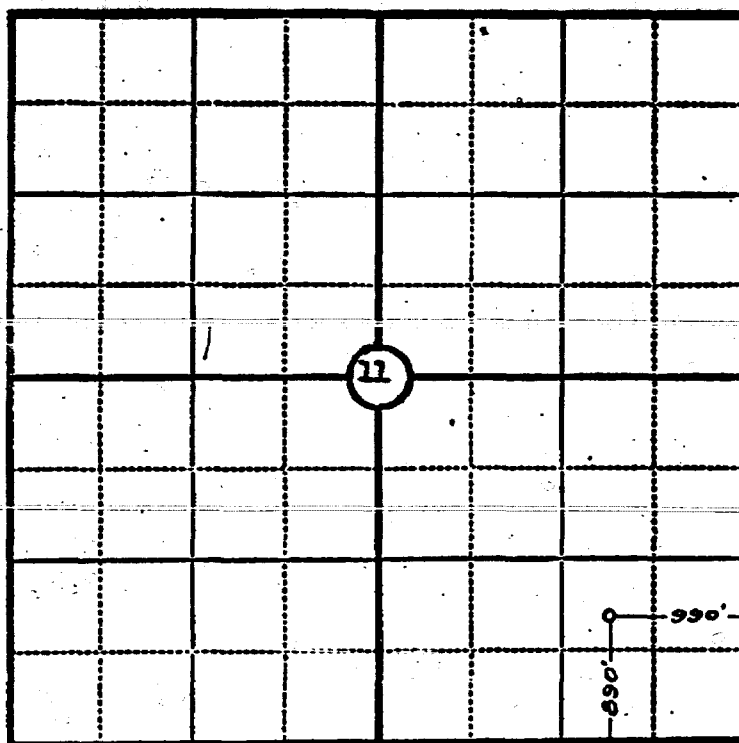
Lease Jicozilla Well No. 2nd

Sec. 11, T. 26 N, R. 4 W, N.M.P.M.

Location 890' from the South line and 990' from the East line.

Rio Arriba County

New Mexico



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Professional
Engineer and Land Surveyor.

Charles J. Finklea
N. Mex. Reg. No. 1302

Surveyed

19 March

1954

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

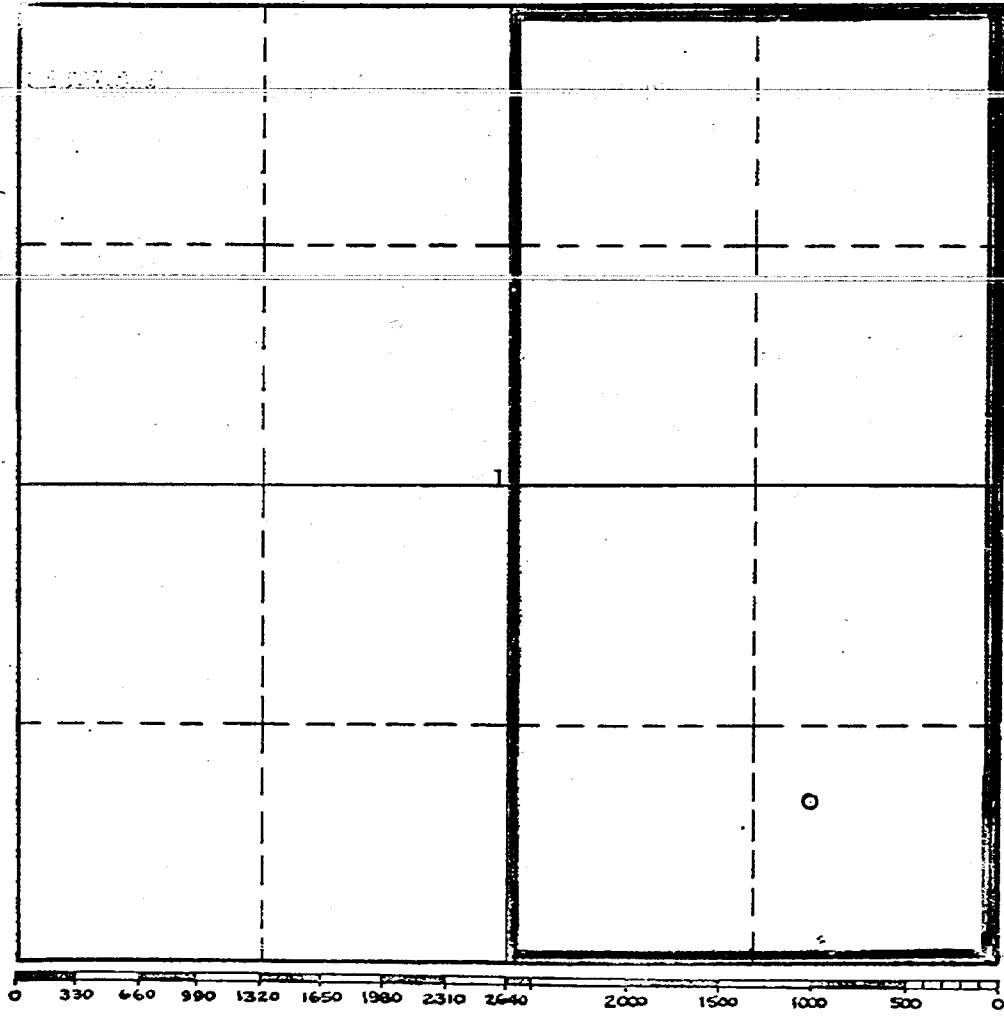
Section A. Date _____

Operator Consolidated Oil & Gas, Inc. Lease Jicarilla
Well No. C-1-11 Unit Letter P Section 11 Township 26N Range 4W NMPM
Located 890 Feet From South Line, 990 Feet From East Line
County Rio Arriba G. L. Elevation 6847 Dedicated Acreage 320 Acres
Name of Producing Formation Dakota Pool Basin

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

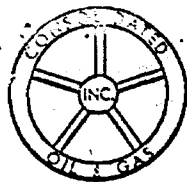
Consolidated Oil & Gas, Inc.
(Operator)
W. Williams
(Representative)
4150 East Mexico Avenue
Address
Denver 22, Colorado

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.
Date Surveyed 3-19-54

Charles J. Finklea
Registered Professional
Engineer and/or Land Surveyor.

SEE ATTACHMENT
Certificate No. _____

(See instructions for completing this form on the reverse side)



Consolidated Oil & Gas, Inc.

Executive Offices

4150 EAST MEXICO AVENUE
DENVER, COLORADO 80222
PHONE: 787-8441

September 23, 1963

Mr. A. L. Porter
Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

Request for Hearing, Unorthodox Mesaverde
Location, Consolidated Jicarilla No. C-1-11
SE/4, Sec. 11, T26N, R4W, Rio Arriba Co.,
New Mexico

This is to request permission for the above referenced unorthodox location to vary from that prescribed by R-1670, Paragraph A, Rule 2 of Section II of the Rules and Regulations, Oil Conservation Commission of the State of New Mexico. A dual Mesaverde-Dakota completion is requested.

Consolidated proposes to re-enter the Jicarilla No. C-1-11 recently acquired from Southern Union Gas and Aztec. The former operators drilled the subject well to a TD of 3617' and completed it as a temporarily abandoned Pictured Cliffs test on June 7, 1954. Lack of gas productivity in commercial quantities from this well is considered to condemn the Pictured Cliffs for further testing in the east half of Section 11, Township 26 North, Range 4 West. Cost of drilling a single zone completion cannot be supported by anticipated income from either the Mesaverde or Dakota formations alone. We are therefore requesting an unorthodox location for the Mesaverde in the east half of Section 11, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 2952

Mr. A. L. Porter

-2-

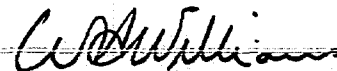
September 23, 1963

We have included sketches to show the well bore as it now exists and as we have planned our proposed deepening and completion program. Also included is a copy of the original location plat, acreage dedication plat showing Consolidated Oil & Gas, Inc. as operator and a plat showing a portion of Rio Arriba County, New Mexico, with offset operators' existing wells and their zones of completion. Offset operators are being notified of this request.

An early hearing date for this request would be very much appreciated.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.



W. H. Williams, Chief Engineer

WHW:pt
Enclosures

R 4 W

SO. UNION PRODUCTION AZTEC OIL & GAS - 3 - MV PC	HURON DRILLING O ₂ DK PC O ₃ MV PC O ₁ MV PC O ₄ DK PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 1 - MV PC
SO. UNION PRODUCTION AZTEC OIL & GAS - 10 - MV PC	SO. UNION PROD. AZTEC OIL & GAS - 11 - MV PC	CONSOLIDATED - 12 - MV PC
SO. UNION PRODUCTION AZTEC OIL & GAS - 15 - MV PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 14 - MV PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 13 - MV PC

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26
N

APPLICATION FOR UNORTHODOX LOCATION
BLANCO MESAVERDE FIELD

CONSOLIDATED OIL & GAS, INC.

JICARILLA NO. C-1-11

SEC. 11, T26N, R4W

RIO ARriba COUNTY, NEW MEXICO

BEFORE EXAMINER NUTTER

OF CONSERVATION COMMISSION

EXHIBIT NO. 2

DATE 1932

EXISTING WELL CONDITION

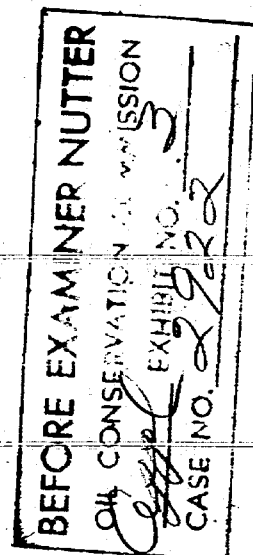
Squeezed cement
with 250 sz. 50-50
Poz. Maximum
pressure 5000 psi.
Cleaned out to TD
of 3617'. Shot
with 303 qts. Nitro
3546 - 3617'. Sand
oil treat with
7500 gals. and
4500 lbs. sand.
T.A.

9-5/8" - 36 lb. CSA 197'
cemented with 150 sz.

Top of Cement 2880'
Temperature Survey

7" CSA 3531
Cemented with 150 sz.
T.D. 3617'

PROPOSED PROGRAM FOR DEEPENING



3300'

CONSOLIDATED OIL & GAS, INC.

Proposed Program for Deepening and Completing

JICARILLA NO. C-1-11
Sec. 11, T26N, R4W

Rio Arriba Co., New Mexico
as a

Mesaverde and Dakota Dual Producer

Well formerly drilled by SUG & Aztec
as a Pictured Cliffs Test

T. A. after test was non-productive

Separate production
with packer and
produce DK through
1-1/2" tubing. Hang
1" tubing for MV
production.

Perforate and frac
Dakota

Perforate and frac MV

Stage Collar at approx
6000', cement to 3300'

Propose to drill to TD
of 8000'. Set 4-1/2" casing
and cement to the base
of the Mesaverde

SOUTHERN UNION PRODUCTION COMPANY
FIDELITY UNION TRUST MAIN OFFICE OCC

A. M. WIEDERKEHR
VICE-PRESIDENT

DALLAS 1, TEXAS

September 24, 1963 SEP 27 AM 8:13 2922

Mr. A. L. Porter
Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

We have been notified that Consolidated Oil & Gas, Inc. has requested an unorthodox Mesaverde location for their Consolidated Jicarilla No. C-1-11 well, SE/4 of Section 11, T-26N, R-4W, Rio Arriba County, New Mexico.

Southern Union, as offset operator, has no objection to this application.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY

DOCKET MAILED

Date 10-15-63

A. M. Wiederkehr

AMW:t

cc: Mr. W. H. Williams
Consolidated Oil & Gas, Inc.
4150 East Mexico Avenue
Denver, Colorado

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS

1963 OCT 9 PM 1:34

October 7, 1963

LAND DEPARTMENT
KENNETH A. SWANSON, MANAGER

file

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Consolidated Oil & Gas, Inc.
Request for Unorthodox
Mesaverde Location, SE¹
Sec. 11, T-26-N, R-4-W
Rio Arriba County, New Mexico

Dear Mr. Porter:

By letter dated September 23, 1963, Consolidated Oil & Gas, Inc., requested permission for unorthodox location for their proposed Jicarilla No. C-1-11 well on the subject lands.

Aztec, as an offset operator, has no objection to the proposed unorthodox location.

Yours very truly,

DOCKET MAILED

Kenneth A. Swanson

Kenneth A. Swanson

KAS:ob

Date *10-15-63*

cc: Consolidated Oil & Gas, Inc.
4150 East Mexico Avenue
Denver, Colorado 80222



Consolidated Oil & Gas, Inc.

1963 SEP 24 PM 1 01

Executive Offices

4150 EAST MEXICO AVENUE
DENVER, COLORADO 80222
PHONE: 787-5441

September 23, 1963

Mr. A. L. Porter
Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

Request for Hearing, Unorthodox Mesaverde
Location, Consolidated Jicarilla No. C-1-11
SE/4, Sec. 11, T26N, R4W, Rio Arriba Co.,
New Mexico

This is to request permission for the above referenced unorthodox location to vary from that prescribed by R-1670, Paragraph A, Rule 2 of Section II of the Rules and Regulations, Oil Conservation Commission of the State of New Mexico. A dual Mesaverde-Dakota completion is requested.

Consolidated proposes to re-enter the Jicarilla No. C-1-11 recently acquired from Southern Union Gas and Aztec. The former operators drilled the subject well to a TD of 3617' and completed it as a temporarily abandoned Pictured Cliffs test on June 7, 1954. Lack of gas productivity in commercial quantities from this well is considered to condemn the Pictured Cliffs for further testing in the east half of Section 11, Township 26 North, Range 4 West. Cost of drilling a single zone completion cannot be supported by anticipated income from either the Mesaverde or Dakota formations alone. We are therefore requesting an unorthodox location for the Mesaverde in the east half of Section 11, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

DOCKET MAILED

Date 10-13-63

[Signature]

Case 2922
890' FSL
990' FEL
11-26N-4W
R.A. Co

Mr. A. L. Porter

-2-

September 23, 1963

We have included sketches to show the well bore as it now exists and as we have planned our proposed deepening and completion program. Also included is a copy of the original location plat, acreage dedication plat showing Consolidated Oil & Gas, Inc. as operator and a plat showing a portion of Rio Arriba County, New Mexico, with offset operators' existing wells and their zones of completion. Offset operators are being notified of this request.

An early hearing date for this request would be very much appreciated.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.



W. H. Williams, Chief Engineer

WHW:pt
Enclosures

R4W

So. Union Production AZTEC OIL & GAS - 3 - MV PC	HURON DRILLING O ₂ DK PC - 2 - O ₁ MV PC O ₅ MV PC O ₄ DK PC	So. Union Production AZTEC OIL & GAS - 1 -
So. Union Production AZTEC OIL & GAS - 10 - PC	So. Union Prod. AZTEC OIL & GAS - 11 - PC	CONSOLIDATED - 12 - A
So. Union Production AZTEC OIL & GAS - 15 - PC	So. Union Production AZTEC OIL & GAS - 14 - PC	So. Union Production AZTEC OIL & GAS - 13 - PC

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APPLICATION FOR UNORTHODOX LOCATION
BLANCO MESAVERDE FIELD

CONSOLIDATED OIL & GAS, INC.

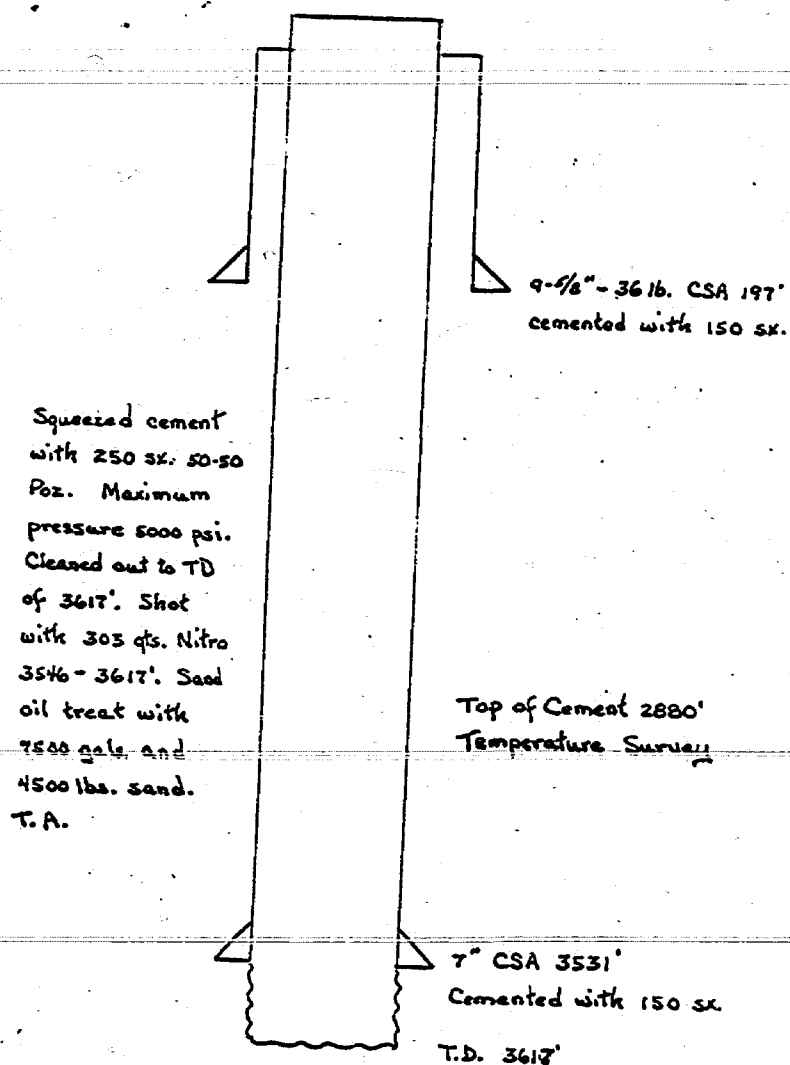
JICARILLA NO. C-1-11

SEC. 11, T26N, R4W

RIO ARriba COUNTY, NEW MEXICO

Ex 2
Consolidated

EXISTING WELL CONDITION

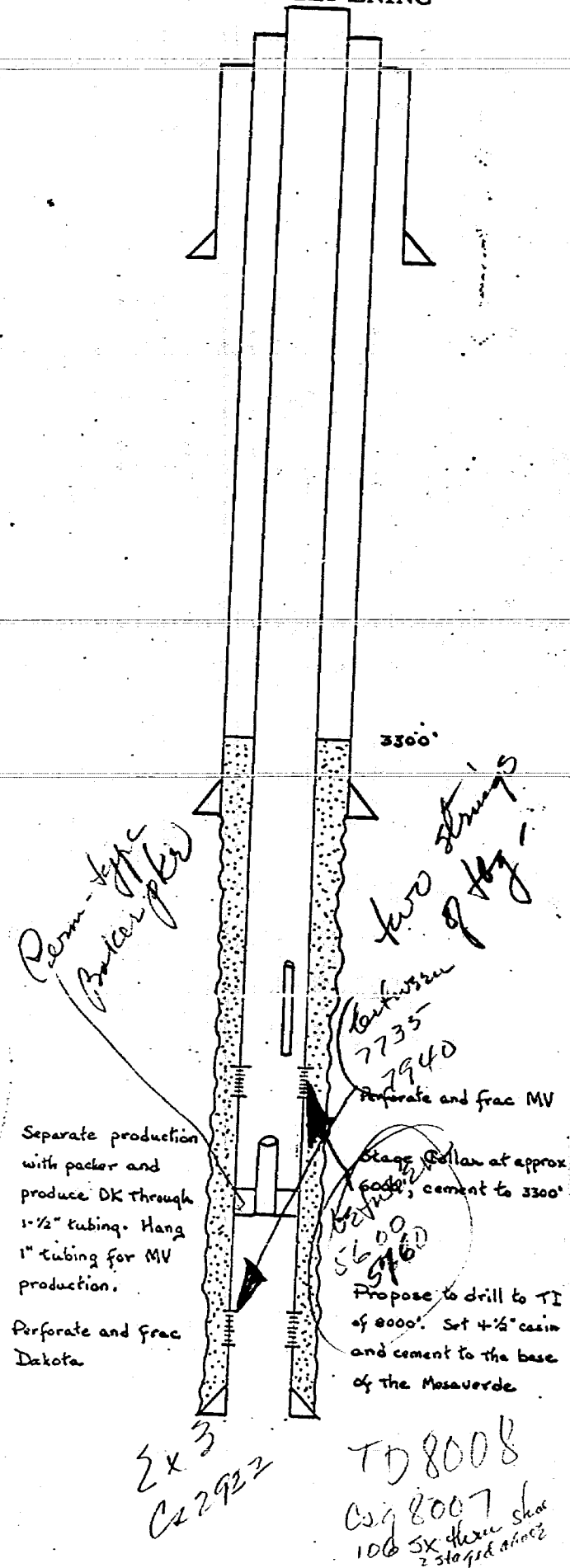


CONSOLIDATED OIL & GAS, INC.

Proposed Program for Deepening and Completing

JICARILLA NO. C-1-11
Sec. 11, T26N, R4W
Rio Arriba Co., New Mexico
as a
Mesaverde and Dakota Dual Producer
Well formerly drilled by SUG & Aztec
as a Pictured Cliffs Test
T. A. after test was non-productive

PROPOSED PROGRAM FOR DEEPENING



Docket No. 30-63
Docket No. 31-63

DOCKET: EXAMINER HEARINGS OCTOBER 18, 1963, AND OCTOBER 30, 1963

BOTH HEARINGS 9:00 A.M. OIL CONSERVATION COMMISSION CONFERENCE
ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

Examiner: Daniel S. Nutter; Alternate Examiner: Elvis A. Utz

DOCKET NO. 30-63 - OCTOBER 18, 1963:

CASE 2910: (Continued from the October 9, 1963, examiner hearing)

Application of Big (6) Drilling Company for extension of an existing oil pool and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the extension of the Scharb Bone Spring Oil Pool to comprise the W/2 of Section 5, all of Section 6, and the N/2 of Section 7, Township 19 South, Range 35 East, Lea County, New Mexico, and for special rules therefor, including 80-acre spacing and proration units to comprise any two contiguous 40-acre tracts, and for fixed well locations.

DOCKET NO. 31-63 - OCTOBER 30, 1963:

CASE 2678: (Reopened and continued from the October 9, 1963, examiner hearing)

In the matter of Case No. 2678 being reopened pursuant to provisions of Order No. R-2359, which order established temporary 160-acre proration units for the East Saunders Permo-Pennsylvanian Pool, Lea County, New Mexico, for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre proration units.

CASE 2903: (Continued from the October 9, 1963, examiner hearing)

Application of Coastal States Gas Producing Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its Gulf State Well No. 1, located in Unit F of Section 20, Township 17 South, Range 36 East, Lea County, New Mexico, to produce oil from the Double-A Abo Pool and an undesignated Lower Leonard pool through parallel strings of tubing.

CASE 2921:

Application of Robert G. Hanagan for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard gas proration unit comprising the S/2 SW/4 of Section 1 and the N/2 NW/4 of Section 12, Township 12 South, Range 34 East, Four Lakes-Devonian Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled 660 feet from the South and West lines of said Section 1.

PAGE -2-

Docket No. 30-63

Docket No. 31-63

CASE 2922:

Application of Consolidated Oil & Gas, Inc. for an unorthodox location and a dual completion, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its Jicarilla No. C-1-11 to produce gas from the Blanco Mesaverde and Basin Dakota Gas Pools. Said well is at an unorthodox Blanco Mesaverde Pool location 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

CASE 2923:

Application of Cities Service Oil Company for a special gas-lift gas allocation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to produce Blinebry gas from its State "S" Well No. 1 located in Unit E of Section 15, Township 21 South, Range 37 East, Lea County, New Mexico, and to utilize said gas for Hare Pool gas-lift operations on its State "S" Well No. 4 located in said Unit E. Gas produced from said State "S" Well No. 1 would be metered and charged to the Blinebry Oil Pool casinghead gas production from applicant's State "S" Well No. 6 also located in the said Unit E.

CASE 2924:

Application of Socony Mobil Oil Company for a dual completion and for a tubing exception, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its State Bridges No. 58-DD in Unit M of Section 24, Township 17 South, Range 34 East, Lea County, New Mexico, to produce oil from the Vacuum Glorieta and Vacuum Blinebry Oil Pools through parallel strings of tubing. Applicant further seeks an exception to Commission Rule 107(d)4 to produce the Glorieta formation through the casing-tubing annulus from perforations at approximately 6000 feet up to 2 3/8-inch tubing landed in a dual packer at approximately 4020 feet.

CASE 2925:

Application of Sunray DX Oil Company for the creation of a Strawn Gas Pool and for Special Temporary Pool Rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn Gas Pool for its New Mexico State "AH" Well No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, Eddy County, New Mexico, and the establishment of temporary pool rules therefor, including a provision for 640-acre proration units and for fixed well locations.

PAGE -3-

Docket No. 30-63

Docket No. 31-63

CASE 2926:

Application of Sinclair Oil & Gas Company for an exception to Order No. R-1670, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order permitting its Barber Gas Unit Well No. 1, located in Unit E of Section 8, Township 20 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, to produce 600 MCF of gas per month in exception to the shut-in provisions of Rule 15(A) of Order No. R-1670, Southeast New Mexico Gas Pool Rules, said gas to be utilized in the oil well gas-lift system on applicant's B. J. Barber Lease.

CASE 2927:

Application of Skelly Oil Company for gas commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 21(A) of Order No. R-1670, Northwest New Mexico Gas Pool Rules, to permit the commingling of gas produced from its Jicarilla "C" Wells Nos. 3, 7, 4, 8 and 6, located in Units M and P of Section 21, Unit A of Section 28 and Units E and J of Section 27 respectively, Township 25 North, Range 5 West, South Blanco-Pictured Cliffs Pool, Rio Arriba County, New Mexico, allocating said gas to the individual wells on the basis of periodic testing. Applicant further proposes to meter said commingled gas and to commingle it with commingled casinghead gas produced from seven Otero-Gallup oil wells on its Jicarilla "C" lease.

CASE 2928:

Application of Texaco Inc. for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the triple completion (combination) of its State of New Mexico "O" NCT-1 Well No. 14, located in Unit J of Section 36, Township 17 South, Range 34 East, Lea County, New Mexico, to produce oil from the Vacuum-Wolfcamp and North Vacuum-Abo Pools through parallel strings of 2-7/8 inch casing and to produce oil from the Vacuum-Blinebry Pool through 1-1/2 inch tubing run inside 3-1/2 inch casing, all casing strings to be cemented in a common well bore.

CASE 2929:

Application of Texaco Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Basal San Andres formation through its State of New Mexico "O" NCT-1 Well No. 12 located in Unit J of Section 36, Township 17 South, Range 34 East, Vacuum Field, Lea County, New Mexico.

PAGE -4-

Docket No. 30-63

Docket No. 31-63

CASE 2930:

Application of William G. Ross for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the South Wilson Deep Unit Area comprising 3,920 acres, more or less, of State and Fee lands in Township 21 South, Range 34 East, Lea County, New Mexico.

State of New Mexico
Oil Conservation Commission

ir/

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 11/4/63

CASE 2922

Hearing Date 9am 10/30/63
JSND SF

My recommendations for an order in the above numbered cases are as follows:

*Enter an order approving unorthodox
Beyers Mesaverde
location for Cons. Oil & Gas Co
(890' FSL & 990' FEL of Sec 11, Twp
26 N, Rge 4 W, Rio Arriba Co. N.Mex)
for its Jicarilla C no 1-11.*

*(consultational)
Also approve the dual completions of
said well to produce gas from
the Flamingo Mesaverde and from
Basin Dakota gas pool through
parallel strings of tubing.
Separation of the zones is to be
achieved by means of a permanent
type packer set between the zones
Require pkr lkg tests upon
completion and annually thereafter
during the Dakota deliverability test
period.*

Assemm
Staff Engineer

DRAFT

JMD/esr

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. 2922

Order No. R- 2597

APPLICATION OF CONSOLIDATED OIL & GAS,
INC., FOR AN UNORTHODOX LOCATION AND
A DUAL COMPLETION, RIO ARriba COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 30, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this day of November, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Consolidated Oil & Gas, Inc., seeks an exception to the Special Rules and Regulations governing the Blanco-Mesaverde Gas Pool to ^{recomplete} ~~complete~~ its Jicarilla Well No. C-1-11 at an ^{Blanco-Mesaverde} ~~unorthodox~~ location 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant further seeks authority to ^{recomplete} ~~complete~~ the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and from the Basin-Dakota Gas Pool through parallel strings of tubing, with separation of ^{by a} ~~the zones to be achieved by means of a~~ permanent type packer set between the zones.

(5) ^{Capabilities} That the potential producing capabilities of the Blanco-Mesaverde and Basin Dakota gas pools in this area will not justify the expense of drilling a single completion in either pool and that approval of the subject application will therefore result in the recovery of gas that would not otherwise be recovered, thereby preventing waste.

~~(5) That approval of the subject application will prevent economic waste caused by the drilling of an unnecessary well.~~

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

IT IS THEREFORE ORDERED:

(1) That the applicant, Consolidated Oil & Gas, Inc., is hereby authorized to complete its Jicarilla Well No. C-1-11 at an unorthodox location in the Blanco-Mesaverde Gas Pool, 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

(2) That the applicant is hereby authorized to complete the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and from the Basin-Dakota Gas Pool through parallel strings of tubing, with separation of the zones to be achieved ^{by a} ~~by means of~~ a permanent type packer set between the zones.

PROVIDED HOWEVER, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order.

PROVIDED FURTHER, That the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Dakota formation.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

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. 2922
Order No. R-2597

APPLICATION OF CONSOLIDATED OIL & GAS,
INC., FOR AN UNORTHODOX LOCATION AND
A DUAL COMPLETION, RIO ARriba COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 30, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 13th day of November, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Consolidated Oil & Gas, Inc., seeks an exception to the Special Rules and Regulations governing the Blanco-Mesaverde Gas Pool to recomplete its Jicarilla Well No. C-1-11 at an unorthodox Blanco-Mesaverde location 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.
- (3) That the applicant further seeks authority to recomplete the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and from the Basin-Dakota Gas Pool through parallel strings of tubing, with separation of zones by a permanent type packer set between the zones.
- (4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

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CASE No. 2922
Order No. R-2597

(5) That the potential producing capabilities of the Blanco-Mesaverde and Basin-Dakota Gas Pools in this area will not justify the expense of drilling a single completion in either pool and that approval of the subject application will therefore result in the recovery of gas that would not otherwise be recovered, thereby preventing waste.

IT IS THEREFORE ORDERED:

(1) That the applicant, Consolidated Oil & Gas, Inc., is hereby authorized to complete its Jicarilla Well No. C-1-11 at an unorthodox location in the Blanco-Mesaverde Gas Pool, 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

(2) That the applicant is hereby authorized to complete the subject well as a dual completion (conventional) to produce gas from the Blanco-Mesaverde Gas Pool and from the Basin-Dakota Gas Pool through parallel strings of tubing, with separation of the zones by a permanent type packer set between the zones.

PROVIDED HOWEVER, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order.

PROVIDED FURTHER, That the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Dakota formation.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

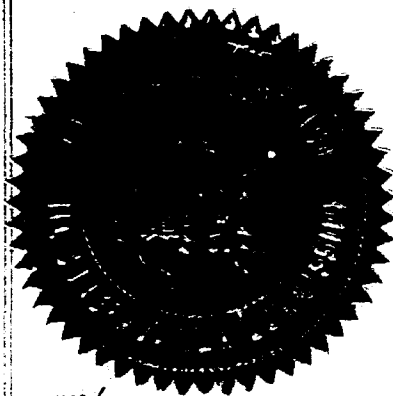
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

E. S. Walker
E. S. WALKER, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary



esr/

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
October 30, 1963

EXAMINER HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

WASHINGTON, D. C.
PHONE 325-1182

SANTA FE, N. M.
PHONE 263-3671

ALBUQUERQUE, N. M.
PHONE 243-6591

IN THE MATTER OF:

Application of Consolidated Oil & Gas Inc. for an unorthodox location and a dual completion, Rio Arriba County, New Mexico. Applicant in the above-styled cause, seeks approval of the dual completion (conventional) of its Jicarillo No. C-1-11 to produce gas from the Blanco Mesaverde and Basin Dakota Gas Pools. Said well is at an unorthodox Blanco Mesaverde Pool location 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West Rio Arriba County, New Mexico.

Case No. 2922

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
October 30, 1963

EXAMINER HEARING

IN THE MATTER OF:

Application of Consolidated Oil & Gas, Inc. for an unorthodox location and a dual completion, Rio Arriba County, New Mexico. Applicant in the above-styled cause, seeks approval of the dual completion (conventional) of its Jicarillo No. C-1-11 to produce gas from the Blanco Mesaverde and Basin Dakota Gas Pools. Said well is at an unorthodox Blanco Mesaverde Pool location 890 feet from the South line and 990 feet from the East line of Section 11, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

Case No. 2922

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. DURRETT: Application of Consolidated Oil & Gas, Inc. for an unorthodox location and a dual completion, Rio Arriba County, New Mexico.

MR. KELLAHIN: Jason Kellahin, Kellahin and Fox, Santa Fe, New Mexico, appearing for the applicant. I have one witness I would like to have sworn.

(Witness sworn.)

(Whereupon, Applicant's Exhibit Nos. 1 through 4 were marked for identification.)

GEORGE FARMER, called as a witness, having been first duly sworn, testified as follows:

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PHONE 325-1182



DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please?

A George Farmer.

Q By whom are you employed and in what position?

A Consolidated Oil and Gas, Assistant to the President.

Q Have you testified before the Oil Conservation Commission and made your qualifications a matter of record?

A Yes.

MR. KELLAHIN: Are the witness' qualifications acceptable?

MR. NUTTER: Yes, sir.

Q (By Mr. Kellahin) Are you familiar with the application of Consolidated Oil and Gas, Inc. in Case Number 2922?

A I am.

Q Would you state briefly what Consolidated proposes in this case?

A Consolidated proposes to enter an abandoned Pictured Cliffs well that's located in the Southeast quarter of Section 11, Township 26 North, Range 4 West and deepen that well to the Dakota formation in an attempt to make a dual completion of this well from the Mesaverde formation and the Dakota.

Q Would that constitute an orthodox location for the Mesaverde?

A It is an orthodox location for the Dakota but it is an

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unorthodox location for the Mesaverde in that it is in the South-east quarter of the section.

Q In this case you are asking for the approval of the unorthodox location in the Mesaverde, is that correct?

A That is correct.

Q And you are also asking for a dual completion in the Dakota and the Mesaverde, is that correct?

A That is correct.

Q Referring to what has been marked as Exhibit Number 1, would you state what that is?

A This is a letter to Mr. A. L. Porter, Oil Conservation Commission, requesting hearing for this, and stating in it that the commercial possibilities from the Mesaverde appear somewhat marginal, and that the Dakota itself could be in that same class and, therefore, request an order to make this a more economic exploration, and give development to the Mesaverde formation that would not ordinarily be given.

Q Are you in agreement with the statement that production from the Mesaverde and the Dakota in this area may well be marginal?

A I am in agreement. From the iso-potential map I have drawn of the area, the Mesaverde appears to be quite marginal. The Dakota is an unknown quantity, but could very well be low-caliber.

Q Would you recommend to your management at the present

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time, that they drill a single completion to the Mesaverde on this unit?

A I recommended originally that they not do this. I would still recommend that they would not do this. I might add that the well has been drilled to this point, to the Dakota; four and a half inch casing has been cemented through the Dakota and that we have a log of the well. The Mesaverde formation appears somewhat better than I had anticipated, however, the well was drilled with gas and there were no significant flows of gas from either of the formations during the drilling.

Q Referring to what has been marked as Exhibit Number 2, would you state what that is?

A This is a plat showing the ownership of the acreage immediately surrounding this location.

Q Does it also show the well location?

A It shows the well location and it shows the other wells in the area and indicates what formations they are producing from.

Q Have you received the consent of the offset operators to the proposed unorthodox location and dual completion?

A We have notified all of the offset operators. We have received notice from both Southern Union Production and Aztec Oil and Gas that they have no objection. The section immediately to the north shows it is operated by Herron Drilling

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Company. We have received verbal approval from them; in fact we are going to take over that operation.

Q What was the history of this well, Mr. Farmer?

A The well was originally drilled by Southern Union Gas Company as a Pictured Cliff well, drilled to the total depth of 3,617 feet; seven inch casing was cemented at 3,531. The well with the open-hole section was then shot with 303 quarts of nitro-glycerin, and oil-fracked with 7,500 gallons of oil and 45 pounds of sand, and a non-commercial well resulted, and it was plugged and abandoned. This precluded any pictured Cliff development in this location; for this reason we're requesting the Mesaverde.

Q You stated that the well has already been drilled to the Dakota, is that correct?

A This is correct.

Q How do you propose to make your dual completion?

A At the present time casing is cemented to a total depth of 8,008 feet; casing cemented at approximately 8,007 feet, cemented through the shoe with 106 sacks of cement; cemented through a stage collar at 5,990 with 88 sacks, and cemented through a stage collar at 3,679 with 98 sacks. These cement volumes were calculated to fill up the entire annulus with cement, up into the old seven inch casing.

Q How will the dual completion then be affected?

A The diagram, Exhibit Number 3, indicates that a perma-

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ment type Baker packer will be set between the Dakota and the Mesaverde formation, after, of course, perforating the Dakota section and fracking, and the Mesaverde section and fracking, and they will be completed through individual tubing strings.

Q Will the two intervals be selectively perforated, or do you know where the perforations will be at this time?

A The exact perforated intervals have not been selected. However, they will be between 7,735 and 7,940 in the Dakota and 5,600 and 5,760 feet in the Mesaverde formation.

Q Is the proposed dual you plan here of a type that has been approved by the Commission?

A It is a conventional type of completion for the area. To my knowledge there is not a Mesaverde-Dakota dual completion anywhere within two or three miles of this area, so this is an isolated area.

Q That is the reason it requires a hearing at this time, is that correct?

A Yes.

Q Will this type of completion, in your opinion, effectively protect the producing formations?

A It will.

Q Were Exhibits 1, 2 and 3 prepared by you, or under your supervision?

A Yes.

Q And is Exhibit 4 a log made of the subject well?



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A That is an actual log, yes, sir.

MR. KELLAHIN: At this time we would like to offer in evidence, Exhibits 1 through 4, inclusive.

MR. NUTTER: Applicant's Exhibits 1 through 4 will be admitted into the record.

(Whereupon, Applicant's Exhibits 1 through 4 were admitted in evidence.)

MR. KELLAHIN: That's all the questions I have.

MR. NUTTER: Does anyone have any questions of the witness?

MR. DURRETT: Yes, I have one.

CROSS EXAMINATION

BY MR. DURRETT:

Q Will you give me your perforating intervals again?

A Between 7,735 and 7,940 in the Dakota and between 5,600 and 5,760 feet in the Mesaverde. The selected intervals within those zones, the intervals have not yet been selected.

MR. DURRETT: Thank you.

MR. NUTTER: Any other questions of the witness? He may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further, Mr. Kellahin?

MR. KELLAHIN: That's all.

MR. NUTTER: Does anyone have anything they wish to offer in Case 2922?



MR. DURRETT: Yes, sir. I would like to state for the record that the Commission has received a letter from Aztec Oil and Gas and Southern Union Production Company indicating they have no objection to this application.

MR. NUTTER: If there is nothing further we will take the case under advisement.

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 2nd day of November, 1963.

Ada Dearnley
Notary Public - Court Reporter

My Commission Expires:

June 19, 1967

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2922, heard by me on 10/30, 1963.

[Signature], Examiner
New Mexico Oil Conservation Commission

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EXISTING WELL
CONDITION

PROPOSED PROGRAM
FOR DEEPENING

Squeezed cement
with 250 sz. 50-50
Pbz. Maximum
pressure 5000 psi.
Cleared out to TD
of 3617'. Shot
with 303 qts. Nitro
3546 - 3617'. Sand
oil treat with
7500 gals. and
4500 lbs. sand.
T. A.

Top of Cement 2880'
Temperature Survey

7" CSA 3531'
Cemented with 150 sz.
T.D. 3617'

CONSOLIDATED OIL & GAS, INC.

Proposed Program for Deepening
and Completing

JICARILLA NO. C-1-11

Sec. 11, T26N, R4W

Rio Arriba Co., New Mexico

as a

Mesaverde and Dakota Dual Producer

Well formerly drilled by SUG & Aztec
as a Pictured Cliffs Test

T. A. after test was non-productive

Separate production
with packer and
produce DK through
1-1/2" tubing. Hang
1" tubing for MV
production.

Perforate and frac
Dakota

Perforate and frac MV

Stage Collar at approx.
6000', cement to 3300'

Propose to drill to TD
of 8000'. Set 4-1/2" casing
and cement to the base
of the Mesaverde

Case 2922

R 4 W

SO. UNION PRODUCTION AZTEC OIL & GAS - 3 - MV PC	HURON DRILLING O ₂ DK PC - 2 - O ₁ MV PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 1 - O ₃ MV PC O ₄ DK PC
SO. UNION PRODUCTION AZTEC OIL & GAS - 10 - PC	SO. UNION PROD. AZTEC OIL & GAS - 11 - PC	CONSOLIDATED - 12 - 1
SO. UNION PRODUCTION AZTEC OIL & GAS - 15 - PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 14 - PC	SO. UNION PRODUCTION AZTEC OIL & GAS - 13 - PC

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APPLICATION FOR UNORTHODOX LOCATION
BLANCO MESAVERDE FIELD

CONSOLIDATED OIL & GAS, INC.

JICARILLA NO. C-1-11

SEC. 11, T26N, R4W

RIO ARRIBA COUNTY, NEW MEXICO

Chel 2922