CASE 3548: Appli. of SINCLAIR OIL & GAS CO. for an UNORTHODOX LOCATION, EDDY COUNTY, NEW MEXICO.

15 MO.

APPlication, Transcripts, SMAIL Exhibits ETC.

GOVERNOR DAVID F. CARGO CHAIRMAN

State of New Mexico Bil Conservation Commission

LAND COMMISSIONER GUYTON B. HAYS MEMBER



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

P. O. BOX 2088 SANTA FE

April 11, 1967

Mr. Sumner S. Koch White, Gilbert, Koch & Kelly Attorneys at Law Post Office Box 787 Santa Fe, New Mexico

3548 Re: Case No. Order No. R-3215 Applicant:

Sinclair Oil & Gas Co.

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. Secretary-Director

ALP/ir
Carbon copy of drder also sent to:
Hobbs OCC X
Artesia OCC_X
Aztec OCC
Other

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. 3548 Order No. R-3215

APPLICATION OF SINCLAIR OIL & GAS COMPANY FOR AN UNORTHODOX LOCATION. EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 5, 1967, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 11th day of April, 1967, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Sinclair Oil & Gas Company, seeks approval of the unorthodox location in an undesignated Morrow (Pennsylvanian) gas pool of its Trigg-Federal Well No. 1 at a point 1980 feet from the North line and 660 feet from the West line of Section 27, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico, to be dedicated to a 320-acre unit comprising the N/2 of said Section 27.
- (3) That the subject well was drilled as a wildcat oil well at a standard location to test the Cisco-Canyon formation but was non-productive in the Cisco-Canyon formation and was subsequently completed in the Morrow formation.
- (4) That approval of the subject application will prevent waste and will not violate correlative rights.

-2-CASE No. 3548 Order No. R-3215

IT IS THEREFORE ORDERED:

- (1) That an unorthodox location is hereby approved for the Sinclair Oil & Gas Company Trigg-Federal Well No. 1, located 1980 feet from the North line and 660 feet from the West line of Section 27, Township 18 South, Range 27 East, NMPM, undesignated Morrow (Pennsylvanian) gas pool, Eddy County, New Mexico, to be dedicated to a 320-acre unit comprising the N/2 of said Section 27.
- (2) 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 he einabove designated.

STATE OF NEW MEXICO OIL CONSTRUCTION

DAVID F. CARGO, chairman

GUXTON B. HAYS, Member

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

SEAL

esr/

DOCKET: EXAMINER HEARING- WEDNESDAY- APRIL 5, 1967

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

CASE 3545: Application of John Yuronka and Robert E. Chandler for compulsory pooling, Lea County, New Mexico. Applicants, in the above-styled cause, seek an order force-pooling all mineral interests underlying the S/2 SW/4 and NE/4 SW/4 of Section 7, Township 22 South, Range 38 East, Lea County, New Mexico, from the surface to the base of the Drinkard formation or to 7400 feet, whichever is the lesser, but excluding the Granite Wash; in the alternative applicants seek the force-pooling in the above-described vertical interval underlying the SW/4 SW/4 only of said Section 7.

CASE 3546: Application of Stoltz & Company for an unorthodox location, Eddy County. New Mexico. Applicanc, in the above-styled cause, seeks approval of the unorthodox location in an undesignated Pennsylvanian gas pool of its Hudson-Federal Well No. 1 at a point 838 feet from the North line and 1650 feet from the West line of Section 4, Township 21 South, Range 29 East, Eddy County, New Mexico.

CASE 3547: Application of Skelly Oil Company for a waterflood expansion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order amending Order No. R-2900 to expand the water-flood interval authorized by said order to include the entire Grayburg-Jackson producing interval, to permit the conversion to water injection of 18 additional wells in Sections 14, 15, 22, 23, 26, and 27, Township 17 South, Range 31 East, and further to provide for administrative expansion of said project.

<u>CASE 3548:</u>

Application of Sinclair Oil & Gas Company for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled-cause, seeks approval of the unorthodox location in an undesignated Pennsylvanian gas pool of its Trigg-Federal Well No. 1 at a point 1980 feet from the North line and 660 feet from the West line of Section 27, Township 18 South, Range 27 East, Eddy County, New Mexico.

CASE 3549: Application of Tesoro Petroleum Corporation for an unorthodox location, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for a well to be drilled 1330 feet from the South line and 2310 feet from the West line of Section 1, Township 17 North, Range 9 West, South Hospah Field, McKinley County, New Mexico.

CASE 3400 (Reopened)

In the matter of Case No. 3400 being reopened pursuant to the provisions of Order No. R-3064, which order established 160-acre

Examiner Hearing - April 5, 1967

(Case 3400 continued)

spacing units and a gas-oil ratio of 4000 to 1 for the Big Eddy-Strawn Pool, Eddy 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 or 80-acre spacing units and why the limiting gas-oil ratio should not revert to the Statewide limit of 2000 to one.

CASE 3550: Application of Kennedy Oil Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg-San Andres formations through three wells located in Sections 27 and 28, Township 16 South, Range 31 East, Square Lake Pool, Eddy County, New Mexico.



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470 Midland, Texas

March 13, 1967

LEGAL DEPARTMENT

Mr. A. L. Porter, Jr. Secretary Director Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico

Application of Sinclair Otl & Gas Company for approval of unorthodox location for its Trigg-Federal Well No. 1, Eddy County, New Mexico

Case 3548

Dear Mr. Porter:

Enclosed is application, in triplicate, in the captioned matter, which we request that you set on the docket of April 5, 1967.

Very truly yours,

HNB/id

Horace N. Burton General Attorney

cc: Mr. L. C. White
White, Gilbert, Koch & Kelly
P. O. Box 787
Santa Fe, New Mexico

DOCKET MAILED

Dolle 3-23-67

BEFORE THE OIL CONSERVATION COMMISSION OF THE

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF SINCLAIR OIL & GAS COMPANY FOR AN EXCEPTION TO RULE 104 AND APPROVAL OF AN UNORTHODOX LOCATION FOR ITS TRIGG-FEDERAL WELL NO. 1, IN EDDY COUNTY, NEW MEXICO.

A CONTRACTOR OF THE PARTY OF TH					
case no. 3548					
ORDER NO.					

APPLICATION

SINCLAIR OIL & GAS COMPANY, a Maine corporation with an operating office in Midland, Texas, hereby files application for an exception to State-Wide Rule 104 of the Rules and Regulations of the Commission, and approval of an unorthodox location for its Trigg-Federal Well No. 1 located in Unit E, being 660 feet from the West and South lines of the N/2 of Section 27, Township 18 South, Range 27 East, Eddy County, New Mexico, and in support thereof shows:

That applicant is the owner and operator of its Trigg-

That applicant is the owner and operator of its Trigg-Federal lease consisting of the N/2 of said Section 27, Township 18 South, Range 27 East, Eddy County, New Mexico. Applicant has completed a gas well in the Pennsylvanian formation in its Trigg-Federal Well No. 1, located 660 feet from the South and West lines of the lease, said well having been projected as an oil well.

2.

That the granting of this application will be in the interest of prevention of waste and will not impair correlative rights.

WHEREFORE, applicant prays that the Commission set this application for a public hearing before an Examiner at Santa Fe, New Mexico, that notice be issued according to law, and that upon hearing this application be granted.

WHITE, GILBERT, KOCH & KELLY
P. O. Box 787
Santa Fe, New Mexico

Horace N. Burton F. O. Box 1470

Midland, Texas 79701

dearnley-meier reporting service, inc.

1120 SIMMS BLDG. # P. O. BOX 1092 # PHONE 243-6491 # ALBUQUEROUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 5, 1967

EXAMINER HEARING

IN THE MATTER OF:

Application of Sinclair Oil and Gas Company for an unorthodox location, Eddy County, New Mexico

Case 3548

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING



MR. NUTTER: We will call Case 3548.

MR. HATCH: Case 3548, Application of Sinclair Oil and Gas Company for an unorthodox location, Eddy County, New Mexico.

MR. KOCH: Mr. Examiner, my name is Sumner S. Koch, Santa Fe, New Mexico, White, Gilbert, Koch and Kelly, appearing on behalf of the applicant.

(Witness sworn.)

R. M. ANDERSON, called as a witness on behalf of the applicant, first having been duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KOCH:

- What is your full name and address, please? Q
- R. M. Anderson, Sinclair Oil and Gas Company, Midland, Texas.
 - And what are your duties with Sinclair? Q
- I am a Senior Petroleum Engineer in Sinclair's Regional Office in Midland, Texas.
 - Have you appeared before the Commission before?
 - Α I have.
 - And have you qualified before the Commission? Q
 - I have. Α
 - MR. NUTTER: He is acceptable as a witness today,

(By Mr. Koch) Mr. Anderson, would you state briefly what the purpose of the pending application is?

Yes, this is our application for an unorthodox location for a Wildcat gas well completed in the Morrow tormation in Eddy County, New Mexico.

> (Whereupon applicant's exhibits 1 through 3 were marked for identification)

Do you have with you exhibits showing the location and area of the well in question?

Yes, Exhibit No. 1 is an area map showing the ownership in the vicinity of the discovery well. The discovery well is located in Section 27, Township 18, South Range 27 East and is located in the southwest of the southwest of said Section.

And designated on the exhibit are the little wheels?

A gas well symbol with a one along the side of it. This well was projected to the Cisco formation and as a Wildcat oil well.

Was that submitted to the Commission?

Yes, and I have here copies of our Form C-128 that were submitted at the time that the well was initiated and I have had that exhibit marked Exhibit 2.

What was the plan of Sinclair in connection with the

SIMMS BLDG, • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, | FIRST NATIONAL BANK SAST • PHONE 256-1294 • ALBUQUERQUE,

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well as shown by Exhibit No. 2?

We drilled this well to the Cisco-Canyon formation at about 9,000 feet and drill stem tests indicated that we could not complete a commercial producer in the Cisco, though we had had several oil shows up the hole, none of which were indicated commercial. In the Upper Bonc Springs we had an oil show and a drillstem test, and an oil show in the Wolfcamp on drillstem tests and we had gas show in the Cisco on drillstem tests, none of which we deemed commercial, so we made application to drill the well deeper, to 9800 feet. And Exhibit No. 3 is Commission's Form C-128 wherein we show the location of the well and the 320 acres that we propose to dedicate to the well, which consists of the north half of Section 27. In drilling the well deeper to the Morrow, why we did encounter gas production. We completed the well as a Morrow gas well with an absolute open flow of 1501 MCF per day.

- Now, will the granting of this application in your opinion be in the interest of prevention of waste?
 - Yes, it will.
- Approximately how much has been invested so far in Q the drilling?
 - It is in excess of \$150,000. Α
 - In your opinion, will the granting of the application

243-6691 ● ALBUQUERQUE, NEW MEXICO 87101 256-1294 ● ALBUQUERQUE, NEW MEXICO 87108

PECIALIZING IN: DEPOSITIONS, HEARINGS, STATÉMENTS. EXPERT TESTIMONY, DAILY COPY, CONVENTIONS:

impair any correlative rights?

- No, sir, it will not.
- Do you have any other information you wish to submit in connection with the application?
 - I don't believe I do.

MR. KOCH: We move the admission of Exhibits 1, 2 and 3.

MR. NUTTER: Sinclair's Exhibits 1, 2 and 3 will be admitted in evidence.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Anderson, this well would be a standard location, if the west half of the section were dedicated. What is the reason the west half is not dedicated?

The section, or the north half of the section is the lease that the well was drilled on, under the terms of agreement with John H. Trigg. I might mention here that our application is in error in that it alleges that Sinclair is the owner and operator. We are just a half owner in the well. We own fifty -- we earned fifty percent interest in the north half of this section, with Trigg owning fifty percent interest as a result of drilling the well, and, so for that reason we have dedicated the acreage to the well upon which the well was drilled and the acreage that the well earned.

MR. KOCH: I see. Before I overlook it, Mr. Examiner, I think perhaps for the record, we should move to have the applications amended accordingly.

MR. NUTTER: All right, sir.

MR. KOCH: To simply allege that the applicant is owner of fifty percent interest.

THE WITNESS: Fifty percent interest and operator of the well. We are the operator.

MR. NUTTER: Okay, the applications have been amended. Does anyone have any further questions of Mr. Anderson. He may be excused. Do you have anything further, Mr. Koch?

MR. KOCH: Nothing further.

MR. NUTTER: Does anyone have anything they wish to offer in Case No. 3548. We will take the case under advisement.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS ELDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101 1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108

1120 SIMAS BLDG. • P.O. BOX 1092 • PHONE 243-6491 • ALBUQUERQUE, NEW MEXICO 87101 1406 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108 STATE OF NEW MEXICO)

Output

Notary Public

My Commission Expires:

July 10, 1970

I do hereby workify that the foregoing is a template report of the proceedings in the Exaction hearing of thee Ro. 3540, beard by to on 1967.

New Mexico Gil Sommervation Commission

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator Lease Well No. Sinclair Oil & Gas Company Trigg-Federal linit Letter Section County 18 South 27 East Eddy E Actual Footage Location of Welts 1980 660 West feet from the line and feet from the line Dedicated Acteages Ground Level Elev. Producing Formation Pool Cisco-Canyon Wildcat 40 Acres 1. Outline the acrenge dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes." type of consolidation. Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contoined herein is true and complete to the best of my knowledge and belief. R. E. Cross, Administrative Clerk Sinclair Oil & Gas Company October 20, 1966 Juic I hereby certify that the well location GINEER & n this plat 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. BEFORE EXAMINER NUTTER CONSERVATION COMMISSION EXHIBIT NO.

1320 1650

NEW MEXICO GIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

F. to. C-16. Supersedes C-126 Difective 1-1-.

All distances must be from the outer boundaries of the Section a stator Well No. Lease SINCLAIR OIL & GAS init Letter 13324 27 2? EAST MUCH Ξ 18 SOUTH Actual Footage .ccation of Well: 660 TEIST 1980 NORTH Ground Level Elev. Producing Formation Dedicated Acresge: WILDOAT <u> 320</u> MORROW 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below, 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one least of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes!" type of consolidation . If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge n I belief. R. E. CROSS, JR. ADMINISTRATIVE CLERK Сепцалу SINCLAIR OIL & GAS CO. MARCH 9, I hereby certify that the well location shown on this plat 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. BEFORE EXAMINER NUTTER Date Surveyed OIL CONSERVATION COMMISSION Registered Professional Engineer EXHIBIT NO. and/or Land Surveyor Certificate No.

1320 1650 1980 2310

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