

CASE 5929: DOME PETROLEUM CORPORATION  
FOR ASSIGNMENT OF A DISCOVERY  
ALLOWABLE, SAN JUAN COUNTY, NEW MEXICO

Case Number

5929

Application

Transcripts

Small Exhibits

ETC.



# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501



DIRECTOR  
JOE D. RAMEY

LAND COMMISSIONER  
PHIL R. LUCERO  
June 9, 1977

STATE GEOLOGIST  
EMERY C. ARNOLD

Mr. Ken Bateman  
White, Koch, Kelly & McCarthy  
Attorneys at Law  
P. O. Box 787  
Santa Fe, New Mexico

Re: CASE NO. 5929  
ORDER NO. R-5443

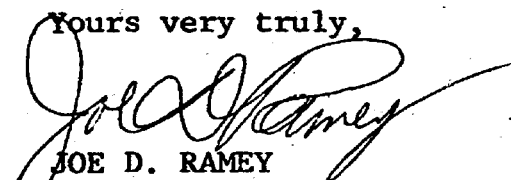
Applicant:

Dome Petroleum Corporation

Dear Sir:

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

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCC X  
Artesia OCC X  
Aztec OCC X

Other \_\_\_\_\_

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 25, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Dome Petroleum Corpora- ) CASE  
tion for assignment of a discovery ) 5929  
allowable, San Juan County, New Mexico. )

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil Conservation Commission: Lynn Teschendorf, Esq.  
Legal Counsel for the Commission  
State Land Office Building  
Santa Fe, New Mexico

For the Applicant: Ken Bateman, Esq.  
WHITE, KOCH, KELLY & MCCARTHY  
Attorneys at Law  
220 Otero Street  
Santa Fe, New Mexico

sid morrish reporting service  
General Court Reporting Service  
825 Calle Meja, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212

1 MR. STAMETS: At this time we will call Case 5929.

2 MS. TESCHENDORF: Case 5929, application of Dome  
3 Petroleum Corporation for assignment of a discovery allowable,  
4 San Juan County, New Mexico.

5 MR. BATEMAN: Mr. Examiner, I'm Ken Bateman of White,  
6 Koch, Kelly and McCarthy representing Dome Petroleum Corporation.

7 This case has been made necessary by an omission in  
8 the advertisement of Case 5909. There was, however, testimony  
9 with respect to the discovery in the Snake Eyes Entrada at that  
10 time and I would ask the Examiner to incorporate by reference  
11 the testimony in Case 5909 in this case.

12 MR. STAMETS: The record in Case 5909 will be  
13 incorporated in Case 5929.

14 Is there anything further in this case?

15 MR. BATEMAN: Nothing further.

16 MR. STAMETS: The case will be taken under advisement

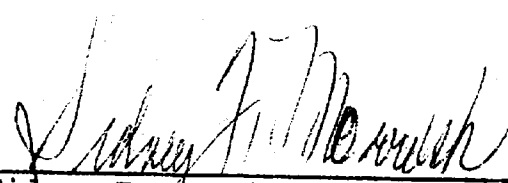
17 MR. BATEMAN: Thank you.  
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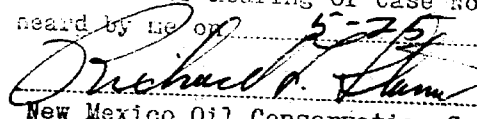
sid morish reporting service

General Court Reporting Service  
825 Calle Merja, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter,  
do hereby certify that the foregoing and attached Transcript  
of Hearing before the New Mexico Oil Conservation Commission  
was reported by me, and the same is a true and correct record  
of the said proceedings to the best of my knowledge, skill and  
ability.

  
Sidney F. Morrish, C.S.R.

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner hearing of Case No. 5729  
heard by me on 5-25, 1977  
 Examiner  
New Mexico Oil Conservation Commission

**sid morrish reporting service**  
General Court Reporting Service  
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212

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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. 5929  
Order No. R-5443

APPLICATION OF DOME PETROLEUM  
CORPORATION FOR ASSIGNMENT OF A  
DISCOVERY ALLOWABLE, SAN JUAN  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 25, 1977,  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 8th day of June, 1977, 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, Dome Petroleum Corporation, is the  
owner of the Santa Fe and Pacific Railroad Well No. 1, located  
in Unit G of Section 20, Township 21 North, Range 8 West, NMPM,  
San Juan County, New Mexico.

(3) That said well was completed as an oil well capable of  
producing from the Entrada formation on February 12, 1977, through  
perforations from 5604 feet to 5612 feet.

(4) That the applicant seeks the assignment of an oil  
discovery allowable in the amount of 28,020 barrels of oil to  
said well.

(5) That said well has in fact made discovery of a new oil  
pool, which has been previously designated the Snake Eyes-Entrada  
Oil Pool, and is entitled to the assignment of such discovery  
allowable.

-2-

Case No. 5929  
Order No. R-5443

(6) That the discovery well for said pool, the Dome Petroleum Corporation Santa Fe and Pacific Railroad Well No. 1, located in Unit G of said Section 20 should be assigned an oil discovery allowable in the amount of 28,020 barrels to be produced in addition to the well's regularly assigned allowable during the next 730 days.

IT IS THEREFORE ORDERED:

(1) That the Dome Petroleum Corporation Santa Fe and Pacific Railroad Well No. 1 located in Unit G of Section 20, Township 21 North, Range 8 West, Snake Eyes-Entrada Oil Pool, San Juan County, New Mexico, is hereby assigned an oil discovery allowable in the amount of 28,020 barrels, to be produced in addition to said well's regularly assigned allowable, at the rate of approximately 38 barrels per day during the next 730 days.

(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 hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



*Phil R. Lucero*

PHIL R. LUCERO, Chairman

*Emery C. Arnold*  
EMERY C. ARNOLD, Member

*Joe D. Ramey*  
JOE D. RAMEY, Member & Secretary

S E A L

jr/



Dockets Nos. 18-77 and 21-77 are tentatively set for hearing on June 8 and June 22, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

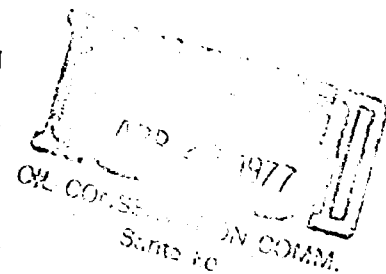
DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 25, 1977

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- CASE 5925: Application of Amoco Production Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the NW/4 of Section 5, Township 31 North, Range 10 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5926: Application of Amoco Production Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the SE/4 of Section 6, Township 31 North, Range 10 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5927: Application of Amoco Production Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the NW/4 of Section 4, Township 31 North, Range 10 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5928: Application of Amoco Production Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the NE/4 of Section 6, Township 31 North, Range 10 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5929: Application of Dome Petroleum Corporation for assignment of a discovery allowable, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the assignment of approximately 23,020 barrels of oil discovery allowable to its Santa Fe and Pacific Railroad Well No. 20-1 located off Unit G of Section 20, Township 21 North, Range 8 West, San Juan County, New Mexico, being the discovery well for the Snake Eyes-Entrada Pool in said Section 20.
- CASE 5930: Application of Morris R. Antwell for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the E/2 of Section 10, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5931: Application of Morris R. Antwell for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the N/2 of Section 29, Township 18 South, Range 25 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO



IN THE MATTER OF THE APPLICATION  
OF DOME PETROLEUM CORPORATION  
FOR THE AWARD OF A DISCOVERY  
ALLOWABLE.

Case No. 5929

APPLICATION

COMES NOW THE Applicant, DOME PETROLEUM CORP., and respectfully makes application to the Oil Conservation Commission for the award of a discovery allowable to its Santa Fe and Pacific Railroad Well No. 20-1 located in Unit G in Section 20, Township 21 North, Range 8 West NMPM and as cause therefore respectfully shows the Commission as follows:

1. As is indicated on the attached Form C-109, the applicant completed its Santa Fe and Pacific Railroad 20-1 on February 12, 1977 in the Entrada Formation between 5604 feet and 5612 feet which, upon information and belief, is new oil production from the new pool designated as the Snake Eyes Entrada.

2. The location of all offset wells and lease ownership within a two mile radius of the Santa Fe and Pacific Railroad Well No. 20-1 are shown on the Snake Eyes Entrada Location and Acreage Map attached hereto as Exhibit "B."

3. Attached hereto as Exhibit "C" is an Electrical Log of the Santa Fe and Pacific Railroad 20-1.

WHEREFORE, the Applicant prays for the Commission's Order applying a discovery allowable of five barrels per foot of depth to the top of the perforations to its Santa Fe and Pacific Railroad Well No. 20-1.

DOME PETROLEUM CORPORATION

By: WHITE, KOCH, KELLY & MCCARTHY

By:

*[Signature]*  
Its Attorneys

P.O. Box 787

Santa Fe, New Mexico 87501

(505) 982-4374

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 509.  
If discovery is claimed for more than one zone, separate forms must be filed for each.

Case 5929  
Form C-109  
Adopted 9-1-66

Operator <b>Dome Petroleum Corp.</b>		Address <b>Suite 1500, 1600 Broadway, Denver, CO 80202</b>	
Lease Name <b>Santa Fe and Pacific Railroad</b>		Well No. <b>20-1</b>	County <b>San Juan</b>
Well Location			
Unit Letter <b>G</b>	<b>1800</b>	Feet from The <b>North</b>	Line and <b>2110</b> Feet
From the <b>East</b>	Line of Section <b>20</b>	Township <b>21N</b>	Range <b>8W</b> , NMPM
Suggested Pool Names (List in order of preference)			
1. <b>Snake Eyes Entrada</b>			
Name of Producing Formation <b>Entrada</b>		Perforations <b>5604-12</b>	Date of Filing Form C-104 <b>February 14, 1977</b>
Was "Affidavit of Discovery" Previously Filled For This Well in this Pool? <b>No</b>		If Yes, Give Date of Filing <b>January 19, 1977</b>	Date Well was Spudded <b>February 12, 1977</b>
Total Depth <b>5814'</b>	Plugged Back Depth <b>5718'</b>	Depth Casing Shoe <b>5783</b>	Tubing Depth <b>3012'</b>
Oil Well Potential (Test to be taken only after all load oil has been recovered)		Elevation (Gr., DF, RKB, RT, etc.) <b>6567 GR, 6569 KB</b>	
In <b>231</b> Bbls, Oil Per Day Based On <b>231</b> Bbls In <b>24</b> Hours; <b>0</b> Bbls Water Per Day Based On <b>0</b> Bbls			
In <b>24</b> Hours; Gas Production During Test: <b>TSTM</b> MCF; Gas-Oil Ratio: <b>TSTM</b> Method Of Producing: <b>Flow</b> Chk. Size: <b>Open 2"</b>			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name <b>Snake Eyes Dakota "D"</b>	Name of Producing Formation <b>Dakota</b>	Top of Pay <b>4678</b>	Bottom of Pay <b>4699</b>	Currently Producing? <b>No</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool <b>1650' approx</b>		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool <b>904'</b>		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name <b>Ojo Encino</b>	Top of Pay <b>5881'</b>	Bottom of Pay <b>5908'</b>	Currently Producing? <b>Yes</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool <b>19.6 miles-approximately</b>			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? <b>No</b>	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
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Is the Subject Well Multiple Completion? <b>No</b>	Is Discovery Allowable Requested for other Zone(s)?	If Yes, Name all Such Formations <b>5604 5 28020</b>
---	---	---

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)


NAME	ADDRESS
<b>Michael J. Schiff</b>	<b>Box 9031 Denver, CO 80209</b>
<b>Southern Union Supply</b>	<b>First International Bldg., Dallas, TX 75270</b>
<b>State of New Mexico</b>	<b>P. O. Box 1148, Santa Fe, New Mexico</b>

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:
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CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

 Signature	<b>District Engineer</b> Position	<b>4-7-77</b> Date
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DRAFT

dr/

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. 5929

Order No. R- 5443

APPLICATION OF DOME PETROLEUM  
CORPORATION FOR ASSIGNMENT OF A  
DISCOVERY ALLOWABLE, SAN JUAN COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 25,  
19 77, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this            day of           , 1977, 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.

*a. d. Pacific  
Santa Fe Railroad*  
(2) That the applicant, Dome Petroleum Corporation, is the  
owner of the ~~Federal 15~~ Well No. 1, located in Unit ~~6~~ of Section  
~~20~~ 20, Township ~~11~~ 11 North, Range ~~8~~ 8 West, NMPM, McKinley County,  
New Mexico. *San Juan*

(3) That said well was completed as an oil well capable of  
producing from the Entrada formation on ~~November 1, 1946~~ *February 1, 1946*, through  
perforations from ~~5160~~ 5604 feet to ~~5169~~ 5612 feet.

(4) That the applicant seeks ~~the creation of a new pool for~~  
~~Entrada production for said well,~~ and the assignment of an oil  
discovery allowable in the amount of ~~25,000~~ 28,020 barrels of oil to  
said well.

(5) That said well has in fact made discovery of a new oil  
pool, and is entitled to the assignment of such discovery allowable.

*which has been previously designated the  
Snake Eyes - Entrada Oil Pool,*

(5) That a new pool in McKinley County, New Mexico, should be created and defined, classified as an oil pool for Entrada production, and designated as the Papers Wash-Entrada Oil Pool, comprising the following-described lands:

TOWNSHIP 19 NORTH, RANGE 5 WEST, NMPM  
Section 15: NW/4

*Santa Fe and  
Pacific Railroad*

6

(6) That the discovery well for said pool, the Dome Petroleum Corporation Federal 15 Well No. 1, located in Unit 6 of said Section 15 should be assigned an oil discovery allowable in the amount of 25,000 barrels to be produced in addition to the well's regularly assigned allowable during the next 730 days.

28,020

IT IS THEREFORE ORDERED:

(1) That the Dome Petroleum Corporation, Santa Fe and Pacific Railroad Well No. 1, located, in Unit 6 of Section 20, Township 21 North Range 8 West Snake Eyes - Entrada Oil Pool, San Juan County, New Mexico, is hereby assigned an oil discovery allowable in the amount of 28,020 barrels, to be produced in addition to said well's regularly assigned allowable, at the rate of approximately 38 barrels per day during the next 730 days.

(2) jurisdiction