CAN 6462: MECLELIAN OIL CORPORATION FOR AN UNCETHODOX WELL LOCATION, CHAVES COUNTY, NEW MEXICO

# CASE NO.

6462

APPlication,
Transcripts,
Small Exhibits,

ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico
28 February 1979

# EXAMINER HEARING

IN THE MATTER OF:

Application of McClellan Oil Corporation ) for an unorthodox well location, Chaves ) County, New Mexico.

CASE 6462

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Bldg. Santa Fe, New Mexico 87503

For the Applicant:

W. Thomas Kellahin, Esq. KELLAHIN & KELLAHIN 500 Don Gaspar Santa Fe, New Mexico 87501

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JACK L. McCLELLAN

Direct Examination by Mr. Kellahin

EXHIBITS

Applicant Exhibit One, Cross Section Applicant Exhibit Two, Cross Section Applicant Exhibit Three, Contour Map Applicant Exhibit Four, Diagram Applicant Exhibit Five, Plat 

MR. STAMETS: We'll call next Case 6462.

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MS. TESCHENDORF: Case 6462. Application of McClellan Oil Corporation for an unorthodox well location, San Juan County, New Mexico.

MR. KELLAHIN: I'm Tom Kellahin, Santa Fe, New Mexico, appearing on behalf of the applicant, and I have one witness to be sworn.

(Witness sworn.)

# JACK L. McCLELLAN

being called as a witness and having been duly sworn upon his oath, testified as follows, to-wit:

# DIRECT EXAMINATION

# BY MR. KELLAHIN:

- Would you please state your name and occupation?
- My name is Jack L. McClellan. I am president of McClellan Oil Corporation.
- Mr. McClellan, have you previously testified before the Oil Conservation Division?
  - Yes, sir.
  - In what capacity, sir?
  - As a geologist.
  - And have your qualifications as a geologist

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been accepted and made a matter of record?

A. Yes.

Q And have you made a study of and are you familiar with the facts surrounding this particular application?

A. Yes.

MR. KELLAHIN: We tender Mr. McClellan as an expert witness.

MR. STAMETS: We consider him qualified.

Q (Mr. Kellahin Continuing.) Mr. McClellan, would you refer to what has been marked as Exhibit Number.

One and identify that exhibit?

A. Exhibit Number One is a cross section across the proposed area for the unorthodox location, running north to south with the well indicated in between that I have not yet obtained the log on.

This is the well in question, the McClellan Oil Corporation No. 3 Marilsue State.

Q Let's go to Exhibit Number Five at this point, Mr. McClellan. Would you identify the unit assigned to the subject well?

A. The unit assigned is the northeast quarter northwest quarter and is represented on this plat by the hatched area.

Q What's indicated by the yellow color?

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A. That's the acreage that I have under sublease from Sun Oil Company.

Q Is the working interest and royalty interest ownership in the entire yellow shaded area the same?

A. Yes.

Q What would be a standard location for this particular area?

A A standard location would have been 990 from the north, 1650 from the west.

Q And what is your proposed location?

A 1155 from the north; 1585 from the west.

Q All right, let's go back and talk some more about Exhibit Number One.

Why don't you have a log on the subject well?

A. We just finished drilling the well and we ran in casing. We will log the well at the same time we perforate it.

At that time we will have a log. I do have a sample examination. This is where this information was derived on this cross section.

Q. What other wells have you drilled in the immediate area?

A. We have drilled all the wells in that section with the exception of the Dalport Well in the southeast quarter southeast quarter and the Roark and Hooker in the

SALLY WALTON BOY ENTINE SHORTHAND REPORT 32 PERS BLAGGE (545) 471-5 SARLE PS, New Medico 371-5

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northwest quarter southwest quarter of Section 24.

Why have you chosen this particular location
 over a standard location?

A. We had drilled a dry hole located in the southeast quarter southwest quarter of Section 13, 14 South, 29 East, the immediate north offset to this well. This well we found to be extremely tight with very poor development of Queen Sand.

Q. In your opinion can this spacing unit be drained from a well located as proposed?

A. No. Oh, you mean from what I have proposed?

Q That's right.

A. Yes. It's right on the very south edge of a depositional facies change, as depicted on Exhibit Three.

Q All right, let's go to Exhibit Number Three and have you describe what information is contained on that exhibit.

A. I've indicated here a structure contour map based on the top of the Queen pay. Also in orange color a, what I consider depositional facies change. All the wells drilled in this section are drilled with cable tools. Therefore we had an excellent test on each well and also the type sand that we were dealing with.

We could see from this that the proposed location is just right up against this facies change. Any

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location in a standard location in my opinion would have resulted in the same situation we had in the dry hole immediately to the north.

It's your opinion, then, that if you drilled this unit at a standard location there would have been a dry hole?

> Yes. A.

Is the proposed location the only productive Q. location within the -- is it the most optimum productive location within the unit?

Yes, it appears to be.

All right. Let's look at Exhibit Number Two Q and would you describe that, please?

Exhibit Number Two is simply an east-west cross section as depicted on Exhibit Four, simply showing that we also drilled a dry hole located in the northeast quarter northeast quarter of Section 24. These two logs indicate the absolute lack of any -- well, you can see on the log on the lefthand side of the cross section, the Queen porosity per se is just completely missing. There's no -no development of porosity at all, and this seemed to be the case, also, in the Marilsue 1 on the righthand side of Exhibit Two.

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Exhibit Number Four is a presentation of the type fluids that were recovered in the drilling of the wells in Section 24 and the one in Section 13. It also indicates the location of the cross section.

Were Exhibits One through Five prepared by you directly or compiled under your direction and supervision?

Yes,

In your opinion, Mr. McClellan, will approval of this application be in the best interests of conservation, prevention of waste, and the protection of correlative rights

> A. Yes.

MR. KELLAHIN: We move the introduction of Exhibits One through Five.

MR. STAMETS: These Exhibits will be admitted Are there any questions of the witness?

Being none, he may be excused.

Anything further in this case?

We'll take the case under advisement.

(Hearing concluded.)

# REPORTER'S CERTIFICATE

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I, SALLY W. BOYD, a court reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill, from my notes taken at the time of the hearing.

I do hereby could shat the foregoing is a complete the color the proceedings in the Executacy beliating of Case No. 6462heard by mg on\_\_\_

Examiner

Oil-Conservation Division

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New Mexico 28 February 1979

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E X H I B I T S

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Applicant Exhibit Two, Cross Section 8

Applicant Exhibit Three, Contour Map 8

Applicant Exhibit Four, Diagram 8

Applicant Exhibit Five, Plat 8

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Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Execution Loading of Coss No. 6463 , Examiner

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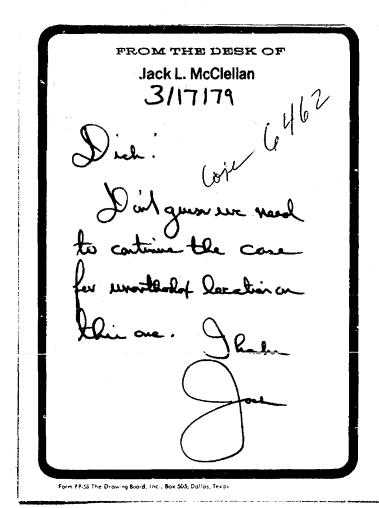
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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN BECRETARY

March 20, 1979

CASE NO.

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Mr. Tom Kellahin Kellahin & Kellahin	ke:	ORDER NO. R-5946	
Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico		Applicant:	,
		McClellan Oil Cor	poration
Dear Sir:			
Enclosed herewith are Division order recently			
JOE D. RAMEY Director		•	
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JDR/fd			
Copy of order also sent	t to:		4 E. =
Hobbs OCC X Artesia OCC X Aztec OCC			

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 6462 Order No. R-5946

APPLICATION OF McCLELLAN OIL CORPORATION FOR AN UNORTHODOX WELL LOCATION, CHAVES COUNTY, NEW MEXICO.

# ORDER OF THE DIVISION

# BY THE DIVISION:

This cause came on for hearing at 9 a.m. on February 28, 1979, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 16th day of March, 1979, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, McClellan Oil Corporation, seeks approval of an unorthodox location for its Marlisue State Well No. 3 located 1155 feet from the North line and 1485 feet from the West line of Section 24, Township 14 South, Range 29 East, NMPM, Double "L"-Queen Associated Pool, Chaves County, New Mexico.
- (3) That the NE/4 NW/4 of said Section 24 is to be dedicated to the well.
- (4) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.
- (5) That no offset operator objected to the proposed unorthodox location.

-2-Case No. 6462 Order No. R-5946

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the hydrocarbons in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

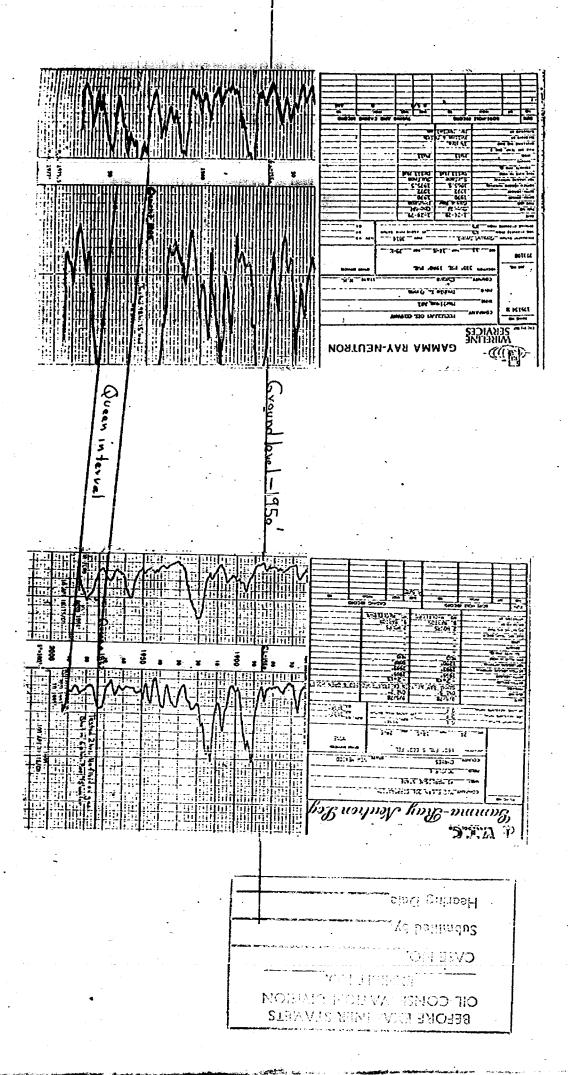
# IT IS THEREFORE ORDERED:

- (1) That an unorthodox well location is hereby approved for the McClellan Oil Corporation Marlisue State Well No. 3 located at a point 1155 feet from the North line and 1485 feet from the West line of Section 24, Township 14 South, Range 29 East, NMPM, Double "L"-Queen Associated Pool, Chaves County, New Mexico.
- (2) That the NE/4 NW/4 of said Section 24 shall be dedicated to the above-described well.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OLL CONSERVATION DIVISION

JOE D. RAMEY, Director



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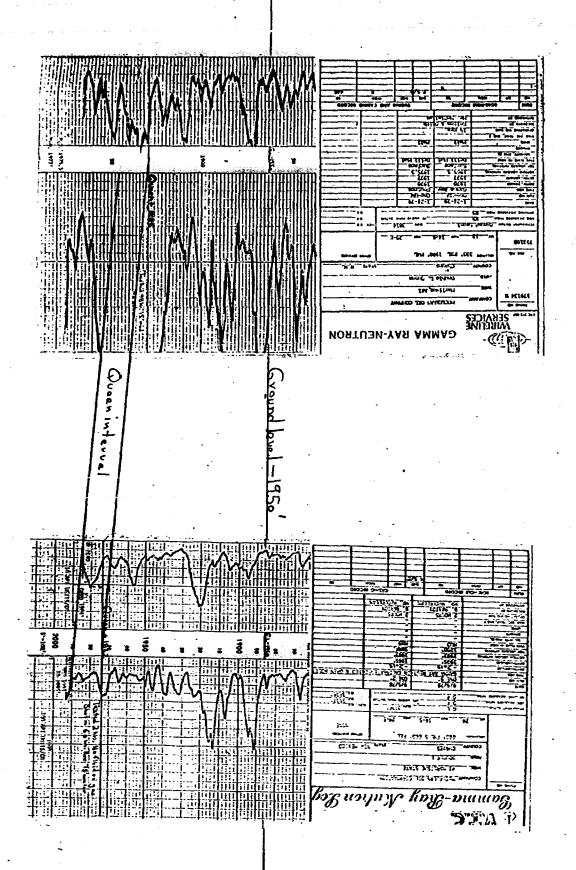
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Dockets Nos. 9-79 and 10-79 are tentatively set for hearing on March 14 and 28, 1979. Applications for hearing bust be filed at least 22 days in advance of hearing date.

Docket No. 7-79

# DOCKET: COMMISSION HEARING - FRIDAY - FEBRUARY 23, 1979

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANFA FE, NEW MEXICO

Mayor Eddie Armenta, the Village of Jumez Springs, and all other interested parties to appear and show cause why the Jemez Well No. 1 located in Unit A of Section 26, Township 18 North, Range 2 East, Sandoval County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit

Docket No. 8-79

## DOCKET: EXAMINER HEARING - HEDNESDAY - FEBRUARY 28, 1979

9 A.M. - OIL CONSERVATION DIVISION 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 6422: (Continued from January 31, 1979, Examiner Hearing)

CASE 64611

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Helton Engineering & Geological Services, Inc., Travelers Indemnity Company, and all other interested parties to appear and show cause why the Brent Well No. 1 located in Unit M of Section 29 and the Brent Well No. 3 located in Unit G of Section 19, both in Township 13 North, Range 6 East, Sandoval County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program,

CASE 6434: (Continued from January 31, 1979, Examiner Hearing)

Application of Amerada Hess Corporation for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a finding that the drilling of its State "O" Well No. 5 to be located in Unit H of Section 30, Township 19 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well, and further seeks approval of a waiver of existing well-spacing requirements.

CASE 6435: (Continued from February 14, 1979, Examiner Hearing)

Application of Amerada Hess Corporation for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a finding that the drilling of its W. A. Weir "B" Well No. 3 located in Unit B of Section 26, Township 19 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well, and further seeks approval of a waiver of existing well-spacing requirements.

CASE 6436: (Continued from January 31, 1979, Examiner Hearing)

Application of Amerada Hess Corporation for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a finding that the drilling of its State "U" Gas Com Well No. 2 to be located in Unit C of Section 32, Township 19 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well, and further seeks approval of a waiver of existing well-spacing requirements.

CASE 6462: Application of McClellan Oil Corporation for an unorthodox well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Marlisue State Well No. 3 to be located 1155 feet from the North line and 1485 feet from the West line of Section 24, Township 14 South, Range 29 East, Double "L" Queen Associated Pool, Chaves County, New Mexico, the NE/4 NW/4 of said Section 24 to be dedicated to the well.

CASE 6463: Application of Grville Slaughter for pool and lease commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Oswell-Farmington Pool production from his Sangre de Cristo Well No. 1 with undesignated Fruitland production from his Sangre de Cristo Well No. 2, both located in Unit D of Section 34, Township 30 North, Range 11 West, San Juan County, New Mexico.

# McClellan Oil Corporation

JAN 23 13:3

January 26, 1979 Contr. Add 14.

Case 6462

Energy and Minerals Department Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: McClellan Oil Corporation Marlisue State No. 3 1155' FNL & 1485' FWL Section 24-T14S-R29E Chaves County, New Mexico

# Gentlemen:

This letter is to request a hearing before this Commission for a Non-Standard Location as described in the caption above. This well is located in the Undesignated Double "L" Queen Associated Pool of Chaves County, New Mexico. It is further requested that the hearing be scheduled on the February 28, 1979 Docket in order to determine the feasibility of this Non-Standard Location request. The acreage dedication to this well would be the NEANWA of Section 24. Thank you for your cooperation in this matter.

Sincerely,

Jack L. McClellan President

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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 6462
ORDER NO. R- 5946
APPLICATION OF McCLELLAN OIL CORPORATION
FOR AN UNORTHODOX CAS WELL LOCATION,
CHAVES COUNTY, NEW MEXICO.
ORDER OF THE DIVISION
BY THE DIVISION:
This cause came on for hearing at 9 a.m. on February 28
19 79 , at Santa Fe, New Mexico, before Examiner Richard L. Stamet
NOW, on thisday of March, 19 79 , the Division
Director, 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 Division has jurisdiction of this cause and the subject
matter thereof.
(2) That the applicant, McClellan Oil Corporation
for its Marlisue State Well No. 3 to be located
seeks approval of an unorthodox gas-well location/ 1155
eet from the North line and 1485 feet from the
West line of Section 24 , Township 14 South
Range 29 East , NMPM, to test the
ormation, Pool, Chaves Pool, Double "L"-Queen
county, New Mexico.
(3) That the $NE/4$ $NW/4$ of said Section $24$ is to be
edicated to the well.
(4) That a well at said unorthodox location will better
nable applicant to produce the gas underlying the proration unit.
(5) That no offset operator objected to the proposed unorthogonal

A .01/

location.

-2-		
Case	No.	
<b>Order</b>	No.	R

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

# IT IS THEREFORE ORDERED:

(1) That an unorthodox gase well location for the
the McClellan Oil Corporation Marlisue State Well No. 3 to be formation is hereby approved for Action located at a point 1155
13 hereby approved for ARXXXXXXX her focated at a portio
feet from the North line and 1485 feet from the West
line of Section 24, Township 14 South, Range 29 East
NMPM, Double "L"-Queen Associated Pool, Chaves County,
New Mexico.

- (2) That the NE/4 NW of said Section 24 shall be dedicated to the above-described well.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

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Application 1-26-79

McClellan Oil Corp for NSL

Double L.-Queen Poul

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