

CASE 4632: Application of MOBIL
OIL CORP. FOR AN UNORTHODOX GAS
WELL LOCATION, LEA COUNTY, N.M.

Bill
Simmons
Mobil Oil Co.
Midland, Texas

DOCKET MARKED

Date 11-18-71

Case Number
4632

Application

Transcripts

Small Exhibits

ETC.

dearnley-meier reporting service, inc.

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

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-4491 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
December 1, 1971

EXAMINER HEARING

IN THE MATTER OF:

Application of Mobil Oil Corpor-
ation for a dual completion,
Lea County, New Mexico

Case No. 4632

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

I N D E XPAGEJOHN SEEREY

Direct Examination by Mr. Sperling

3

E X H I B I T S

	<u>Marked</u>	<u>Offered and Admitted</u>
--	---------------	---------------------------------

Applicant's Exhibits Nos. 1 through 5

4

10

MR. NUTTER: Case No. 4632.

MR. HATCH: Case No. 4632. Application of Mobil Oil Corporation for an unorthodox gas well location, Lea County, New Mexico.

MR. SPERLING: James E. Sperling of Modrall, Sperling, Roehl, Harris and Sisk, appearing for the Applicant, Mobil Oil Corporation and we have one witness.

(Witness sworn.)

JOHN SEEREY

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SPERLING:

Q Would you state your name, please?

A John Seerey.

Q Where do you live, Mr. Seerey, and by whom are you employed and in what capacity?

A I am employed as an Associate Engineer in the Proration Engineering Group of the Midland Division Office of Mobil Oil Corporation.

Q Have you on any prior occasion testified as to your qualifications before the Commission?

A Yes, I have.

MR. SPERLING: Are the qualifications acceptable?

MR. NUTTER: Yes, they are.

BY MR. SPERLING:

Q What does Mobil seek in this Application?

A Mobil Oil Corporation requests approval of the Commission for the dedication of the west half of Section 14, Township 17 South, Range 34 East, Lea County, New Mexico to its Bridges State Well No. 133 in the North Vacuum-Morrow Gas Pool completed as an unorthodox location in this Unit.

(Whereupon, Applicant's Exhibits Nos. 1 through 5 were marked for identification.)

BY MR. SPERLING:

Q Mr. Hatch has kindly marked our Exhibits for us in this matter; would you please refer to what has been marked as Exhibit No. 1 in this matter?

A Exhibit 1 is a plat of Mobil's Bridges State Lease in the North Vacuum-Morrow Gas Pool. The subject Well No. 133 is shown in Unit "F" Section 14, Township 17 South, Range 34 East. The other Morrow Gas Wells in the field are also shown on Exhibit 1. The area shown within the dashed outline is that area presently designated to be in the North Vacuum-Morrow Gas Pool. Mobil's

presently proposed re-completion to the Morrow formation in the Bridges State Well No. 125 is shown by the orange triangle in Unit "H" Section 14.

Q I assume the yellow acreage on the exhibit represents Mobil's acreage in the area?

A Yes, sir.

Q Now, would you refer to Exhibit No. 2, please, and explain that?

A Exhibit No. 2 is a copy of the Form C-101 filed in December of 1969 for the Application to drill Well No. 133.

Q And Exhibit 3?

A Exhibit 3 is a copy of the original Form C-102 filed in December of 1969 for Well No. 133. This shows Well No. 133 to be located 2150 feet from the west line and 1880 feet from the north line.

(Whereupon, a discussion was held off the record.)

BY MR. SPERLING:

Q Mr. Seerey, I think you were explaining Exhibit 3 and the location of Well No. 133?

A Yes, sir. I had said that the well is 1880 feet from the north line of Section 14, Township 17

South, Range 34 East, Lea County, New Mexico. Exhibit 3 further shows the north half of Section 14 to be dedicated to Well No. 133.

Q Is Well 133 in an orthodox location for the designated unit on Exhibit 3?

A Yes, sir, it is.

Q Why is Mobil now seeking approval for an unorthodox location on Well No. 133?

A On November 15th, 1971, Mobil submitted Application for permit and received approval from the Commission to deepen the Bridges State No. 125 to the Morrow formation. Well No. 125 is located 2180 feet from the north line and 660 feet from the east line of Section 14, Township 17 South, Range 34 East, Lea County, New Mexico. The Application requested that the east half of Section 14 be dedicated to Well No. 125 and the well is an orthodox location to the east half of Section 14, however, to dedicate the east half of Section 14 to Well No. 125, we must revise the acreage dedicated to the subject well of this Hearing, Well No. 133, and now we seek to dedicate the west half of Section 14 to it as shown on Exhibit 4, the Form C-102 being submitted for Well No. 133. While Well 133 is an

orthodox location to the originally dedicated north half of Section 14, the same location becomes an unorthodox location when the west half of Section 14 is dedicated to it because it is 100 feet too close to the end boundary and 170 feet too close to the side boundary. It should be noted that the only location in the northwest quarter that Well No. 133 could have been located to qualify as an orthodox location in either the north half or west half of Section 14 would have been 1980 feet from the north and west lines of the Section. However, the Bridges State Well No. 65, the San Andres Well is located at that position.

Q Well, the deepening of Bridges State Well No. 125 to the Morrow is the cause of Well No. 133 becoming unorthodox. Why didn't you select another location for the new Morrow well in the south half of Section 14?

A Considering the production history and the existing wells that we have in this pool in this area and the estimated drilling risk cost, Mobil feels that the recompletion of Well No. 125 is the only economical alternative for further development of the North Vacuum-Morrow Pool. To further explain this, I would point out that Well No. 125 is located in a position of maximum

well control in the area for the Morrow. If you would note on Exhibit No. 1, Well No. 125 has Morrow wells to all sides, north, south, east and west. The Morrow itself is a -- we look upon it as a single completion. All Morrows there shown are single completions. While other zones were tested, we found that the extreme pressure, high pressure, that the Morrow produces at is not conducive to dual production, and in some cases, we found the complete absence of the other deep zones, the Upper Penn, the Middle Penn and Wolfcamp, so basically, we view the Morrow as a single completion attempt and this influences the drilling cost. To further explain the other Morrow wells, I might scan Exhibit 1 and mention that Well 151 which would be a southwest offset to Well No. 125. By my notes it was completed in March of 1971 and it had a calculated open flow of 3.45 M.M.C.F. per day at that time. It has declined to 693 M.C.F. a day with 5 barrels of oil a day now. We found high water saturation in the Upper Penn, Middle Penn and Wolfcamp in that well. To the other extreme, to the north of Well No. 125, you will see Well No. 126, and it was drilled in July of '68 or completed in July of '68 for, I believe, 1.65 M.M.C.F. per day at that time. At

this time it is producing 1532 M.C.F. a day with 88 barrels of oil.

Q So, it hasn't declined much?

A No, sir. This, to us, indicates the preferential production in the Morrow is to the north so far as Section 14 is concerned. In other words, we don't feel we can justify drilling in the south part of Section 14 as evidenced by the production of the south there.

Q What is your estimated cost of completing the Morrow Well at another location?

A \$315,000. which is considered all risk money. To re-enter Well No. 125 which was originally drilled to 10,600 foot T.E., the estimated cost deepened to the Morrow is \$180,000. which is risk money. The difference between the \$180,000. to \$315,000. represents to Mobil a \$135,000. difference in risk money, to further complete the Morrow.

Q Plus the prospect of getting a better well?

A Yes, sir. At least, longer-lived.

Q Do you have anything further to add in connection with the Morrow prospects in this area?

A No, sir, I believe that about covers it.

Q I notice that the Shell acreage to the northwest

of the proposed location, have you obtained a waiver from Shell as to this Application?

A Exhibit 5 is Shell's signed waiver showing Shell as the offset operator to the subject well has no objection to the Commission granting Mobil approval for the unorthodox location requested.

Q At Well No. 133?

A Yes, sir.

Q Do you have anything further?

A No, sir.

MR. SPERLING: That is all that we have at this time. I would like to offer Exhibits 1 through 5, please?

MR. NUTTER: Mobil Exhibits 1 through 5 will be admitted in evidence.

(Whereupon, Applicant's Exhibits Nos. 1 through 5 were offered and admitted in evidence.)

MR. NUTTER: Does anyone have any questions of Mr. Seerey?

You may be excused.

(Witness dismissed.)

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

MR. SPERLING: No, sir.

MR. NUTTER: Does anyone have anything they wish to offer in Case No. 4632?

We will take the case under advisement and recess the Hearing.

(Whereupon, a recess was held at 10:09 A.M.)

STATE OF NEW MEXICO)
) SS.
 COUNTY OF SANTA FE)

I, RICHARD L. NYE, Court 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.

Richard L. Nye
 COURT REPORTER

My commission expires March 25, 1975.

I do hereby certify that the foregoing is
 a correct record of the proceedings in
 the hearing of Case No. 4632
 held by me on 12/1, 1971.

James, Examiner
 New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

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

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

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

December 10, 1971

Mr. James E. Sperling
Modrall, Seymour, Sperling,
Roehl & Harris
Attorneys at Law
Post Office Box 2168
Albuquerque, New Mexico

Re: Case No. 4632
Order No. R-4230
Applicant:
Mobil Oil Corporation

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

Copy of order also sent to:

Hobbs OCC x
Artesia OCC _____
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. 4632
Order No. R-4230

APPLICATION OF MOBIL OIL
CORPORATION FOR AN UNORTHODOX
GAS WELL LOCATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 1, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 9th day of December, 1971, 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, Mobil Oil Corporation, seeks authority to dedicate the W/2 of Section 14, Township 17 South, Range 34 East, NMPM, to its Bridges State Well No. 133, situate at an unorthodox location for said unit 1880 feet from the North line and 2150 feet from the West line of said Section 14, North Vacuum-Morrow Gas Pool, Lea County, New Mexico.

(3) That approval of the subject application will permit the development of two 320-acre standard gas proration units within the boundaries of said Section 14.

(4) That approval of the unorthodox location will not violate correlative rights and will afford the applicant the opportunity to produce its just and equitable share of the gas in the North Vacuum-Morrow Gas Pool, will prevent the economic

-2-

CASE NO. 4632
Order No. R-4230

loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste.

IT IS THEREFORE ORDERED:

(1) That an unorthodox gas well location is hereby approved for the Mobil Oil Corporation's Bridges State Well No. 133 in the North Vacuum-Morrow Gas Pool at a location 1880 feet from the North line and 2150 feet from the West line of Section 14, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

(2) That the applicant, Mobil Oil Corporation, is hereby authorized to dedicate the W/2 of Section 14, Township 17 South, Range 34 East, NMPM, to the above-described Bridges State Well No. 133.

(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


Bruce King
BRUCE KING, Chairman

Alex J. Amadio
ALEX J. AMADIO, Member

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

S E A L

dr/

Docket No. 27-71

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 1, 1971

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 4629: Application of El Paso Natural Gas Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Rocky Arroyo Well No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, in such a manner as to permit the production of gas from an undesignated Morrow gas pool through tubing and an undesignated Wolfcamp gas pool through the casing-tubing annulus.
- CASE 4630: Application of C. W. Trainer for a non-standard gas unit, Lea County, New Mexico. Applicant, in the above-styled cause, seek approval of a 316.15-acre non-standard gas spacing unit comprising Lots 1 and 2 and E/2 W/2 of Section 31, Township 24 South, Range 37 East, and Lots 2 and 3 of Section 6, Township 25 South, Range 37 East, Custer-Ellenburger Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled 660 feet from the South line and 1590 feet from the West line of said Section 31.
- CASE 4631: Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Learcy McBuffington Well No. 7 located in Unit M of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Tubb-Drinkard Oil Pool and gas from the Justis-Glorieta Gas Pool through parallel strings of tubing.
- CASE 4632: Application of Mobil Oil Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dedicate the W/2 of Section 14, Township 17 South, Range 34 East, to its Bridges State Well No. 133, situate at an unorthodox location for said unit in the North Vacuum-Morrow Gas Pool, Lea County, New Mexico.

CASE 4563: Continued from the November 10, 1971, Examiner Hearing

Application of Corinne Grace for special gas-oil ratio limitation and pressure maintenance project, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to produce her State Well No. 1 located in Unit A of Section 1, Township 15 South, Range 29 East, Double L-Queen Pool, Chaves County, New Mexico, with no gas-oil ratio limitation, strip the liquids, and institute a pressure maintenance project by the injection of all said gas back into the producing formation through her State Well No. 2 located in Unit B of said Section 1. Applicant further seeks to transfer an oil allowable from said Well No. 2 to said Well No. 1.

CASE 4619: Continued from the November 10, 1971, Examiner Hearing

Application of Corinne Grace for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface of the ground down to and including the Morrow formation underlying the N/2 of Section 25, Township 22 South, Range 26 East, which acreage is within one mile of the South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled to the Morrow formation at a location 1980 feet from the North and East lines of said Section 25. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges of supervision of said well.

CASE 4620: Continued from the November 10, 1971, Examiner Hearing

Application of Corinne Grace for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface of the ground down to and including the Morrow formation underlying the N/2 of Section 24, Township 22 South, Range 26 East, which

-3-

Examiner Hearing - December 1, 1971

Docket No. 27-71

(Case 4620 continued)

acreage is in the vicinity of the South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled to the Morrow formation at a location 1980 feet from the North and East lines of said Section 24. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

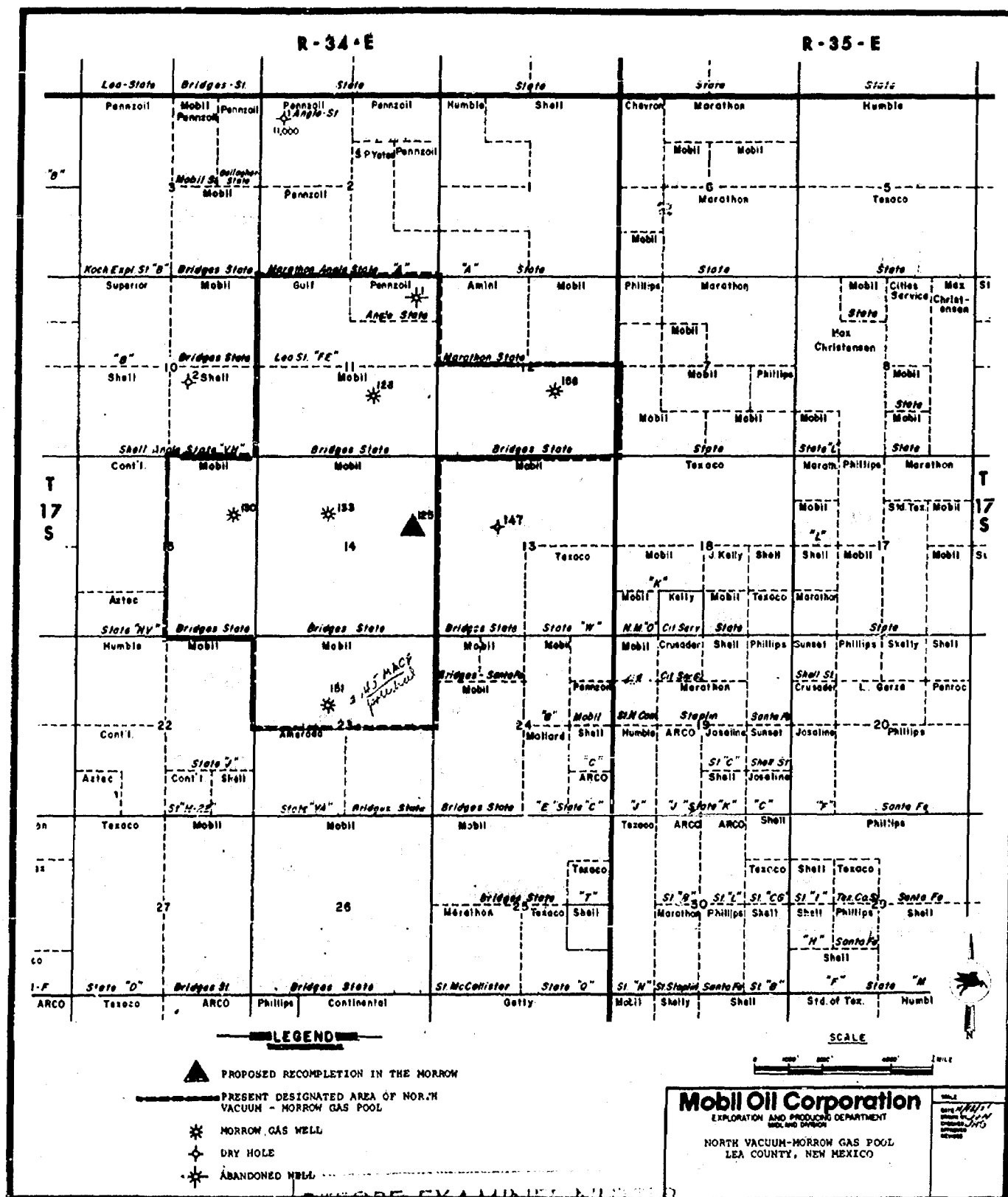
CO-375 (10-53)

FOR ATTENTION OF

..N.M.O.C.C.-.....

ATGeo. Hatch...Copy....

FROM



BEFORE EXAMINER NOTED
OIL CONSERVATION COMMISSION
app. EXHIBIT NO. 1
CASE NO. 4032

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Dec 17 1 22 PM '69

Form C-121
Revised 1-6-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-1520

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Mobil Oil Corporation		133	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 633, Midland, Texas 79701		North Vacuum	
4. Location of Well		12. County	
UNIT LETTER F LOCATED 1880 FEET FROM THE north LINE AND 2150 FEET FROM THE west LINE OF SEC. 14 TWP. 17-S RGE. 34-E NMPM		Lea	
13. Proposed Depth		19A. Formation	
12,500'		Morrow	
20. Rotary or C.T.		22. Approx. Date Work will start	
Rotary		12-16-69	
21. Elevations (Show whether D.F., H.I., etc.)		21A. Kind & Status Plug. Bond	
4025 G.L.		On File	
21B. Drilling Contractor		22. Approx. Date Work will start	
--		12-16-69	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	Circulate	Surface
12-1/4"	9-5/8"	40#	5000'	Circulate	Tie-in w/surf csg
8-3/4"	7"	26#	12500'	Circulate	Tie-in w/9-5/8" intermediate csg

Mud Program

0 - 350 Spud Mud
350 - 5000 Brine, Flosal & Drispac as needed
5000 - 8400 Fresh Water
8400 - T.D. Low Solids Fresh Water Mud

Logging Program

2800 - 5000 Lateralog
5000 - 12,500 IEA
2800 - 12,500 BHC Sonic w/GR & Caliper
6000 - 12,500 Microlog

Dist: MWN Norris
GW Barb
AJ Alcott
H R Elledge
Proration
RC Newman (Cen File)

BEFORE EXAMINER NUTTER
NEW MEXICO OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 4632
3-18-70

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed A. D. Bond A. D. Bond Title Proration Staff Assistant Date December 15, 1969

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NE 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.

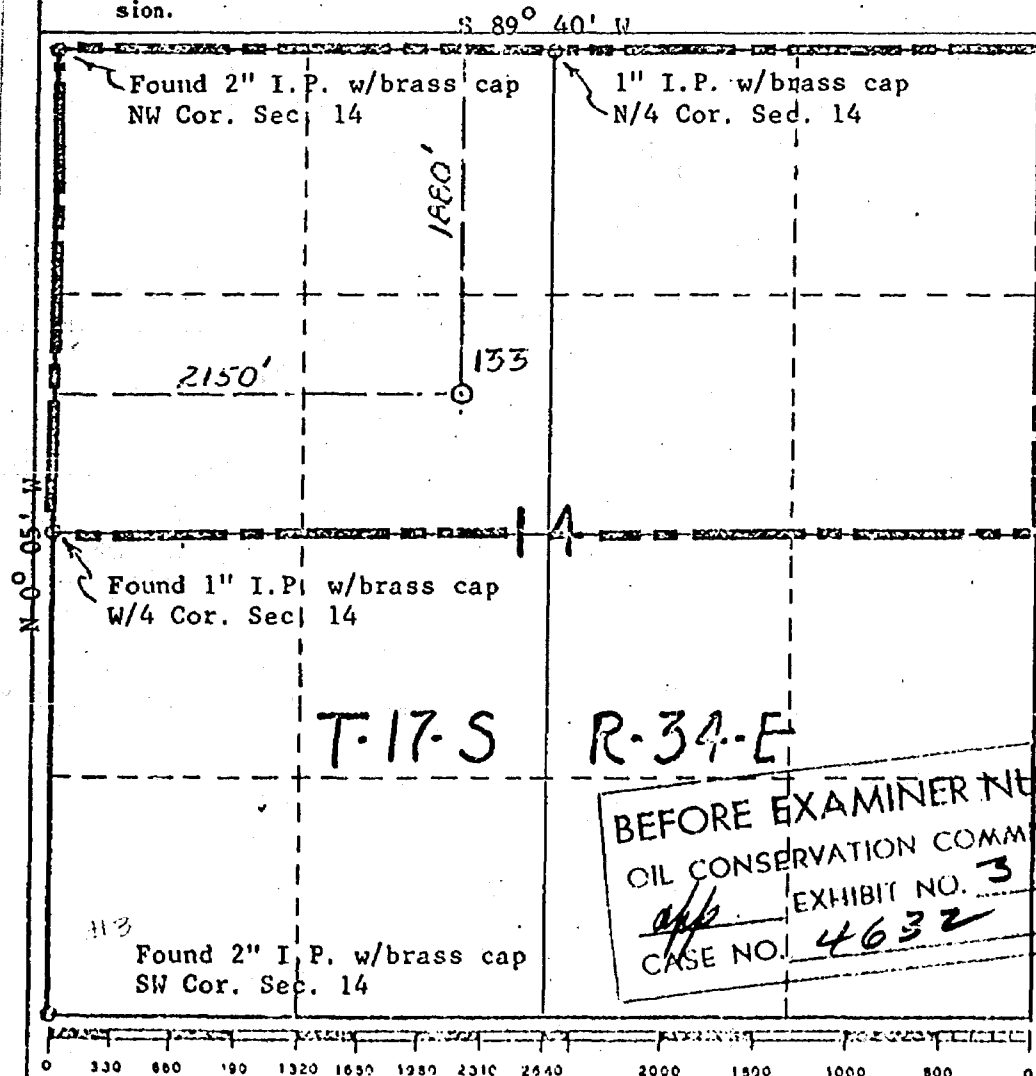
Operator Mobil Oil Corporation			Lease Bridges State		Well No. 133
Unit Letter F	Section 14	Township 17-S	Range 34-E	County Lea	
Actual Footage Location of Well: 1880 feet from the north line and 2150 feet from the west line					
Ground Level Elev. 4025	Producing Formation Morrow		Pool North Vacuum Morrow		Dedicated Acreage: 320 Acres

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 lease 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, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **A. D. Bond**
Position **Proration Staff Assistant**
Company **Mobil Oil Corporation**
Date **December 15, 1969**

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 NOTAR
OIL CONSERVATION COMMISSION
EXHIBIT NO. **3**
CASE NO. **4632**

Date Surveyed **December 12, 1969**
Registered Professional Engineer and/or Land Surveyer

John H. Seerey

Certificate No. **3572**

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.

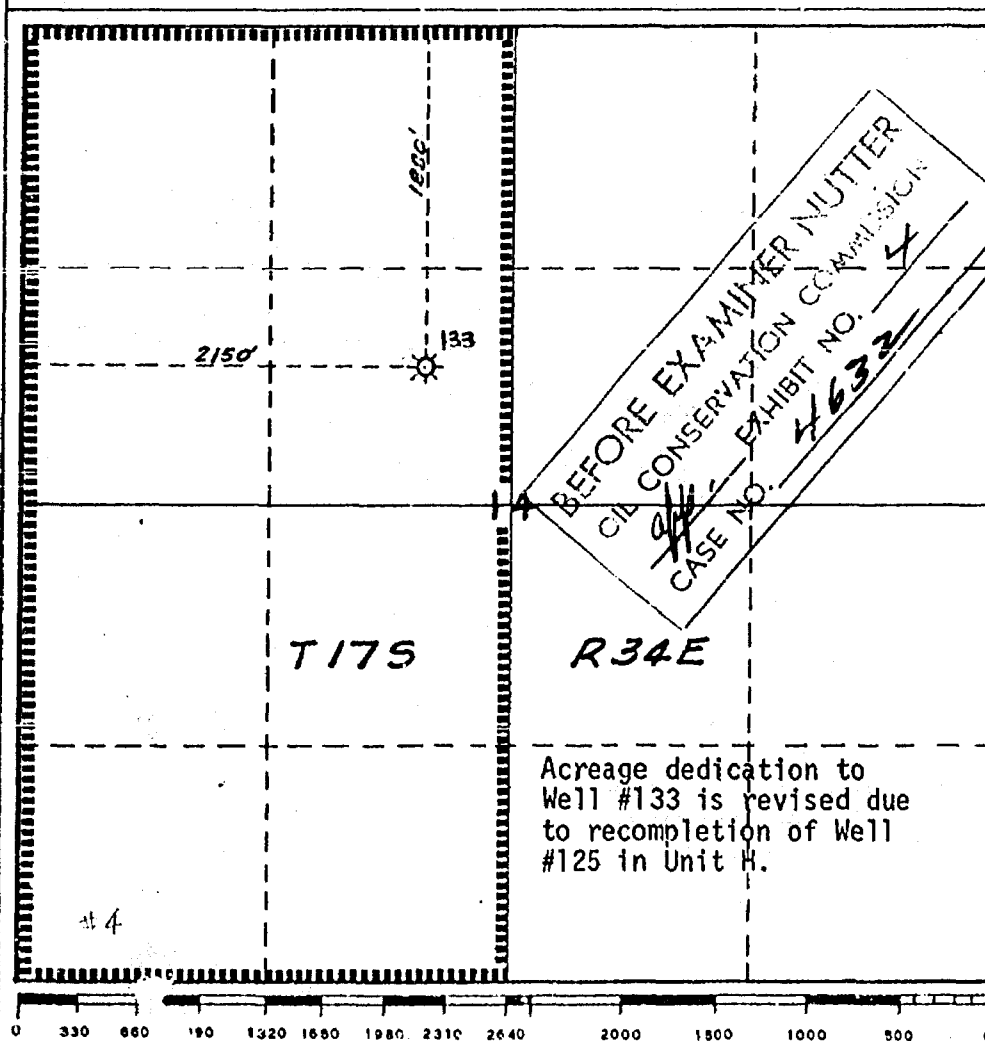
Operator Mobil Oil Corporation			Lease Bridges State		Well No. 133
Unit Letter F	Section 14	Township 17S	Range 34E	County Lea	
Actual Footage Location of Well: 2150 feet from the West line and 1880 feet from the North line					
Ground Level Elev. 4025	Producing Formation Morrow		Pool North Vacuum		Dedicated Acreage: 320 Acres

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 lease 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, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
J. H. Seerey
Position
Associate Engineer
Company
Mobil Oil Corporation
Date
November 17, 1971

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Acreage dedication to Well #133 is revised due to recompletion of Well #125 in Unit H.

W A I V E R

New Mexico Oil Conservation Commission
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

UNORTHODOX LOCATION
MOBIL OIL CORPORATION'S
BRIDGES STATE LEASE WELL #133
NORTH VACUUM (MORROW) POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Shell Oil Company has been informed by Mobil Oil Corporation of their application for an unorthodox well location for the subject well. Please be advised that Shell Oil Company as an offset operator has no objection to the Commission approving Mobil's application.

Yours very truly,

RECEIVED

NOV 29 1971

I. B. STITT, JR.
OFFICE

J. W. Key for H. J. Conrad
SHELL OIL COMPANY

November 24, 1971

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 4632

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. _____

J. R. MODRALL
JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL A. SISK
LELAND S. DEBBERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES P. SAUNDERS, JR.
JAMES A. PARKER
JOHN R. COONEY
KENNETH L. HARRIGAN

PETER J. ADAMS
DALE W. EK
CAMERON R. GRAHAM
DENNIS J. FALK
FARRELL L. LINES

LAW OFFICES OF
MODRALL, SPERLING, ROEHL, HARRIS & SISK
PUBLIC SERVICE BUILDING
P. O. BOX 2168
ALBUQUERQUE, NEW MEXICO 87103

JOHN F. SIMMS (1985-1984)
AUGUSTUS T. SEYMOUR
(1907-1965)

TELEPHONE 243-4511
AREA CODE 505

November 22, 1971 **RECEIVED**

NOV 23 1971

OIL CONSERVATION COMM.

DM
Case 4632

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Mobil Oil Corporation's Application for
Approval of an Unorthodox Well Location,
Bridges State Lease, Well No. 133,
North Vacuum (Morrow) Pool, Lea County,
New Mexico

Dear Mr. Porter:

Enclosed herewith, please find original and two copies
of Mobil Oil Corporation's application for hearing con-
cerning the above-captioned matter.

It would be appreciated if this matter can be scheduled
for hearing before an Examiner at the hearing to be held
on December 1, 1971.

Very truly yours,

James E. Sperling
James E. Sperling

JES:jv

Enclosures

cc: Mr. Ira B. Stitt, w/encl.
Mobil Oil Corporation

DOCKET MAILED

Date 11-23-71

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

RECEIVED
NOV 22 1971
OIL CONSERVATION COMM

IN THE MATTER OF THE APPLICATION OF
MOBIL OIL CORPORATION FOR APPROVAL
OF AN UNORTHODOX WELL LOCATION
LOCATED IN UNIT F, 2150 FEET FROM THE
WEST LINE AND 1880 FEET FROM THE NORTH
LINE IN SECTION 14, TOWNSHIP 17 SOUTH,
RANGE 34 EAST, LEA COUNTY, NEW MEXICO,
WITHIN THE NORTH VACUUM POOL, SAID
WELL BEING COMPLETED IN THE MORROW
FORMATION.

Case No. 4632

A P P L I C A T I O N

1. Applicant, Mobil Oil Corporation, as the owner and operator of Bridges State Lease Well No. 133, North Vacuum (Morrow) Pool, Lea County, New Mexico, hereby requests approval of the unorthodox well location in Unit F, Section 14, T 17 S, R 34 E, N.M.P.M., said well being located 2150 feet from the west line and 1880 feet from the north line of said section.

2. The subject well is presently completed in the Morrow Formation and, as originally completed, the N/2 of Section 14 was dedicated to this well. Bridges State Well No. 125 is located in Unit H, 660 feet from the east line and 2180 feet from the north line of said Section 14. This well was originally completed in the Abo Formation at a total depth of 10,600 feet. Permission has been requested to deepen Well No. 125 to test the Morrow Formation at approximately 12,200 feet. The successful completion of Well No. 125 in the Morrow will require the dedication of the E/2 of Section 14 to Well No. 125 as permitted by the field rules for the North Vacuum Morrow Pool. Applicant therefore seeks permission to dedicate the W/2 of Section 14 to Well No. 133 and, if permitted, the dedication of the W/2 of Section 14 will result in an unorthodox location for Well No. 133.

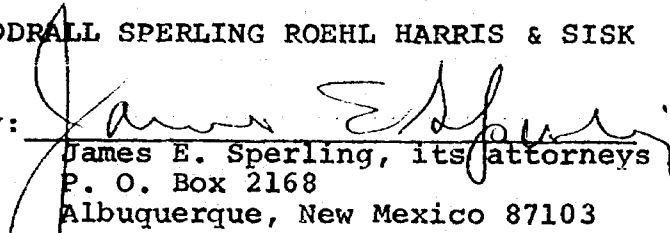
WHEREFORE, Applicant asks that this matter be set for hearing as provided by law on December 1, 1971, and that following such hearing, the Commission issue its order approving the unorthodox location for Well No. 133.

Respectfully submitted,

MOBIL OIL CORPORATION

By: MODRALL SPERLING ROEHL HARRIS & SISK

By:


James E. Sperling, its attorneys
P. O. Box 2168
Albuquerque, New Mexico 87103

DRAFT

GMH/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. 4632

Order No. R- 4230

APPLICATION OF MOBIL OIL
CORPORATION FOR AN UNORTHODOX
GAS WELL LOCATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 1, 1971,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of December, 1971, 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, Mobil Oil Corporation, seeks
authority to dedicate the W/2 of Section 14, Township 17 South,
Range 34 East, NMPM, to its Bridges State Well No. 133, situate
at an unorthodox location for said unit, 1380 feet from the north line and 2150 feet from the east line of said Section 14
~~North Vacuum~~ North Vacuum-
Morrow Gas Pool, Lea County, New Mexico.

(3) That a standard location for the subject well would require the well to be located not closer than 660 feet to the nearest side boundary of the dedicated tract nor closer than 1980 feet to the nearest end boundary nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

(3) That approval of the subject application will permit the development of two 320-acre standard gas proration units within the boundaries of said Section 14.

(4) ~~That~~ That approval of the unorthodox location will not violate correlative rights and will afford the applicant the opportunity to produce its just and equitable share of the gas in the North Vacuum-Morrow Gas 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 otherwise prevent waste.

IT IS THEREFORE ORDERED:

(1) That an unorthodox gas well location is hereby approved for the Mobil Oil Corporation's Bridges State Well No. 133 in the North Vacuum-Morrow Gas Pool at a location 1880 feet from the North line and 2150 feet from the West line of Section 14, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

(2) ~~(1)~~ That the applicant, Mobil Oil Corporation, is hereby authorized to dedicate the W/2 of Section 14, Township 17 South, Range 34 East, NMPM, to ^{the above-described} ~~the~~ Bridges State Well No. 133, ~~situate at an unorthodox location for said unit.~~

-3-

CASE NO. 4632

Order No. R-

(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.