CASE 4285: Application of SOUTH-WESTERN NATURAL FOR UNORTHODOX GAS WELL LOCATION, LEA COUNTY.

Case Number 4085

Application Transcripts.

Small Exhibits

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1120 SIMMS BIDG. . P. O. BOX 1092 . PHONE 243-6691 . AIBUQUEROUE, NEW MEXICO

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico December 17, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of Southwestern ) CASE NO. 4285 Natural Gas Inc., for an unorth- ) odox gas well location, Lea County, New Mexico.

)

)

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING



MR. NUTTER: Case No. 4285.

MR. HATCH: Case 4285. Application of Southwestern Natural Gas Inc., for an unorthodox gas well location, Lea County, New Mexico.

MR. HINKLE: Clarence Hinkle, Hinkle, Bondurant & Christy in Roswell, appearing on behalf of the Southwestern Natural Gas, Incorporated. We have one witness, and I believe, three exhibits.

(Whereupon, Exhibits 1 through 3 were marked for identification.)

(Witness sworn.)

### MONTY J. GIST,

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

### DIRECT EXAMINATION

### BY MR. HINKLE:

- Q State your name, your residence, and by whom you're employed.
- A I am Monty Gist. I live in Midland, Texas. I'm employed by Southwestern Natural Gas, Incorporated.
  - Are you a geologist by profession?
  - A Yes, sir.
- Q Have you previously testified before the Oil Conservation Commission?
  - A I have.

- Q And your qualifications as a geologist are a matter of record with the Commission?
  - A That is correct.
- Q Are you familiar with the application of Southwestern Natural Gas in this case?
  - A Yes, sir; I am.
- Q What is Southwestern seeking to accomplish by this application?
- A Southwestern Natural Gas, Inc., seeks approval to drill a well in the North Osudo-Morrow Gas Pool at an unorthodox location 660 feet from the east line, 1980 feet from the south line of Section 19, Township 20 South, Range 36 East, in Lea County.
- Q Have you prepared, or has there been prepared under your direction, certain exhibits for introduction in this case?
  - A Yes, sir.
- Q Refer to Exhibit Number 1 and explain to the Commission what this is.
- A Exhibit Number 1 is a lease ownership plat in the North Osudo area, emphasizing Section 19, which is Southwestern Natural Gas acreage. The relationship to that to the wells, the three Osudo, North Osudo gas wells being in Section 17, Section 20, and Section 30 of Township 20 South,

#### Range 36 East.

- Q Now, you have colored or indicated in yellow here Section 19 and referred to that as the acreage of the Southwestern Natural Gas?
  - A That is correct.
- Q The indication on the plat is that their other owners appear there. Is this a farmout arrangement?
- A Yes. Southwestern Natural Gas obtained this acreage through a farmout.
- Q And the acreage which is now in the North Osudo-Morrow Pool is a working interest unit, is it not?
  - A That is correct.
  - Q And this is part of that acreage arrangement?
  - A That is correct.
- Q Now, refer to Exhibit Number 2 and explain what this shows.
- A Exhibit Number 2 is a structural map on top of the Morrow plastic sand with the net sand isopach superimposed on the map. Circled in red are the Morrow gas wells that are producing in the area. The symbols in the legend in the lower lefthand corner indicate wells producing from other formations in the vicinity.
- Q Does this also show by the arrow your proposed unorthodox location?

- A Yes, sir. It does in Section 18.
- Now, from the isopach plat, which is superimposed over the structure, would that indicate that all of Section 19 is productive of gas?
  - A Yes, sir.
- Q Are the other three wells, producing wells, in the North Osudo-Morrow Pool located at standard locations, or are they irregular nonstandard locations?
- A No, sir. The three wells are unorthodox locations.

  The three wells that we have reference to here are all operated by Hayman. They are in Section 17, Section 20, and Section 30.
- Q Do you know whether or not these wells have been accepted by orders of the Commission as unorthodox locations?
  - A Yes, sir. They have.
- Q Does the plat Exhibit 2 indicate the exact location by the footage from the section lines?
  - A Yes, it does.
- O Do you have any further testimony with respect to this exhibit?
  - A No, sir.
- $\Omega$  Now, refer to Exhibit Number 3 and explain what this shows.
- A Exhibit Number 3 is a stratographic cross-section, extending through the three Morrow producing wells in the North

Osudo field and starts with the Hayman Number 1, Amerada Federal at the left, which is the northernmost well. It extends south to the Hayman Number 1, State, Section 20. On down to the Hayman Number 1, Union State in Section 30.

- Q There is an index plat in the southeast corner; is there not?
  - A Yes, sir.
  - Q That shows the cross section?
- A The cross section also shows the colored in yellow, the zones of gross sand in the Morrow. The arrow between the Hayman Number 1, State, and the Hayman in Section 20 and the Hayman Number 1, Union State in Section 30, is the approximate location of the proposed drill site.
- Q This does show continuity of the Morrow formation producing formation throughout the area of the cross section?
- A It shows continuity in some zones. There are other zones that lack continuity due to the stratified nature of the sand.
- Q Do you have any further remarks with respect to this exhibit?
  - A No, sir.
- Q In your opinion, if the Commission should approve this unorthodox location, would it tend to violate any correlative rights?

A No, sir.

MR. HINKLE: We would like to offer Exhibits 1 through 3.

MR. NUTTER: Applicant's Exhibits 1 through 3 will be admitted into evidence.

MR. HINKLE: That's all direct.

### CROSS EXAMINATION

### BY MR. NUTTER:

Q Mr. Gist, what is the standard location for a gas well in this pool?

A A standard location is 1865 from the nearest lease line, as I understand; is that correct?

MR. HINKLE: I believe it's 1650 from the section line.

- Q (By Mr. Nutter) At least 1650, I believe, so, in other words, with respect to the south boundary of Section 19, the well is a standard location. The only way it's nonstandard is that it's too close to the eastern side; is that correct?
  - A That is correct.
  - Q And who is the offset owner to the immediate east?
- A That is in the working unit, working interest unit that is owned by Hayman. The owners of this unit are Hayman, Pan American, Perry R. Bass.
  - Q I see. That entire Section 20 is dedicated to the

well that is located in the northwest quarter of Section 29?

- A Yes, sir.
- Q As a working interest unit?
- A Yes, sir.

MR. HINKLE: Mr. Examiner, I overlooked something. He does have waivers from the offset operators, which I would like to make a part of the record at this time. You might indicate there and read into the record the way the persons or companies you have waivers from.

THE WITNESS: We have waivers from Amerada Division,
Amerada-Hess Corporation, John L. Hammond, Gulf Oil Company,
Lillian Hinkle Call, McAlister Fuel Company, Atlantic Richfield Company, Perry R. Bass, Texaco Company, Phillips Petroleum
Company, Superior Oil Company, Humble Oil and Refining Company,
Pan American Petroleum Corporation, and Shell Oil Company.

MR. HINKLE: Are those all of the offset operators?

A Yes, sir. They are.

MR. HINKLE: That's all.

- Q (By Mr. Nutter) Well, then, Mr. Gist, I presume that these various operators and individuals that you have mentioned, then, are interest owners in the sections that have these producing wells on them; is this correct?
  - A That is correct.
  - O Then, how many wells are currently completed in the

### North Osudo-Morrow Gas Pool?

- A There are three.
- Q And how many of those three wells conform to the well location requirements of the pool rules?
  - A None of the three.
- Q So you propose a fourth well and it wouldn't conform either?
  - A Right.

MR. NUTTER: Are there any further questions of Mr. Gist? You may be excused. Do you have anything further, Mr. Hinkle?

MR. HINKLE: That's all.

MR. NUTTER: Does anyone have anything they wish to offer in Case 4285? We'll take the case under advisement and call Case 4277.

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Applicant's Exhibits 1 through 3

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STATE OF NEW MEXICO )
COUNTY OF BERNALILLO )

I, DAVID BINGHAM, Court Reporter in and for the

County of Bernalillo, State of New Mexico, do hereby

certify that the foregoing and attached Transcript of

Hearing before the New Mexico Oil Conservation Commission

was reported by me; and that the same is a true and correct

record of the said proceedings to the best of my knowledge,

skill and ability.

COURT DEPORTED

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### OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2008 - SANTA FE GOVERNOR DAVID F. CARGO CHAIRMAN

ALEX J. ARMIJO

A. L. PORTER, JR.

December 18, 1969

Mr. Clarence Hinkle	Re:	Case No	4285		
Hinkle, Bondurant & Christy		Order No			_
Attorneys at Law Post Office Box 10		Applicant:			
Roswell, New Mexico 88201		Southweste	RH HATURAL	GAS	INC.

Dear Sir:

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

A. L. PORTER, Jr.
Secretary-Director

ALP/ir			
Copy of ord	er also sen	t to:	
Hobbs OCC	x		
Artesia OCC			•
Aztec OCC			
Other	Mr. Max	Coll	

### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION CONSISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 4285 Order No. R-3896

APPLICATION OF SOUTHWESTERN NATURAL GAS, INC., FOR AN UNCRTHODOX GAS WELL LOCATION, LEA COUNTY, NEW MEXICO.

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on December 17, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Mutter.

NOW, on this 18th day of December, 1969, 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, Southwestern Natural Gas, Inc., seeks an exception to Rule 4 of the Special Rules and Regulations governing the North Osudo-Morrow Gas Pool as promulgated by Orders Nos. R-3305 and R-3305-A to drill its Osudo-State Unit Well No. 1 at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico.
- (3) That the evidence indicates the entire subject section is productive of gas in the North Osudo-Morrow Gas Pool.
- (4) That the entire subject section can be efficiently and economically drained and developed by the subject well.

-2-CASE No. 4285 Order No. R-3896

(5) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the North Osudo-Norrow 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 and protect correlative rights.

### IT IS THEREFORE ORDERED:

- (1) That the applicant, Southwestern Natural Gas, Inc., is hereby granted an exception to the well location requirements of Rule 4 of the Special Rules and Regulations governing the North Osudo-Morrow Gas Pool as promulgated by Orders Nos. R-3305 and R-3305-A and is hereby authorized to drill its Osudo-State Unit Well No. 1 at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico.
- (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 KEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

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

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- CASE 4280: Application of J. M. Huber Corporation

  for sail water disposal, Lea County, New Mexico.

  Supplicant, in the above-styled cause, stoks authority to
  Ciscose of produced salt water into the Lower Wolfcamp formation in the perforated interval from 10,358 feet to 10,419
  feet in its Stoltz State Well No. 1 located in Unit M of Section
  6, Township 15 South, Range 35 East, Morton-Wolfcamp Pool, Lea
  County, New Mexico.
- CASE 4281: Application of Continental Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its SEMU Well No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East. Lea County, New Mexico, in such a manner as to produce oil from an undesignated Blinebry oil pool and gas from an undesignated Drinkard gas pool through parallel strings of tubing.
- CASE 4282: Application of Continental Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the East E-k Unit Wrea by the injection of water into the upper Queen intenation through two wells located in Units N and P of Section 22, Township 18 South, Range 34 East, East E-K Queen Pool, Lea County, New Mexico.
- CASE 420. Application of Continental Cil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the East E-K Unit Area comprising 400 acres, more or less, of state lands described as the NW/4, E/2 SW/4 and SE/4 of Santier 22. Township 18 South: Range 34 East. East E-K Queen Pool, Tea County, New Mexico.
- CASE 4284: Application of Continental Oil Company for salt water disposal, Edd, County, New Mexit. Applicant, or the above-styled cause, seeks authority to dispose of produced salt water in its Springs SWD Wells Nov. 1 and 2, located in init Fort Section 3 and Urit A of Section 4 respectively, Township 21 South, Range 25 East, Springs-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico. Disposal into Well No. 1 would be into the Bone Spring Welfders and Upper Pennsylvanian formations in the coenhole interval from 2700 feet to 8350 feet. Disposal into Vell No. 2 would be into the Upper Pennsylvanian formation in the perforated; to firm 8300 feet to 8400 feet.

### CASE 4265: (Readvertised):

Application of Union Oil Company of California for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates, San Andres and other formations in the open-hole interval from approximately 4450 feet to 6067 feet in its Midway State Well No. 3 located in Unit J, Section 12, Township 17 South, Range 36 East, Lovington Field, Lea County, New Mexico.

CASE 4285:

Application of Southwestern Natural Gas Inc., for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the special rules and regulations governing the North Osudo-Morrow Gas Pool to permit the drilling of a well at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, Lea County, New Mexico.

#### CASE 4263: (Continued from the November 25, 1969 Examiner Hearing

Application of Wynn & Brooks for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal "E" Well No. 3, to be located 590 feet from the South line and 1590 feet from the West line of Section 13, Township 27 North, Range 8 West, Blanco-Mesaverde and Basin-Dakota Pools, San Juan County, New Mexico.

### CASE 4264: (Continued from the November 25, 1969, Examiner Hearing)

Application of Wynn & Brooks for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal "J" Well No. 1, to be located 2390 feet from the South line and 2410 feet from the East line of Section 11, Township 27 North, Range 8 West, Blanco-Mesaverde and Basin-Dakota Pools, San Juan County, New Mexico.

- CASE 4278: Application of Anne Burnett Windfohr, dba
  Windfohr Oil Company, for an exception to Order No. R-3221, as
  amended, Eddy County, New Mexico. Applicant, in the abovestyled cause, seeks an exception to Order No. R-3221, as
  amended, which order prohibits the disposal of water produced
  in conjunction with the production of oil on the surface of the
  ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
  Said exception would be for applicant's Gissler B Wells Nos.
  11 and 12, located, respectively, in Units J and I of Section
  23, Township 17 South, Range 30 East, Jackson-Abo Pool, Eddy
  County, New Mexico. Applicant seeks authority to dispose
  of salt water produced by said wells in unlined surface pits
  in the vicinity of said wells.
- CASE 4279: Application of Anne Burnett Windfohr, dba Windfohr Oil Company, for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Gissler B Well No. 4 located in Unit B of Section 8, Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by said well in an unlined surface pit in the vicinity of said well.

### DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 17, 1969

9:30 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 4276: Application of Humble Oil & Refining Company for a special gas-oil ratio limitation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 506 of the Commission Rules and Regulations to provide for a limiting gas-oil ratio of 6,000 cubic feet of gas per barrel of oil in the Oil Center-Blinebry Pool, Lea County, New Mexico.
- CASE 4277: Application of Pan American Petroleum Corporation for two unorthodox gas well locations, Rio Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks approval of two unorthodox gas well locations in Township 26 North, Range 4
  West, Blanco-Mesaverde Gas Pool, Rio Arriba County, New Mexico, as follows:

Jicarilla Apache 102 Well No. 15 located 790 feet from the South line and 1190 feet from the East line of Section 9;

Jicarilla Apache 102 Well No. 16 located 1070 feet from the South line and 1450 feet from the East line of Section 10.

CASE 3455: (Reopened) Continued from the November 5, 1969 Examiner Hearing

In the matter of Case No. 3455 being reopened pursuant to the provisions of Order No. R-2565-B, which order, among other things, established 320-acre spacing units for the West Puerto Chiquito-Mancos Oil Pool, Rio Arriba County, New Mexico, for a period of three years. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 4257: (Continued from the November 19, 1969 Regular Hearing)

Application of Sohio Petroleum Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the open-hole interval from 4920 feet to 4995 feet in its Phillips Lea SWD Well No. 4 located in Unit M of Section 31, Township 17 South, Range 34 East, Vacuum Grayburg-San Andres Pool, Lea County, New Mexico.

## western union

### Telegram

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NEW MEXICO OIL CONSERVATION COMMISSION= POST OFFICE BOX 871 SANTA FE NMEX:

PAN AMERICAN PETROLEUM CORPORATION HEREBY WAIVES NOTICE OF HEARING ON MAX COLL AND SOUTHWESTERN NATURAL GAS COMPANY'S REQUEST FOR AN UNORTHODOX LOCATION FOR A MORROS GAS WELL. NORTH OSUDO-MORROW POOL. LEA COUNTY. NEW MEXICO. UNDERSTAND PROPOSED LOCATION IS 1980 FSL AND 660\* FEL. SECTION 19 T205 R36E. LEA COUNTY. NEW MEXICO= D. L. RAY DIVISION ENGINEER PAN AMERICAN PETROLEUM CORP FORT WORTH TEXAS= DOCKET MANLEY

WILL 1201 /R 5-005

12-5-69

# western union

# Telegram

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NS MDAO7! NP PD=MIDLAND TEX 2 235 F CST= NEW MEXICO OIL CONSERVATION COMM. ATTN A L. PORTER= PO BOX 2083 SANTA FE NMEX= 1969 DEC 2' PM 2 22

REGARDING APPLICATION FOR UNORTHODOX GAS WELL LOCATION NORTH OSUDO FIELD LEA COUNTY NEW MEXICO BY SOUTHWESTERN

9 DEAR SIR: SOUTHWESTERN NATURAL GAS INC. REQUEST A HEARING BEFORE THE COMMISSION IN SANTA FE NEW MEXICO ON OR BEFORE DECEMBER 17 1969 FOR THE PURPOSE OF OBTAINING APPROVAL TO DRILL A MORROW SAND TEST IN MARKED THE NORTHOSUDO FIELD AT AN UNORTHODOX LOCATION

western union

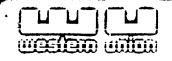
## **Telegram**

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900 BUILDING OF THE SOUTHWES MIDLAND TEX=

MR MONTY GIST=

\*\*MERADA DIVISION AMERADA HESS CORPORATION AS OWNER OF A NONOPERATING INTEREST IN THREE WELLS IN THE NORTH OSUDO MORROW POOL WAIVES NOTICE OF HEARING AND OBJECTION TO THE DRILLING OF A WELL AT AN UNRTODOX LOCATION IN THIS POOL ON THE APPLICATION OF SOUTHWESTERN NATURAL GAS CO. LOCATION WAIVED IS \$ 60\$ FEL AND 1980\$ FSL OF SEC 19-208-36E LEA COUNTY NEW MEXICO=

R L HOCKER=

WU 1201 (R 5-00)



## Telegram

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=(1234)

D THAO11 LB PUB=TH DALLAS TEX 3 1230P COST DEC 3 PM 12 46
SOUTHWESTERN NATURAL GAS INC=:ATTENTION MR. MONTE GIST:

900 BANK OF THE SOUTHWEST BLDG MIDLAND TEX=

REFERENCE YOUR APPLICATION TO DRILL A MORROW SAND TEST AT A LOCATION 660 FEET FEL AND 1980 FEET FSL SECTION 19. TOWNSHIP 20 SOUTH, RANGE 36 EAST, LEA COUNTY, NEW MEXICO. JAKE L. HAMON HEREBY GRANTS APPROVAL ON THE CONDITION THAT APPROVAL OF THIS LOCATION IS ALSO OBTAINED FROM PAN AMERICAN PETROLEUM=

JAKE L HAMON BY W T LAGRONE =

660 FEL 1980 FSL 19 20 36 \_

WU 1201 (R 5-69)



## Telegram

=NSB043 KA235

**\*(1053)**,

K RWA020 BM PD=ROSWELL NMEX 3 1052A MST=

SOUTHWESTERN NATURAL GAS INC ATTN MONTY GIST=
900 BANK OF THE SOUTHWEST BLDG MIDLAND TEXT

=GULF OIL COMPANY U.S. HAS NO OBJECTION TO THE DRÎLLÎNG OF A MORROW WELL LOCATED 1980 FEET FSL AND 660 FEET FEL SECTION 19-208-36E, LEA COUNTY, NEW MEXICO. CONTINGENT UPON THE APPROVAL OF ALL WORKING INTEREST OWNERS IN THE NORTH WILSON UNIT=

GULF OIL COMPANY US M I TAYLOR ...

=1980 FSL 660 FEL 19-208-36E .



## Telegram

### =NSB045 KC109

1(1006)

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MONTY GIST= SOUTHWESTERN NATURAL GAS INC
900 BANK OF THE SOUTHWEST BLDG MIELAND TEX=

THE WEST SECTION 1980 FEET FROM THE SOUTH 660 FEET FROM THE WEST SECTION 19 TOWNSHIP 20 SOUTH RANKE 36 EAST LEA COUNTY NEW MEXICO FOR DRILLING A MORROW TEST.

LILLIAN HINKLE COLL.

-=1980 660 1#9 20 36<del>=</del>

WU 1201 (R 5-09)



### Telegram

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(408).

NS MAAOO8 PDB=MAGNOLIA ARK 2 404P CST= 1969 DEC 2 PM 4 20

:MR MONTY GIST= :MIDLAND TEX=

SOUTHWEST NATURAL GAS CO=900 GANK OF THE SOUTHWEST

BLDG=

AS ADJACENT LEASEHOLD OWNER, MCALESTER FUEL CO HAS NO OBJECTION TO YOUR PROPOSED LOCATION 1980 FSL AND 660 FEL SECTION 19-20-36 LEA COUNTY NEW MEXICO=

MCALESTER FUEL CO=

\*M C JONES VICE PRESIDENT=

±2980 660 19±20±36





Southwest Natural Gas, Inc.

900 Building of the Southwest
Midland, Texas 79702

tn: Mr. Monty Gist





NS BO26 KB210

K RWAOO3 HO PDB=ROSWELL NMEX 2 823A MST=
SOUTHWESTERN NATURAL GAS INC. ATTN MONTYS GIET = AM 9 45

900 BANK OF THE SOUTHWEST BLDG MIDLAND TEX=

ATLANTIC RICHFIELD CO WAIVES ITS RIGHTS OF OBJECTION TO YOUR NON STANDARD LOCATION FOR A MORROW TEST LOCATED 1980 FEET FSL AND 660 FEET FEL SECTION 19 TOWNSHIP 20 SOUTH RANGE 36 EAST LEA COUNTY NEW MEXICO=

ATLANTIC RICHFIELD CO JACK BIARD==

1980 FSL 660 FEL 19 20 36=

# PERRY R. BASS HT PLOOR PT. WORTH HAT LEAS PORT WORTH, TEXAS 70102

December 1, 1969

Southwest Natural Gas, Inc. 900 Building of the Southwest Midland, Texas 79702

Attention: Mr. Monty Gist

Re: Farmout Agreement

Section 19, T-20-S, R-36-E Lea County, New Mexico

Gentlemen:

By this letter, we hereby approve of your location under the terms of the above Farmout Agreement being '1980' FSL and 660' FEL of Section 19.

Yours very truly,

PERRY R. BASS

W. P. Duncan, Jr.

/jdb

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P.O. Box 1270 'Midland, Texas 79701 December 3, 1969

230427 - State of New Mexico "DB"

Lea County, New Mexico

Southwestern Natural Gas, Inc. 900 Building of the Southwest Midland, Texas

Attention: Mr. Monty J. Gist

Gentlemen:

Your letter of December 2, 1969, requested waiver of objection to your proposed non-standard location being 660' FEL and 1980' FSL of Section 19, T-20-S, R-36-E, Lea County, New Mexico.

This letter will serve as your notice that Texaco has no objection to the above location, and you may consider this letter our waiver.

We trust that this waiver will now allow you to obtain approval to drill your well.

Yours very truly,

K. R. Good

District Landman

KRG/jah

EXPLORATION AND PRODUCTION DEPARTMENT

December 3, 1969

DEC O 1 RECO

Southwestern Natural Gas, Inc. 900 Building of the Southwest Midland, Texas 79701

Attention: Mrs. Jan Groves

Re: G.F. 16337 - Farmout - Section 19, T20S, R36E, Lea County, New Mexico

#### Gentlemen:

We understand the obligation well to be drilled under the terms of the farmout agreement dated June 27, 1969, covering the captioned tract, is located 660' FEL and 1980' FSL, Section 19, T2OS, R36E.

This is to advise that Phillips Petroleum Company has no objection to such location.

Yours very truly,

E. M. Gorence District Landman

EMG: jhd

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### THE SUPERIOR OIL COMPANY

R O. BOX 1800 MIDLAND, TEXAS 79701

December 3, 1969

OECO A RECT

Southwestern Natural Gas Inc. 900 Building of the Southwest Midland, Texas 79701

Attn: Mr. Monty Gist

Gentlemen:

We are advised that you propose the drilling of a test well for oil or gas at a location 1980' FSL and 660' FEL of Section 19, T-20-S, R-36-E, Lea County, New Mexico.

As a leasehold owner in the area you are advised that we have no objection to your proposed location.

Yours very truly,

J. Stewart Martin District Geologist

JSM:gf

# HUMBLE OIL & REFINING COMPANY L & KLIL MIDLAND, TEXAS 79701 DEC 05 REC'D

PRODUCTION DEPARTMENT SOUTHWESTERN DIVISION E. C. BARFIELD SPERATIONS MANAGER

Osudo State Com #1 Lea County, New Mexico

Southwestern Natural Gas, Inc. Bank of the Southwest Building Midland, Texas

Gentlemen:

Numble, as offset operator, waives any objections to the proposed location of your Osudo State Com #1 660' FEL and 1980' FSL of Section 19, Township 20, R-36E, Lea County, New Mexico.

EWP/aw

TELEGRAM

DECEMBER 4, 1969

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

#### MESSAGE:

PAN AMERICAN PETROLEUM CORPORATION HEREBY WAIVES NOTICE OF HEARING ON MAX COLL AND SOUTHWESTERN NATURAL GAS COMPANY'S REQUEST FOR AN UNORTHODOX LOCATION FOR A MORROW GAS WELL, NORTH OSUDO - MORROW POOL, LEA COUNTY, NEW MEXICO. UNDERSTAND PROPOSED LOCATION IS 1980' FSL & 660' FEL OF SECTION 19, T-20-S, R-36-E, LEA COUNTY, NEW MEXICO.

#### SIGNED:

D. L. RAY
DIVISION ENGINEER
PAN AMERICAN PETROLEUM CCRPORATION
FT. WORTH, TEXAS



### SHELL OIL COMPANY

DEC 11 RETU

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79701

December 10, 1969

Southwestern Natural Gas Company 900 Building of the Southwest Midland, Texas 79701

Attention Mr. Monty Gist

Gentlemen:

Shell Oil Company has no objection to your nonstandard location for an 11,500' test to be located at 1980 feet from the south line and 660 feet from the east line of Section 19, Township 20 South, Range 36 East, Lea County, New Mexico. This will confirm verbal concurrence of this location given by Mr. J. D. Duren.

Yours very truly,

J. L. Mahaffey, Manager Production Department - West

Midland Division

JDD:1b

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#### SOUTHWESTERN NATURAL GAS, INC.

900 BUILDING OF THE SOUTHWEST MIDLAND, TEXAS 79701

L.N. DUNNAVANT VICE PRESIDENT AND MANAGER OF OPERATIONS Ean 4285

December 4, 1969

Oil Conservation Commission State of New Mexico P. O. Box 2083 Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter

RE: Application for Unorthodox Gas Well Location North Osudo Field, Lea County, New Mexico by Southwestern Natural Gas, Inc.

Dear Sir:

Southwestern Natural Gas, Inc. requests a hearing before the Commission in Santa Fe, New Mexico, on or before December 17, 1969, for the purpose of obtaining approval to drill an 11,600' Morrow Sand test in the North Osudo Field at an unorthodox location.

Proposed drillsite is to be 660 feet from the east line and 1980 feet from the south line of Section 19, T-20-S, R-36-E, Lea County, New Mexico.

Yours very truly,

SOUTHWESTERN NATURAL GAS, INC.

MONTY J. GIST Chief Geologist

MJG: jan

Enclosure: Lease Ownership Plat

DOCKET MAILED

Date 12-5:65

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27  Stole  L. Since (3)(5)  Dining Pennson V  17 Converse (3)  Wilson (1)  13:778  Swill  13:778  Swill  10:12  7:979  Swill  50:16  Swill  50:17  Swill  50:16	SE LEA UNIT  26- Marathon, etal  85-3815, Joual Disc. Amer. Trad. (W.M. 52) User. F210  State  Marathon, etal 5-10-18  85-3811 H. Asheril HBU 60/f-State 13131 13131 13134 13134 13134 13134 1335	(Sinctaire Joe Fage of Maria 1998 - 1997)  E-8072 Trange of Maria 1998 -	1977 Ar 3 1975 A	### E-1782 Artwest   E-1782 Artwest   J.E. K 3monetol   J.E. K 3mo	FEE TOOM  Michigan Color of the	Pan Americal J.L. Homen n-12-17 L-632 29 Shell of Indian Kull Willer I Set Miller I Set Miller Rubic Bell Will Sec-36 Sec-36	004  Feel  D.D. & J.  Artec or a  E-5146 191  3 - 11207  Find Triba  2 Attec  2 Attec  1 1365 Charm. Charm. Charm. Charm. Charm.	T, Cooper, S  28  2 Sohio  2 Sohio  3 11297  4 1224  4 1224  5	D.O. B. J.T. C.  Letter [] Atles: []  Letter [] Health []  Letter [] Hea
27  Stole  LV Since (3)(5)  Dring Pennson V  100 Come Sto One Stole One Stol	SE LEA UNIT  26-  Marathan, etal  85-3115   Deal Disc.  Mer. Trad.  (West, Sink)  State  Marathan, etal  15-10-18  85-3117   H. B. Asheril  HBU Gut State  [1511]  Paties  Marathan, etal  3-18-61	(Sinctair 200 122 123 124 125 125 125 125 125 125 125 125 125 125	1975 Ar 3 1975 A	##P E-1782 Artwell E-1782 Original State   J. E. Kimmonetol   J. E. Ki	Shell 9/R ; Witsendil Witsendil Charlette A S  Char	Pan Amer, et al.  J.L. Homen  1-11-17  L-452  29  Shell  1-1-17  L-17  Kuel Willer  Kuel Willer  Rubic Bell  Sire-JA  Amerada  E-1040  Kuel  L-1040  Kuel  L-1040  Kuel	004  Feed  D.D. & J.  Artec or 6  4 4 6 10  E-5146 101  3 6 17 105 5 105  7 Attec  11 16 12 17 115  6 112 07 111  6 112 07 111  Charm ctal  Tare	11164B  F. Cooper, S  28  2 Sohjo  1 Sohjo  1 Sohjo  1 Sohjo  1 Sohjo  1 Sohjo  2 Sohjo  1 Sohjo  2 Sohjo  3 Sohjo  1 Sohjo  3 Sohjo  3 Sohjo  4 Sohjo  1 So	Doda 1648   Tederal   U.S., MI   D.D. & J.T. Co   Televist   LE-S146   LE-
State LV Simple (S)  Simple (S	Marathan, etal  Marathan, etal  46-1915   Dual Disc.  46-1915   Marathan, etal  Marathan, etal  5-10-18  46-1917   H. Ashwill  HBU   Gut Steh  11-11  11-12  Marathan, etal  3-15-43  Marathan, etal  4-15-43  Marathan, etal	(Sinctair 200 122 123 124 125 125 125 125 125 125 125 125 125 125	1977 Ar 3 1975 A	##P E-1782 Antwest   E-1782 Antwest   State	Shell 9/R ; Witsendil Witsendil Charlette A S  Char	Pan Amer, et al.  J.L. Homen  1-11-17  L-452  29  Shell  1-1-17  L-17  Kuel Willer  Kuel Willer  Rubic Bell  Sire-JA  Amerada  E-1040  Kuel  L-1040  Kuel  L-1040  Kuel	004  Feed  D.D. & J.  Axtec or a  E-5146 101  Sometimes  123 15 151  3 15 151  5 1120 5  2 Atlec  2 Atlec  1 15 15 151  1 1515 (hard  6 1120 7  1 1515 (hard  6 1120 7  Charmetal	T. Cooper, S  28  2 Sohio  2 Sohio  3 11297  3 1224  3	D.O. & J.T. Co.  Letter I. Atles: 1  13
Stole  LV Since (3  5 )  Dining Pennasol V  LV Since (3  5 )  Wilson Oil Wall 17-68  LV Since (4)  Wilson Oil Wyoming (1)  LV Since (4)	Marathon, etal  Marathon, etal  85-3115, iCoal Oise. Ameritaad (NM. 52) (V.55 Mil. Der F210  State  Marathon, etal 5-12-15  45-3117 H. R. Asharil HBU Golf State (I.111) HBU Golf State (I.111) HBU State State  Marathon, etal 3-18-61 61-1711 HBU  State  Amerita  State  Ameritaan  State  Bollow word by fields notes  Bollow Bollow Bollow Bollow  Bollow Bollow Bollow Bollow  Bollow Bollow Bollow Bollow  Bollow Bollow Bollow Bollow  Bollow Bollow Bollow  Bollow Bollow Bollow  Bollow Bollow  Bollow Bollow  Bollow Bollow  Bollow Bollow  Bollow Bollow  Bollow Bollow  Bollow Bollow  Bo	(Sinclair 1000 E-8072 Trage 111 E-8072 T	3137 Ar 3 1 3275 Ar 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	## HBP E-1182 Antwest   E-1182 Antwest   Formal   Formal	(Shell 9/R)  (Shell 9/R)  Witsen 01  Witsen 01  Charlotte  Solid 9/R  Wilson 6  A young  Golf 0/R  Wilson 6  A young  Cool 0/R  Word Direct  Cool 0/Sc)  Various 7  Various 135M  Cool 0/Sc)  Various 135M	Pan Americal J.L. Homen n-12-17 4-492 29 Shell 1-13-75 K-13 Willer 1 Merical Core  (Sinctore Rubiceell Rub	004  Feed  D.D. & J.  Axtec or a  E-5146 101  Sometimes  123 15 151  3 15 151  5 1120 5  2 Atlec  2 Atlec  1 15 15 151  1 1515 (hard  6 1120 7  1 1515 (hard  6 1120 7  Charmetal	T. Cooper, S  28  2 Sohio  2 Sohio  3 11297  3 1224  3	Doda 1648   Tederal   U.S., MI   D.D. & J.T. Co   Televist   LE-S146   LE-
State LV Simple (S)  Simple (S	SE LEA UNIT  Marathon, etal  Service  Morathon, etal  5-73-64  85-3117  Marathon, etal  15-13-7  Marathon, etal  1111  1111  1111  1111  1111  1111  1111	(Sinctair Jose  E-8072 Trange of 118  E-8072 Trange of 118  Attaubles  Attaubles  L.C. Narris  County  Selection  Selection  Short  Thillips  Grace  L.T. 11 Ct.  Unp  10-1155  Amer. Irod. 5  elol. 11  366  11  489  489  489  489  489  489  489	1977 Ar 3 1975 A	### BP E-173 #### BP E-173 ##### BP E-173 ##### BP E-173 ####################################	(Shell 9/R : Witsendil Wit	Pan Americated J.L. Homen n-12-17 k-452 29 Shell 1-3-17 [ K-161 Willer 1 Mericated K-161 Willer 1 Mericated K-161 Willer 1 Mericated K-161 Willer K-	004  Feed  D.D. & J.  Axtec or a  4  E-5146 191  3 - 1915  Find Find St.  2 Attec  2 Attec  1 13 16 181  1 15 181  Charmetel  Charmetel  (Azte.  (Azte	T. Cooper, S  28  2 Sohio  3 Sohio  4 Solitary  4 Solitary  5 Sohio  6 Solitary  6 Solitary  6 Solitary  6 Solitary  7 Solitary  8 Solitary	D.O. & J.T. Co.  Letter I. Atles: 1  13
Since (3/15)  Dring Pennson V  The Court St. One St. O	Marathan, etal  Serve Marathan, etal  Marathan, etal  Mer. Trad.  Marathan, etal  Serve Marathan, etal  15 - 10 - 18  Marathan, etal  16 - 11 - 11  Marathan, etal  17 - 10 - 10  Marathan, etal  18 - 11 - 11  Marathan, etal  19 - 10 - 10  Marathan, etal  19 - 10 - 10  Marathan, etal  10 - 10 - 10  Marathan, etal  11 - 10 - 10  Marathan, etal  12 - 10 - 10  Marathan, etal  13 - 10 - 10  Marathan, etal  14 - 10 - 10  Marathan, etal  15 - 10 - 10  Marathan, etal  16 - 10 - 10  Marathan, etal  17 - 10 - 10  Marathan, etal  18 - 10 - 10  Marathan, etal  19 - 10 - 10  Marathan, etal  10 - 10 - 10  Marathan	(Sinclair Jose E-8072 Trageo E-8072 Trageo Stor V.M. Atalubisa Atalubisa LC. Karris  Oudl ATTrad & 6-1814 SELecuri Marrau Disc. Phillips Texoco UNP 66-1815 ABU Amer. Fod., 5	3975 Ar 3 3975 Ar 3 3975 Ar 3 3 15 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	### B. P. E. 1733   18   18   18   18   18   18   18	Cherlotte  Assume Discount of Cherlotte  Assume Discount of Cherlotte  Assume Discount of Cherlotte  Assume Discount of Cherlotte  Cherlotte  Cherlotte  Cherlotte  Signal  Assume  Cherlotte  Signal  Assume  Cherlotte  Cherlotte  Signal  S	Pan Amer, et al.  J.L. Homen  1-11-17  L-452  29  Shell  J. J. Ta  Kuel Willer  Kuel Willer  Miller  Kuel Willer  Amerada  E-1040  Mill  Amerada  E-1640  Mill  J. Weolse.  J. J	004  Feed  D.O. 8 J.  Aztec or 6  E. 5146 [18]  J. 6145 [18]  J. 6145 [18]  F. 1030 Sr  P. 1030 Sr  Charm ctal  Charm ctal  (Aztec	T. Cooper, S  28  1:3311 27  T. Cooper, S  28  1 2 Sobjo  1 11297  1 11297  1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ode 1648  Federal  U.S., MI  D.D. & J.T. Co  Lecture   Atlac    11    1-5146    12    1-5146    FEEL  FIEL  Storie  Strata Pet  38 Calron  34    34     Atlantic    111    103116    Scole Feel  (S) U.S., MI L.W  (S) U.S., MI L.W  (S) U.S., MI L.W
27    Since (3  5)    Since (3	Marathon, etal  86-1915   Doubl Oise.  86-1915   Doubl Oise.  86-1915   Doubl Oise.  Marathon, etal  5-10-18  86-1917   H. Ashwill  HBU Soft State  HBU Soft State  HBU Soft State  Marathon, etal  3-18-61  8-1111  HBU  State  Morathon, etal  3-18-61  8-1111  HBU  State  Annual Marathon, etal  3-18-61  Balling  Balling  Balling  Annual Marathon, etal  3-18-61  Balling  Bal	(Sinclair Jose E-8072 Trageo E-8072 Trageo Stor V.M. Atalubisa Atalubisa LC. Karris  Oudl ATTrad & 6-1814 SELecuri Marrau Disc. Phillips Texoco UNP 66-1815 ABU Amer. Fod., 5	3975 Ar 3 3975 Ar 3 3975 Ar 3 3 15 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Store  Store  Signification  Store  S	Charlette Signal Control State	Pan Amer, et al.  J.L. Homen  1-11-17  L-452  29  Shell  J. J. Till  K. 181 Willer  K. 181 Willer  Marie Miller  K. 181 Miller  Marie Miller  Amerade  E. 1640  Mill  Amerade  E. 1640  Mill  J. W. C. St.  J. J. J. J. J.  J. J. J. J. J. J.  J. J. J. J. J. J. J. J. J. J. J. J. J. J	D.D. & J.  Aztec or a  E. Slado to a  To a fill of a fil	T. Cooper, S  28  1:3311 27  T. Cooper, S  28  1 2 Sobjo  1 11297  1 11297  1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 11297  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Oda 1648  Tederal  U.S., MI D.D. & J.T. Co  Levier I. Actac.  J. E. College I. Actac.  J. B. College I. Actac.  J. Scole Fed.  J. Scole Fed.  AS , INC.
Since (3/15)  Dring Pennson V  The Court St. One St. O	Marathan, etal  Marathan, etal  Morathan, etal  Morathan, etal  Morathan, etal  Some  Morathan, etal  13-12-14  45-3133  HBA Asheril  Panamer  Morathan, etal  3-18-61  Morathan, etal  4-18-75  Morathan, etal  4-18-75  Morathan, etal  4-18-18-18-18-18-18-18-18-18-18-18-18-18-	(Sinctaire Jose 128 1997 1998 1998 1998 1998 1998 1998 199	1977 Ar 1 1977 A	Stote  Stote  B. 230  (Brit Amer)  B.	Charlette San	Sinctore 15   Conclore 15   Co	Charmetal  ERN NAC  LEASE IT OSUI	T. Cooper, S  28  1:3311 a  7. Cooper, S  28  1 2 Sobjo  1 11297	Oda 1648  Tedroil  U.S., MI  D.O. & J.T. Co  Thirlier I Astac.  1-12
Diale  LV Size (3  5 )  Sming Pennsool V  17 Some Sc (3)  Witson Oil Wisson Oil  1 19 19  Witson Oil Wyoming Oil  19 19 19 19 19 19 19 19 19 19 19 19 19 1	Marathon, etal  85-1915 A Dual Disc.  86-1915 A Dual Disc.  86-1915 A Dual Disc.  86-1915 A Merc Trad.  (N.M. Still  State  Marathon, etal  5-10-18  85-1917 H.B. Ashed  HBU Gulf-State  11-11-11  HBU Gulf-State  11-11-11  HBU State  11-11-11	(Sinctain 1900 E-8072 Trage 1916 E-8072 Trage 1916 Story Ma. Atabubia Lt. Marris  Oudl ATT and \$6-1814 SELecture Selecture Marran Disc.  Phillips Tecoco L-11-65 MAP  Amer. Fred. 5 ABU AMer. Solve MAM Trades Some  MBP E-1921  Mer. 5 ABU	1975 Ar 3 1975 A	Store  St	Shell 9/R:  Witsenful  (Shell 9/R: Witsenful	Pon Amer, et al.  J. Homen  1-12-17  1-4-52  29  Shell  Lidits  Lidits	Charmctal  ERN NAC  LEASE IT  TH OSUI  UNTY, 1	T. Cooper, S  28  1 2 Sohio  2 Sohio  1 2 Sohio  2 So	Ode 1648  Februar  U.S., MI D.D. B.J.T. Collection  Interpretation  First Printing  First Store  Strato Pel  1340 B-230 Store  Gulf 1340 B-230 Store  5 Februar  1340 B-230 Store  5 Februar  1340 B-230 Store  6 Gulf 1340 B-230 Store  5 Februar  1441 Gentle  158 Collection  158 Collection  168 Collectio
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Since (3/15)  Since (3/15)  Since (3/15)  Since (3/15)  Since (3/15)  Wilson (3/1	Marathan, etal  Marathan, etal  Marathan, etal  Marathan, etal  Marathan, etal  State  Marathan, etal  45-3137 M.E. Asheril  HBU Guff State  Island  Marathan, etal  State  PonAmer  HBU  State  PonAmer  HBP  H.B.P.  Gall, 011 7/ W  HGP  Billion  Gall, 017 7/ W  HGP  Gall, 011 7/ W  HGP  HGP  Gall, 011 7/ W  HGP  HGP  HGP  HGP  HGP  HGP  HGP  HG	(Sinctain 1900 E-8072 Trage of 181 E-8072 Trage of 181 Story Market of 181  25 L.C. Marris  Oudl ATT and \$6-1814 SELecution Marray Disc.  Phillips I Texace UNP 66-1855 ABU Amer. Fred. 5 BLOCK Phillips HEP E-1921 Market J  Marray Share  MEP E-1921 Marray	1975 de 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stote  Stote  Sign of	Cheristie Soulist Soul	Core (Sinctores)	E.S. 146 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	T. Cooper, S  28  1 2 Sohio  2	Ode 1648  February  D.D. & J.T. College of the coll

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### BEF )RE 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. 4285

Order No. R-3896

APPLICATION OF SOUTHWESTERN NATURAL GAS, INC., FOR AN UNORTHODOX GAS WELL LOCATION, LEA COUNTY, NEW MEXICO.

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### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

9:30

This cause came on for hearing at 8 a.m. on <u>December 17</u>, 1969, at Santa Fe, New Mexico, before Examiner <u>Daniel S. Nutter</u>.

NOW, on this <u>day of <u>foo</u>, 196<u>7</u>, 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,</u>

### 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, Southwestern Natural Gas, Inc., seeks an exception to Rule 4 of the Special Rules and Regulations governing the North Osudo-Morrow Gas Pool as promulgated by Orders Nos. R-3305 and R-3305-A to drill its Order Well Well No. \_\_\_\_ at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico.
  - (3) That the enidence indicates the Entire Subject section is production of gas in the north-course of marion for Poul.

    (4) That the entire subject section can be efficiently and learnemently descined and efficiently and learnemently descined and herelapted by the subject well.

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That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the North Osudo-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 and protect correlative rights.

### IT IS THEREFORE ORDERED:

- (1) That the applicant, Southwestern Natural Gas, Inc., is hereby granted an exception to the well location requirements of Rule 4 of the Special Rules and Regulations governing the North Osudo-Morrow Gas Pool as promulgated by Orders Nos. R-3305 and R-3305-A and is hereby authorized to drill its Medical Medical Well No. \_\_\_\_ at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico.
- (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 hercinabove designated.

Southwestern natural Has Company

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CASE 4286: Application of GULF FOR AN EXCEPTION TO ORDER NO. R-3221, AS AMENDED, EDDY COUNTY.

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