

BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF A HEARING CALLED ON A  
MOTION OF THE COMMISSION TO CONSIDER THE  
TEMPORARY SPACING FOR THE DEVELOPMENT  
OF THE AMBROSE-DUPEROW POOL DISCOVERED  
BY THE TEXAS INTERNATIONAL PETROLEUM  
#1 BAKKE WELL LOCATED IN SECTION 14,  
TOWNSHIP 163 NORTH, RANGE 99 WEST,  
DIVIDE COUNTY, NORTH DAKOTA, DEFINE THE  
LIMITS OF THE FIELD, AND ENACT SUCH  
SPECIAL FIELD RULES AS MAY BE NECESSARY.

CASE NO. 2292  
ORDER NO. 2582

TEMPORARY ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 1:00 p.m. on the 23rd day of November, 1981, in Bismarck, North Dakota, before an examiner appointed by the Industrial Commission of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 22<sup>nd</sup> day of December, 1981, the Commission a quorum being present having considered the testimony adduced and the exhibits received at said hearing, 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 geological and engineering evidence presented to the Commission relative to the matter of well spacing indicates that the Ambrose-Duperow Pool, as classified and defined in this order, should be developed on a pattern of one well to 160 acres with wells located not less than 500 feet from a spacing unit boundary, nor closer than 1650 feet from a well drilling to or producing from the pool in order to drain efficiently the recoverable oil from said pool, assure rapid development, avoid the drilling of unnecessary wells, and prevent waste in a manner that will protect correlative rights.

(3) That temporary 160-acre spacing in the Ambrose-Duperow Pool in this field will result in the efficient and economical development of the field as a whole and will operate so as to prevent waste and provide maximum ultimate recovery, will avoid the drilling of unnecessary wells, and will protect correlative rights.

(4) That the unrestricted flaring of gas produced from the Ambrose-Duperow Pool, could be considered waste, and in order to minimize such, production from the pool should be restricted until the wells producing therefrom are connected to a gas gathering and processing facility.

(5) That certain special field rules are necessary to prevent waste and protect against the contamination and pollution of surface lands and fresh waters.

IT IS THEREFORE ORDERED:

(1) That the following described tracts of land in Divide County, North Dakota, be, and the same are hereby designated the Ambrose Field:

TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM  
ALL OF SECTIONS 13, 14, 23 AND 24.

together with those additional quarter sections or governmental lots corresponding thereto as may be proven productive by wells drilled on lands adjacent to the boundaries of the field as set forth above, provided further that such extensions of the field boundaries shall include only sufficient acreage to form a spacing unit for such wells, and any intervening lands.

(2) That the Ambrose-Duperow Pool be, and the same is hereby defined as that accumulation of oil and gas found below the base of the Birdbear Formation and above the top of the Dawson Bay Formation within the limits of the field as set forth above.

(3) That effective this date, the temporary spacing for the development of the Ambrose-Duperow Pool be, and the same is hereby set at one well to 160 acres.

(4) That all wells hereafter drilled to said pool shall be located not less than 500 feet from a spacing unit boundary nor closer than 1650 feet permitted to or producing from the pool. Wells presently permitted to or producing from the pool that do not conform to this spacing pattern shall be considered exceptions.

(5) That spacing units for the Ambrose-Duperow Pool shall consist of a governmental quarter section, or governmental lots corresponding thereto, as determined by governmental survey.

(6) That no well shall be drilled hereafter in the Ambrose-Duperow Pool except in conformity with the regulations above without special order of the Commission after due notice and hearing.

(7) That the following rules concerning the casing, tubing and equipping of the wells shall apply to the subsequent drilling and operation of wells in the Ambrose-Duperow Pool;

(a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of any fresh water aquifer in the area. Sufficient cement

shall be used to fill the annular space outside the pipe to the surface of the ground, or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests.

(b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 3000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation. Sufficient cement shall be used and applied in such manner as to adequately protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 24 hours before drilling the plug or initiating tests. After cementing, the casing shall be tested by application of pump pressure of at least 2000 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained.

(c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected.

(d) All wells shall be equipped with tubing; all tubing shall be of sufficient internal diameter to allow the passage of a bottom-hole pressure gauge for the purpose of obtaining bottom-hole pressure measurements.

(8) That the gas-oil ratio of each well shall be measured during the months of May and November, and the reservoir pressure of flowing wells shall be measured in the months of May and November, and in pumping wells when the rods are pulled but at least one annually and reported to the Commission within 15 days following the end of the month in which they are determined. Pressure measurements shall be made at or adjusted to a subsea datum of 6,220 feet after the well has been shut in for 48 hours. All gas-oil ratios and reservoir pressure determinations shall be made under the supervision of and by methods approved by the Chief Enforcement Officer. The Chief Enforcement Officer is authorized to waive these requirements if the necessity therefore can be demonstrated to his satisfaction.

(9) That no salt water shall be stored in unlined pits in this field. Material used to line pits must be approved by the Chief Enforcement Officer.

(10) That for the purposes of division of production to owners of interests in spacing units established by this order, and proven productive prior to the date hereof, this order shall be retroactive to the date of first production.

(11) That all wells in the Ambrose-Duperow Pool shall be allowed to produce at an unrestricted rate for a period of 60 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; after that, oil

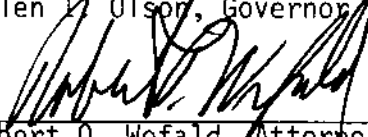
production from such well shall not exceed an average of 200 barrels per day for a period of 60 days; after that, oil production from such wells shall not exceed an average of 150 barrels per day for a period of 60 days, thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate.

(12) That this order shall cover all of the Ambrose-Duperow Pool, common source of supply of crude oil and/or natural gas as herein defined, and shall continue in full force and effect until the 1st day of June, 1983. That the proper spacing for the pool will be considered by the Commission on or before the regularly scheduled meeting in May, 1983.

DONE, in Bismarck, North Dakota, this 22<sup>nd</sup> day of December, 1981.

THE NORTH DAKOTA INDUSTRIAL COMMISSION

  
Allen L. Olson, Governor

  
Robert O. Wefald, Attorney General

  
Kent Jones, Commissioner of Agriculture

# **TEXAS INTERNATIONAL PETROLEUM CORPORATION**

November 24, 1981

North Dakota Industrial Commission  
Oil and Gas Division  
900 East Boulevard  
Bismarck, North Dakota 58505

Attention: Mr. F. E. Wilborn

Re: Case Number 2292:  
On a Motion of the Commission to  
Consider the Temporary Spacing for  
the Development of an Oil and/or Gas  
Pool Discovered by the Texas  
International Petroleum Corporation  
#1 Bakke Well Located in Section 14,  
Township 163 North-Range 99 West  
Divide County, North Dakota

Gentlemen:

Pursuant to your request in the Hearing on November 23, 1981, covering the above-captioned case, enclosed please find the following information:

- 1) Duplicate copy of the prepared statement as presented in the November 23, 1981, Hearing, including one copy of Form #6 (Well Completion Report) and one copy of the exhibit showing the leasehold ownership of the requested pool area and the structural disposition of the Duperow formation pool;
- 2) One copy of the Dual Laterolog Micro-SFL Log of the TIPCO #1 Bakke indicating the perforated and producing interval (8458'-8464') and the interval drill-stem tested prior to completion (8455'-8474');
- 3) One copy of Form #9 (Gas/Oil Ratio Report); and
- 4) One copy of Form #9-A (Reservoir Pressure Test Report).

North Dakota Industrial Commission  
November 24, 1981  
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In addition to TIPCO's request for spacing of the pool area on the basis of 160 acres, we hereby wish to clarify our request in that TIPCO is willing to comply with Rule Number 43-02-03-18;1., providing that any subsequent wells be drilled only on a tract corresponding to the governmental quarter-quarter section, or government lot corresponding thereto and is willing to comply with said field rules providing for no drilling closer than 500 feet from the boundary line of any governmental quarter-quarter section nor closer than 1000 feet to the nearest well drilling to or producing from the same pool.

We anticipate additional drilling operations in the proposed pool area within the next 90 days; consequently, your prompt attention to the designation of the temporary spacing rules would be greatly appreciated.

Should you have any questions or any further requests regarding these matters, do not hesitate to contact me at the letterhead address or contact:

Mr. David R. Bertschinger  
Texas International Petroleum Corporation  
Suite 200  
2200 Northwest 50th Street  
Oklahoma City, Oklahoma 73112  
(405) 840-1562.

Very truly yours,

  
JOHN E. HEIN, JR.

JEH:jaw

Enclosures

# TEXAS INTERNATIONAL PETROLEUM CORPORATION

November 20, 1981

North Dakota Industrial Commission  
Oil and Gas Division  
900 East Boulevard  
Bismarck, North Dakota 58505

Attention: Mr. F. E. Wilborn  
Deputy Enforcement Officer

Re: Case Number 2292:  
On a Motion of the Commission to Consider  
the Temporary Spacing for the Development  
of an Oil and/or Gas Pool Discovered  
by Texas International Petroleum  
#1 Bakke Well, Located in Section 14,  
Township 163 North-Range 99 West  
Divide County, North Dakota

Gentlemen:

Pursuant to the captioned motion covering the designation of a temporary spacing pattern for the initial test well (SW $\frac{1}{4}$ SE $\frac{1}{4}$ -Section 14, Township 163 North, Range 99 West) and for the development of the Duperow Formation pool discovery, Texas International Petroleum Corporation (TIPCO) hereby requests that the temporary spacing pattern be designated on the basis of 160 acres for each well in the pool. The requested 160-acre temporary spacing pattern shall cover all of Sections 13, 14, 23 and 24, Township 163 North, Range 99 West.

The requested temporary spacing area is shown on the attached map, which includes all pertinent land information covering the pool area and depicts as accurately as possible the structural orientation of the Duperow Formation pool.

TIPCO's company engineers have preliminarily determined ultimate recoverable reserves for the TIPCO #1 Bakke to be 56,680 barrels of oil and 50,112 cubic feet of gas given the following assumptions:

North Dakota Industrial Commission  
November 20, 1981  
Page 2

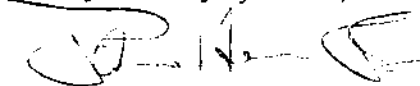
1. Average Formation Thickness: 6 feet
2. Effective Drainage Area: 160 acres
3. Oil in Place per Acre/Foot: 290 barrels
4. Total Oil in Place: 278,400 barrels
5. Recovery Factor: 20%

Initial production for the TIPCO #1 Bakke, per the North Dakota State potential test on August 24 and 25, 1981, (copy enclosed) was 81 BOPD, 7 BSWPD and 73 MCFPD. Current production levels are 60 BOPD, 35 BSWPD and 36 MCFPD. Estimated cumulative production as of this date is estimated at approximately 7,895 barrels.

TIPCO requests 160-acre spacing for the pool for the temporary spacing period of 18 months in order to determine the productive limits of the Duperow Formation pool and the economic viability of a development program. During the temporary spacing period, TIPCO intends to drill a minimum of one additional test well in the pool.

Your consideration and concurrence of this proposed spacing plan is requested.

Very truly yours,



JOHN E. HEIN, JR.

JEH:jaw

Enclosures



# DUAL LANGUAGE

Elev.: K.B
D.F.
G.I

8500

North Dakota State Industrial Commission  
Oil and Gas Division

WELL COMPLETION REPORT

SEE INSTRUCTIONS OTHER SIDE

OPERATOR Texas International Petro. Corp. FIELD Wildcat  
STREET 2200 NW 50th, Ste. 200 POOL Duperow  
CITY Oklahoma City STATE Oklahoma COUNTY Oklahoma  
LEASE NAME Bakke WELL NO. 1 ACRES IN UNIT 320  
LOCATION SW/4 SE/4 SEC. 14 TWP. 163N RGE. 99W ELEVATION 2159 ~~0000~~ 2159 ~~0000~~ 2159 ~~0000~~ 2159  
PERMIT NO. 8495 ELECTRIC OR OTHER LOGS RUN? DIL, Sonic, CNL-FDC 19 81  
NUMBER OF CRUDE OIL PRODUCING WELLS ON THIS LEASE, INCLUDING THIS WELL one

DATA ON TEST

DATE TEST COMMENCED 8-24 1981 HOUR 8a DATE TEST COMPLETED 8-25 1981 HOUR 8 AM.  
LENGTH OF TEST 24 HOURS none MINUTES.

FOR FLOWING WELL:

FLOWING PRESSURE ON CSG. LBS./SQ. IN. LENGTH OF STROKE 70 INCHES  
FLOWING PRESSURE ON TBG. LBS./SQ. IN. NUMBER OF STROKES PER MINUTE 9 1/2  
SIZE TBG. 2 3/8 IN. WORKING BARRELS 1 1/4 (SIZE IN.)  
SIZE CHOKE IN. TYPE CHOKE 0 (POS. ADJ.)  
SHUT IN PRESSURE 0 SIZE TBG. 2 3/8 IN. NO. FT. RUN 8522  
WAS THIS WELL FLOWED FOR THE ENTIRE DURATION OF THIS TEST WITHOUT THE USE OF SWAB OR  
OTHER ARTIFICIAL DEVICE? no

FOR PUMPING WELL:

RESULT OF THIS TEST (BBLs. NET OIL PER 24 HRS.) 81 BOPD  
GAS-OIL RATIO OF THIS WELL IS 900 (CU. FT. OF GAS PER BBL. OF OIL)  
PERCENT WATER PRODUCED DURING THIS TEST 9%  
GRAVITY OF OIL PRODUCED DURING THIS TEST (CORRECTED TO 60° A.P.I.) 36

NAME OF PIPE LINE OR OTHER CARRIER Koch Oil Co.  
IF SHOT: DATE n/a NO. QTS. USED  
IF PERFORATED: NO. HOLES PER FT. 4 IF ACIDIZED: NO. GALS. USED 12,000 gal.  
GEOLOGICAL FORMATION SHOT, PERFORATED OR TREATED Duperow FROM 8458 FT. TO 8464 FT.  
SHOOTING, PERFORATING OR TREATING COMPANY Gearhart-Owen  
DATE WELL COMPLETED August 1 19 81 HOUR WELL COMPLETED 6:00 P.M.  
TOP OF PAY 8458 FT.

TOTAL DEPTH OF WELL 11200 FT.  
PLUG BACK DEPTH 8640 FT.

WAS THIS WELL CORED? No WHAT INTERVALS?  
GIVE DRILL STEM TEST DATA ON REVERSE SIDE OF THIS FORM. (See reverse)

CASING RECORD

Size	Put in Well Ft. In.	Left in Well Ft. In.	No. Sacks Cement	Size	Put in Well Ft. In.	Left in Well Ft. In.	No. Sacks Cement
9 5/8 36#	1,609	1,609	1,055				
5 1/2 17 & 23#	11,200	11,200	2,950				

EXECUTED THIS 26th DAY OF August 1981 Texas International Petro. Corp.  
(Company or Operator)

STATE OF Oklahoma }  
COUNTY OF Oklahoma }  
David R. Bertschinger Sr. Petro. Eng.  
(Signature) (Title)

Before me the undersigned authority, on this day personally appeared David R. Bertschinger known to me  
to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that  
he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct

Subscribed and sworn to before me this the 26th day of August 19 81

My Commission expires 5-10-82 Notary Public in and for Oklahoma

## INSTRUCTIONS

The office of the State Geologist will retain three copies of this form.  
Be sure the form is complete and properly notarized.

BE SURE THAT YOU HAVE READ AND THOROUGHLY UNDERSTAND THE  
RULES AND REGULATIONS OF THE NORTH DAKOTA STATE INDUSTRIAL  
COMMISSION.

## DRILL STEM TEST DATA

Drill Stem Test 5-5-81 (Conventional Test)

Interval tested 8455' to 8474'

Initial Hydrostatic 4474 psi

Final Hydrostatic 4442 psi

Initial Flow 91 psi

Final Initial Flow 99 psi

Initial Shut-in 3735 psi

Second Initial Flow 201 psi

Second Final Flow 361 psi

Second Shut-in 3919 psi

Recovery in drill pipe:

651' oil and gas cut mud

490' gas cut mud

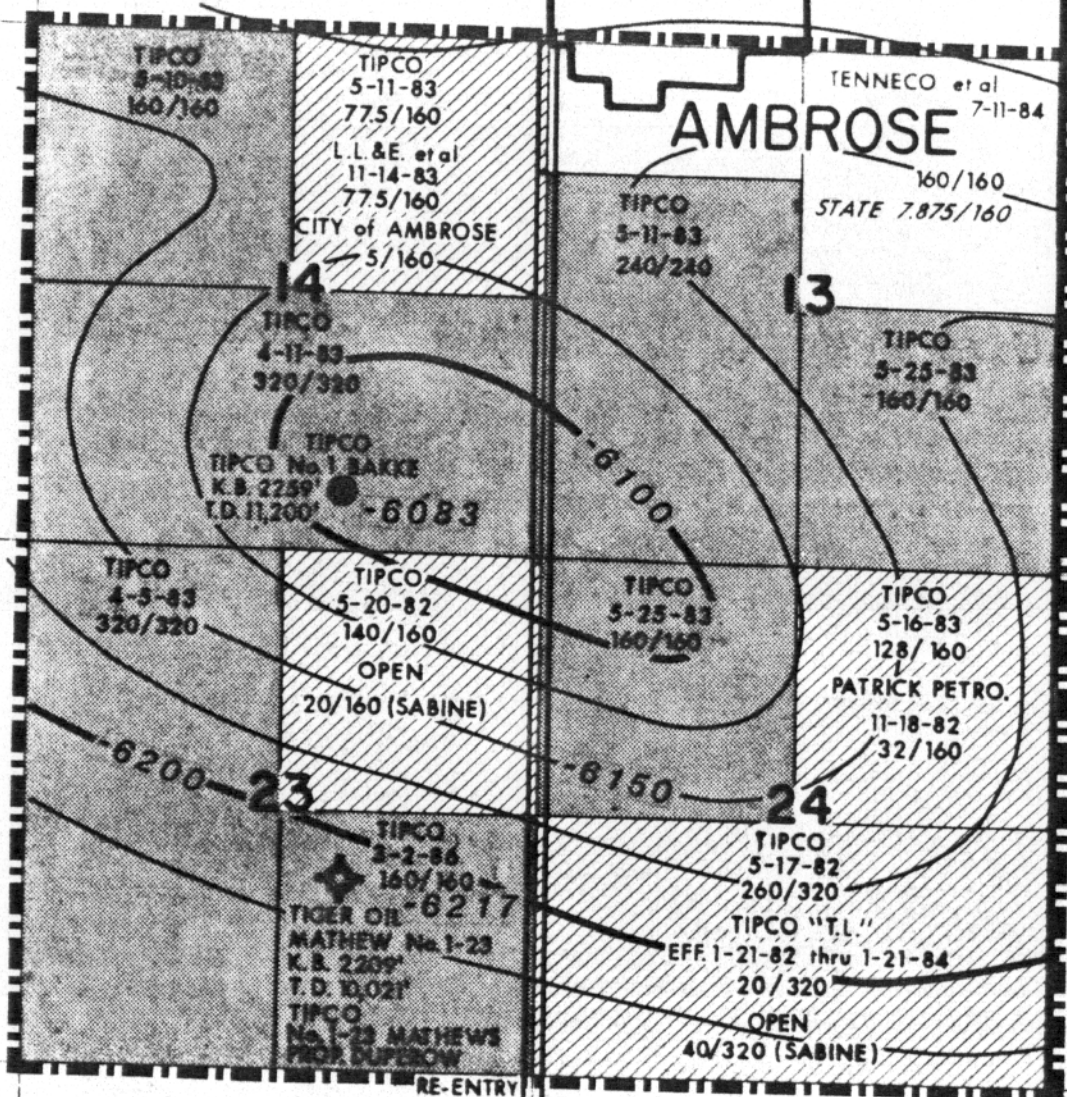
Recovery in Sampler:

6 cu. feet of gas

2300 cc of oil

no mud or water

Sampler pressure 385 psi



CALVERT  
No. 1 ASLAKSON  
K.B. 2172' N.P.  
T.D. 7015'

CHAPLIN PET.  
No. 1 WINDFALDET  
K.B. 2206' N.P.  
T.D. 7120'



TEXAS INTERNATIONAL PETROLEUM CORPORATION

**AMBROSE PROSPECT**  
DIVIDE CO., NO. DAKOTA  
T 163 N, R 99 W  
**DUPEROW STRUCTURE**  
C.I. 25'

GEOLOGY BY: D. KRUCHEK

NOV. 19, 1981

DRAFTED BY: J. SHOEMAKER

SCALE: 1"=2000'

North Dakota State Industrial Commission  
Oil and Gas Division

RESERVOIR PRESSURE TEST  
SEE INSTRUCTIONS OTHER SIDE

OPERATOR Texas International Petroleum Corp. FIELD Wildcat POOL Duperow  
ADDRESS 2200 NW 50th, Ste. 200, OKC, OK 73112 MONTH OF August, 1981  
REQUIRED TEST? Initial Potential SPECIAL TEST? (New Well)  
EQUIPMENT USED Kuster AK-1 and K-3 DATUM 6220 FEET BELOW S.L.

Lease Name	Well No.	Date of Test	Depth of Test	Fluid Gradient Opposite Reservoir	Tubing Pressure	Reservoir Pressure	Reservoir Temperature
Bakke	1	5/5/81	8461	.8448	20	3919	250

% variation in calibration of instrument before and after test .75%

Name of Person or Persons making above tests Ed Rodgers, Lynes, Inc.

EXECUTED THIS 26 DAY OF August 19 81 Texas International Petroleum Corp.

STATE OF Oklahoma } as  
COUNTY OF Oklahoma }  
David R. Bertschinger (Signature) Sr. Petro. Eng. (Title)

Before me the undersigned authority, on this day personally appeared David Bertschinger known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 26th day of August 19 81

My Commission expires 5-10-82 Notary Public in and for Oklahoma

# North Dakota State Industrial Commission Oil and Gas Division

## GAS-OIL RATIO REPORT

SEE INSTRUCTIONS OTHER SIDE

OPERATOR Texas International Petro. Corp. Wildecat POOL Duperow

ADDRESS 2200 NW 50th, Ste. 200, OKC, OK 73112 MONTH OF August, 1981

REQUIRED TEST? Initial Potential SPECIAL TEST? (New Well)

EQUIPMENT USED Orifice well tester

Lease Name	Well No.	Date of Test	Prod. Method	Choke Size	Test Hours	Daily Allow Bbls	Produced During Test			GOR.
							Water %	Oil Bbls.	Gas MCF	
Bakke	1	8/24/81	pumping	-	24	*	9	81	73	900
* Not yet assigned										

Name of Person or Persons making above tests Phillips Petroleum Company

EXECUTED THIS 26 DAY OF August 19 81 Texas International Petroleum Corp.  
(Company or Operator)

STATE OF Oklahoma  
COUNTY OF Oklahoma } ss

DAVID BERTSCHINGER Sr. Petro. Eng.  
(Signature) (Title)

Before me the undersigned authority, on this day personally appeared David Bertschinger known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct

Subscribed and sworn to before me this the 26 day of August 19 81

My Commission expires 5-10-82 Notary Public in and for Oklahoma

BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF A HEARING CALLED ON A  
MOTION OF THE COMMISSION TO CONSIDER THE  
TEMPORARY SPACING FOR THE DEVELOPMENT OF  
AN OIL AND/OR GAS POOL DISCOVERED BY THE  
TEXAS INTERNATIONAL PETROLEUM #1 BAKKE WELL,  
LOCATED IN SECTION 14, TOWNSHIP 163 NORTH,  
RANGE 99 WEST, DIVIDE COUNTY, NORTH DAKOTA,  
DEFINE THE LIMITS OF THE FIELD, AND ENACT  
SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY.

CASE NO. 2292  
ORDER NO. 2576

ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 9:00 a.m. on the 27th day of October, 1981, in Bismarck, North Dakota, before the Industrial Commission of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 17<sup>th</sup> day of November, 1981, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, 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 Texas International Petroleum failed to appear to give evidence in this case.

(3) That this case should be continued to the next regularly scheduled hearing on the 23rd day of November, 1981, and that Texas International Petroleum should be advised of the matter.

IT IS THEREFORE ORDERED:

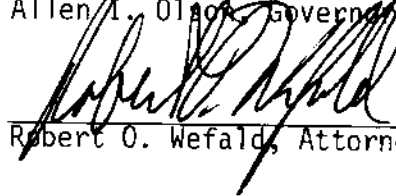
(1) That this case is hereby continued to the next regularly scheduled hearing on the 23rd day of November, 1981.

DONE, in Bismarck, North Dakota, this 17<sup>th</sup> day of November,  
1981.

THE NORTH DAKOTA INDUSTRIAL COMMISSION



Allen L. Olson, Governor



Robert O. Wefald, Attorney General

Kent Jones, Commissioner of Agriculture



# Notice of Publication of North Dakota Industrial Commis.

## BISMARCK, NORTH DAKOTA

The State of North Dakota by its Industrial Commission hereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following public hearing to be held at 1:00 p.m. on November 23, 1981, Oil & Gas Division Office, 900 East Blvd., Bismarck, North Dakota. For the purpose of this hearing, the Commission, any member thereof acting as Examiner, or an Examiner appointed by the Commission will receive testimony and exhibits.

## STATE OF NORTH DAKOTA TO:

All named parties and persons having any right, title, interest, or claim in the following cases and notices to the public. CASE NO. 2292: (Continued) On a motion of the Commission to consider the temporary spacing for the development of an oil and/or gas pool discovered by the Texas International Petroleum #1 Bakke well, located in Section 14, T.163N., R.99W., Divide County, North Dakota, define the limits of the field, and enact such special field rules as may be necessary.

Signed by,  
Allen I. Olson, Governor  
Chairman,  
ND Industrial Commission  
(November 11, 1981)

## Affidavit of Publication

State of North Dakota, County of Divide, SS.

JOHN M. ANDRIST, of said County and State, being first duly sworn, on his oath says: That The Divide County Journal, a continuation of the Crosby Eagle, is a weekly newspaper of general circulation, printed and published in the city of Crosby, in said county and state, by John M. Andrist, Editor, and has been such newspaper during the times hereinafter mentioned; and that I, JOHN M. ANDRIST, the editor, during all such times have been the editor of said newspaper, and have personal knowledge of all the facts stated in this affidavit; and that the advertisement headed \_\_\_\_\_

Notice of publication of

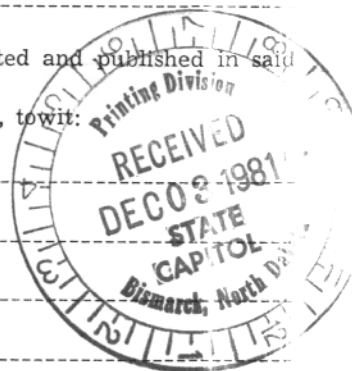
\_\_\_\_\_ North Dakota Industrial Commission \_\_\_\_\_

a printed copy of which is hereunto attached, was printed and published in said newspaper for a period of \_\_\_\_\_ 1 \_\_\_\_\_ consecutive weeks, to wit:

\_\_\_\_\_ November 11, 1981 \_\_\_\_\_

*[Handwritten signature]*

HAROLD L. NELSON  
State Printing Agent



Subscribed and sworn to before me \_\_\_\_\_ November 13, 1981 \_\_\_\_\_

*[Handwritten signature: Shirley Peterman]*  
Notary Public, Divide County, N. D.

SHIRLEY PETERMAN  
COUNTY JUDGE  
(Seal)  
DIVIDE COUNTY, CROSBY, N. D.

My Commission Expires \_\_\_\_\_ *[Handwritten: Term of Office]* \_\_\_\_\_