



PHILLIPS PETROLEUM COMPANY
 UTENLANDSK AKSJESELSKAP
 AKERSGATEN 45 - OSLO 1 - PHONE 33 42 40 - CABLE PHILLNOR.

ID/OLJE
00615 *30.1.68
 AKSB: 6/EC
 ARKIV: 450 P4-73

Oslo, July 29, 1968

FE

T.E.
 OKL 12/8/68

Y

720

The Ministry of Industry
 Akersgaten 42

OSLO 1

Re.: Change in Drilling Program on Exploratory Test
No. 7/11-2x on Production Licence 018.

Dear Sir,

We wish to inform you of some slight changes in our drilling prospectus of Exploratory Test No. 7/11-2x on Production Licence 018.

1. On our first Schlumberger log run from approximately 1500 to 6500 Feet we will limit our logging to the running-of only the 11-7 and the BHC S/GR-Cal. This change is due to the poor quality of the other logs in the 17 1/2" hole. ✓
2. We will reduce our hole size from 12 1/4" to 8 1/2" at approximately 9500 Feet so as to drill the Paleocone sand pay section and mesozoic section with the reduced hole size to total depth of approximately 11000 Feet. The reason for the smaller hole size is to obtain better quality Schlumberger logs of the pay section so we can better evaluate the potential reservoir. The hole will be reamed to 12 1/4" after running Schlumberger logs. ✓

Yours very truly,
 PHILLIPS PETROLEUM COMPANY

T.J. Jobin

SSW/TJJ/ak



Konsept.

DET KONGELIGE DEPARTEMENT FOR INDUSTRI OG HÅNDVERK

KONTOR: AKERSGT. 42 - TELEFON 41 78 00

POSTADRESSE: OSLO-DEP, OSLO 1

Phillips Petroleum Company
Akersgt. 45

Manuskript OKC

OSLO 1

72221

Gjenpart:

- ✓ Fiskeridepartementet
- ✓ Forsvarsdepartementet
- ✓ Kommunal- og arbeidsdepartementet
- ✓ Direktoratet for arbeidstilsynet
- ✓ Elektrisitetsstilsynet
- ✓ Fiskeridirektoratet
- ✓ Fyrdirektoratet
- ✓ Helsedirektoratet
- ✓ Luftfartsdirektoratet
- ✓ Politimesteren i Stavanger
- ✓ Sjøfartsdirektoratet
- ✓ Skattedirektoren
- ✓ Statens oljeråd
- ✓ Statens utlendingskontor
- ✓ Telegrafstyret
- ✓ Tolldirektoratet
- ✓ Statens strålehygienske institutt

15. juli 1968
15/Olje 495/68 + ~~58/68~~
OKC/KGM 537/68

KONTINENTALSOKKELEN. BORETILLATELSE NR. 17.

OKC
Kern

Man viser til Deres brev av 1. d.m.

I medhold av § 33 i kgl. res. av 25. august 1967 vedrørende sikkerhetsforskrifter m.v. for undersøkelse og boring etter undersjøiske petroleumsforekomster gir Industridepartementet herved Phillips Petroleum Company tillatelse til å bore etter petroleumsforekomster i posisjon:

57° 04, N og 02° 24' 30'' Ø i felt 7 blokk 11.

Underretning om den godkjente posisjon, samt boreplattformens navn, merking og signaler, dato for anbringelse etc. skal i god tid rykkes inn i "Etterretninger for Sjøfarende", "Kunngjøring fra Luftfartsdirektoratet" og kunngjøres i Norsk Rikskringkastings "Fiskerimeldinger": Dessuten skal Forsvarsdepartementet i god tid underrettes om de samme forhold. Phillips Petroleum Company plikter videre å holde disse organer underrettet om enhver forflytning av nevnte boreplattform og andre endringer i merking og signaler etc.

Phillips Petroleum Company plikter omgående å underrette Industridepartementet og de gjenpartsadressater som er nevnt i dette brev om boringens påbegynnelse.

Etter fullmakt

Thorgrim Haga

Olav K. Christiansen



PHILLIPS PETROLEUM COMPANY
UTENLANDSK AKSJESELSKAP
AKERSGATEN 45 - OSLO 1 - PHONE 33 42 40 - CABLE PHILLNOR.

ID/OLJE
00495 *-2.7.68
SAKSB: OKC
ARKIV: 4/10 AM-72

TROSKEN SPILV

July 1, 1968.

The Ministry of Industry,
Akersgaten 42,
Oslo 1.

725:1

Attention: Petroleum Section.

L-17

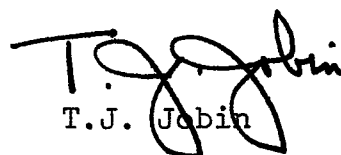
Phillips No. 7/11-2
Exploratory Test, Production License No. 018

We attach herewith the details of our drilling program on the subject well.

Please note that we do not propose to drill into the Upper Cretaceous limestone (equivalent to the Upper Cretaceous Chalk) more than 50-100 feet to establish its identity. We do not consider the limestone to be a hydrocarbon prospect in this geologic structure. Three weeks of extremely slow and costly drilling was experienced in the 7/11-1 well in the limestone which, moreover, was directly underlain by the Permian Zechstein salt. We believe there is insufficient prospective Mesozoic section other than the limestone on the flanks of the structure to justify drilling to greater depth than the proposed 3353 meters (11,000 feet).

At this time, therefore, we wish to request your advance consideration of relief from the depth obligation of 4000 meters stipulated in Paragraph 4 of Production License No. 018, under the allowable exceptions stated in your amending letter of 17 August 1965.

Yours very truly,
PHILLIPS PETROLEUM COMPANY


T.J. Jobin



PHILLIPS PETROLEUM COMPANY
UTENLANDSK AKSJESELSKAP
AKERSGATEN 45 - OSLO 1 - PHONE 33 42 40 - CABLE PHILLNOR.

1D/OLJE
00495 *-2.7.68
SAKSB:
ARKIV:

July 1, 1968.

The Ministry of Industry,
Akersgaten 42,
Oslo 1.

Phillips No. 7/11-2
Exploratory Test, Production License 018

Pursuant to Section 39, Royal Decree of 9 April, 1965, Phillips Petroleum Company as operator for itself, Norske Fina A/S, Norsk AGIP A/S, and Elf Norge A/S, herewith submits for the Ministry's approval the following particulars of the drilling program for the subject test well.

- ✓ a. Drilling Vessel : "Ocean Traveler".
Construction and equipment: Previously submitted by ODECO Norway and Esso Exploration Norway. Details of installation of diagonal pontoons from inside pontoons to outside pontoons can be obtained from ODECO Norway.
Drilling contractor : ODECO Norway.
- ✓ b. Geographic coordinates : 57° 04' N. Latitude.
02° 24' 30" E. Longitude.
Surveyed coordinates to be provided later.
- ✓ c. Estimated total depth : 3353 meters (11,000 feet) RKB.
- ✓ d. Expected geological strata: Quaternary
Tertiary
Mesozoic.

...../.....

e. Water depth : 78 meters (257 feet)
Mean Sea Level.

f. Casing program.

<u>Diam.</u>	<u>Type</u>	<u>Weight/</u> <u>ft.</u>	<u>Condi-</u> <u>tion</u>	<u>Set at</u> <u>RKB</u>	<u>Amount cement</u>
30"	1" Wall	330 lbs.	A	130m (425 ft)	750 sacks Dalen Portland, and 3% Calcium Chloride ✓
20"	J ST&C	133 lbs.	A	458m (1500 ft)	1700 sacks Dalen Portland, and 8% bentonite, and 3% Calcium Chloride ✓
13 3/8"	J ₂ ST&C SS	68 lbs.	A	1829m (6000 ft)	2400 sacks Dalen Portland, with 0.3% LWL and 16.1 lbs salt per sack of cement if necessary to use salt saturated cement ✓
9 5/8"	N ⁸⁰ But-tress	47 lbs.	A	3353m (11000 ft)	1500 sacks Class "B", and 0,3% LWL; plus 16.1 lbs. salt per sack of cement if necessary to use salt saturated cement.

2 logs & mr. Feltus 12/7/68 } + 82 gal + 900 sacks neat cement.

g. Blowout preventers:

Upper hole: 20", 2000 p.s.i. Working Pressure Hydril.

Remainder : 2 - 13 5/8" 5000 p.s.i. Working Pressure type LWS Shaffer double hydraulic ram-type.

1 - 13 5/8" 5000 p.s.i. Working Pressure Hydril GK.

Necessary accessory equipment.

(Detailed drawings and descriptions of test procedures previously submitted). *M.*

h. Drilling fluid program:

Same as submitted for the 7/11-1 well, except that salt-saturated mud will be carried from approximately 3000 feet RKB to total depth. Please refer to letter of January 9, 1968, A.T. Crump, Phillips Petroleum Company, Stavanger. *M.*

i. Logging program:

Contractor: S.P.E. Schlumberger.

<u>Run</u>	<u>Hole size</u>	<u>Interval</u>	<u>Tools (Schlumberger)</u>
-	36"	106-130m RKB (347-425 ft)	-
-	26"	130-458m RKB (425-1500 ft)	-
1	17½"	458-1829m RKB (1500-6000 ft)	Induction Electric Laterolog/Microlaterolog- Caliper, BHC Sonic/Gamma- Caliper (Gamma Ray run to subsea). <u>In addition, if needed to evaluate oil or gas shows:</u> Continuous Dipmeter or HDT BHC Formation Density Epithermal Neutron Sidewall Core Equipment.
2	12 1/4"	1829-3353m RKB (6000-11000ft)	Same as Run 1 Geophone Survey at total depth.

Mudlogging program:

Contractor: Geoservices.

A mud logging unit with continuous gas detector on the mud stream and continuous chromatographic analysis for relative percentage of hydrocarbons will be in operation from the 20-inch casing point to total depth.

Ditch Sample program:

Ditch samples of cuttings will be caught starting at the 20-inch casing shoe at about 25 to 30-foot intervals, and reduced to 10-foot and 5-foot intervals as soon as drilling rate slows down.

✓ j. Coring program:

Coring points will be dependent upon shows of oil or gas, and the need for porosity information in the Lower Tertiary Section only. Supplementary coring may be done with Sidewall Core gun.

<u>Formation</u>	<u>Estimated depth</u>
Lower Tertiary	2932 meters (9620 feet) RKB

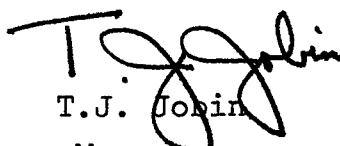
✓ k. Testing program:

Test intervals will be dependent upon oil and gas shows encountered and upon log analysis and evaluation of prospective zones. Conventional drillstem tests will not be run; however, completion type tests may be made using production packers and Otis Engineering Corporation's Subsurface Test Tree equipment.

✓ l. Safety instructions applicable to the platform and work carried out:

Previously submitted. *fk*.

Yours truly,
PHILLIPS PETROLEUM COMPANY


T.J. Jobin
Manager

Phillips Petroleum Co. Ltd.,
Derrick Base,
Lugoff,
Utah Oper.

STAT
CORP
Comex Divin Ltd.,
Comex Norc,
002279
DANGER
7/2/75

Re. Wellhead Clearance 7/II/2X

Dear Sir,

During the wellhead clearance job on location 7/II/2X there were several dives made, on each dive that was made the diver did a seabed survey around the wellhead and reported that the surrounding area was found to be clear of any obstruction or debris. After lifting the base plate and the thirty inch casing an observation completion dive was made and the wellhead area was reported to be clear, there was no debris or obstruction on the seabed and the cement was level with the seabed.

Yours faithfully,
DENNIS MOORE COMEX SUPERVISOR

Dennis Moore.



PHILLIPS PETROLEUM COMPANY NORWAY

EXPLORATION & PRODUCTION
UTENLANDSK AKSJESELSKAP

P.O BOX 428 - 4001 STAVANGER, NORWAY - PHONE 41 741 - CABLE: PHILLSTAV - TELEX: 33081

STATENS OLJEDIREKTORAT	
000781 03.FEB75	
REKVS	Ut

DNC/pd-010/75

Stavanger, February 3, 1975

Statens Oljedirektorat
Lagårdsveien 80
4000 Stavanger

Attention: Control Section

Dear Sirs,

Ref: ANNOUNCEMENT OF LOCATION FOR DRILLING BARGE "OCEAN VIKING"

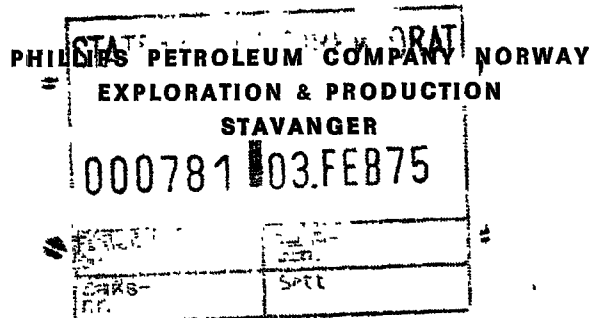
This is to advise you that Phillips Petroleum Company Norway has moved the drilling barge "Ocean Viking" to location on February 2nd, 1975. The location of well 7/11-2X is:

Geographical: 57° 04' 15.2" N.
02° 24' 26.5" E.

Sincerely,

Donald N. Cordry
Superintendent Drilling & Production
For, Dr. C.P. Kaiser

cc: As per enclosed.



(2)

cc: C.P. Kaiser
B.M. Thompson
Fiskeridepartement
Forsvarsdepartement
Kommunal og Arbeidsdepartement
Direktoratet for Statens Arbeidstilsyn
Elektrisitetstilsyn
Fiskeri Direktoratet
Fyrdirektoratet
Helsedirektoratet
Luftfartsdirektoratet
Sjøfartsdirektoratet
Sprengstoffs Inspeksjon
Skattedirektøren
Industridepartementet
Statens Utlendingskontor
Teledirektoratet
Tolldirektoratet
Statens Strålehygieniske Institutt
Finansdepartementet
Norsk Rikskringkasting
Norges Sjøkartverk
Sola Air Sea Rescue Center
Sjøstridskreftene i Sør Norge
Politimesteren i Stavanger
Etterretninger for Sjøfarende



PHILLIPS PETROLEUM COMPANY NORWAY

UTENLANDSK AKSJESELSKAP

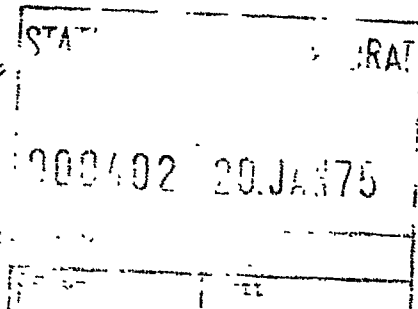
P.O. BOX 69 - 4001 STAVANGER, NORWAY - PHONE 33 140 - CABLE: PHILLSTAV - TELEX: 33081

ERW-623-75

January 16, 1975

Statens Oljedirektorat
Lagårdsveien 80
4000 Stavanger

Attention: Mr. Dag Meier-Hansen



RE: PERMANENT ABANDONMENT OF WELLS 7/11-2x, 2/7-1x (2/7-2),
AND 2/4-5x (2/4-6)

With regard to your letter of 13 January 1975 reference OD 9190, present plans call for the permanent abandonment of the 7/11-2x well as soon as the operation on the 7/11-1x is completed. This will be in the near future.

Plans call for the abandonment of the other two wells during the summer months when weather conditions are more favorable for this type operation.

You will be kept informed of these operations as they progress.

Very truly yours,

PHILLIPS PETROLEUM COMPANY NORWAY

R.D. Stiehler, Manager
Ekofisk Drilling and Production

ERW/RDS/ief

File: 07-310-000



PHILLIPS PETROLEUM COMPANY NORWAY

EXPLORATION & PRODUCTION
UTENLANDSK AKSJESELSKAP

P.O BOX 428 - 4001 STAVANGER, NORWAY - PHONE 41 741 CABLE: PHILLSTAV - TELEX: 33081

DNC/hec 008/75

Stavanger, January 18, 1975

Statens Oljedirektorat
Lagårdsveien 80
4000 Stavanger

ATTENTION: Control Section

Re: ANNOUNCEMENT OF WELL WORKOVER LOCATION FOR PHILLIPS 7/11-2X
DRILLING BARGE "OCEAN VIKING":

This is to advise that Phillips Petroleum Company Norway anticipates to have the drilling barge "Ocean Viking" on location of well 7/11-2X on or about January 19, 1975. The location of well 7/11-2X is:

Geographical 57 04' 15.2" N
 02 24' 26.5" E

Sincerely,

for *D. N. Corday*
Donald N. Corday

Superintendent Drilling & Production

For Dr. C. P. Kaiser

cc: C. P. Kaiser
B. M. Thompson
Norsk Rikskringkasting
Norges Sjøkartverk
Forsvarsdepartementet



009190 E 6 DES 74

PHILLIPS PETROLEUM COMPANY NORWAY

UTENLANDSK AKSJESELSKAP
P.O. BOX 69 - 4001 STAVANGER, NORWAY - PHONE 33 140 - CABLE: PHILLSTAV - TELEX: 33081

ERW-565-74

December 5, 1974

Statens Oljedirektorat
Lagårdsveien 80
4000 Stavanger

Attention: Inspection and Control Section

Gentlemen:

RE: PERMANENT ABANDONMENT OF WELLS 7/11-1X AND 7/11-2X,
COD FIELD .

Phillips Petroleum Company Norway requests permission to permanently abandon the subject wells.

Attached are sketches of the present well conditions for each of the wells. We plan to cut off the casing strings below the sea floor and spot a cement plug from approximately 500 feet RKB back to the sea floor. The sea floor will be checked and cleared of all debris prior to moving off each of the locations.

This work will be started as soon as the Ocean Viking is available.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

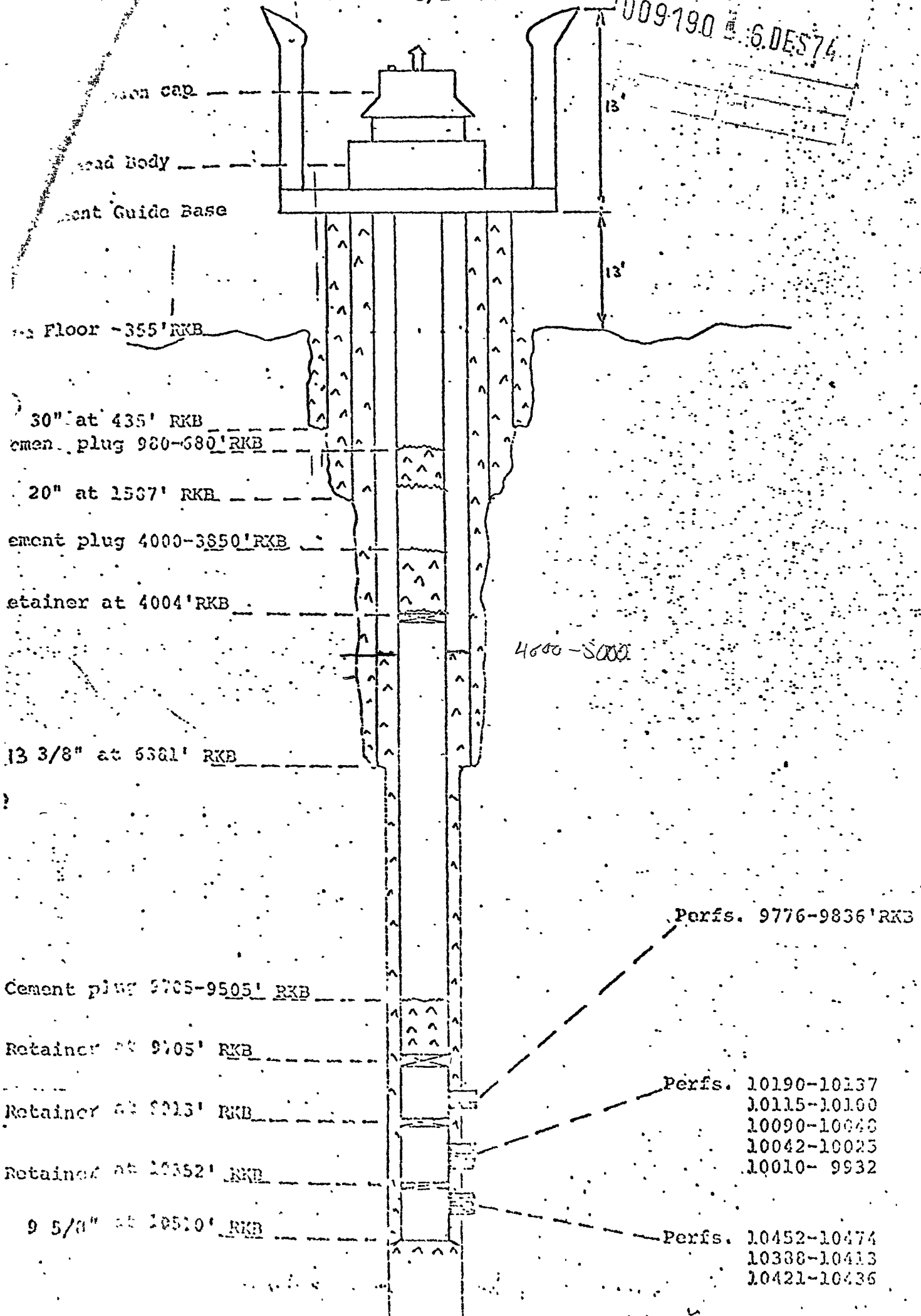
for R.D. Stiehler
R.D. Stiehler, Manager
Ekofisk Drilling and Production

ERW/RDS/ief

Attachment

Well 7/11-2X
Existing Condition
5/12-74

009190 6.DES74



Crown cap

Lead Body

Cement Guide Base

Floor - 355' RKB

30" at 435' RKB

Cement plug 980-680' RKB

20" at 1507' RKB

Cement plug 4000-3650' RKB

Retainer at 4004' RKB

13 3/8" at 5321' RKB

Cement plug 9705-9505' RKB

Retainer at 9705' RKB

Retainer at 8013' RKB

Retainer at 10352' RKB

9 5/8" at 10510' RKB

Perfs. 9776-9836' RKB

Perfs. 10190-10137
10115-10100
10090-10040
10042-10025
10010- 9932

Perfs. 10452-10474
10338-10413
10421-10436

4600-5000

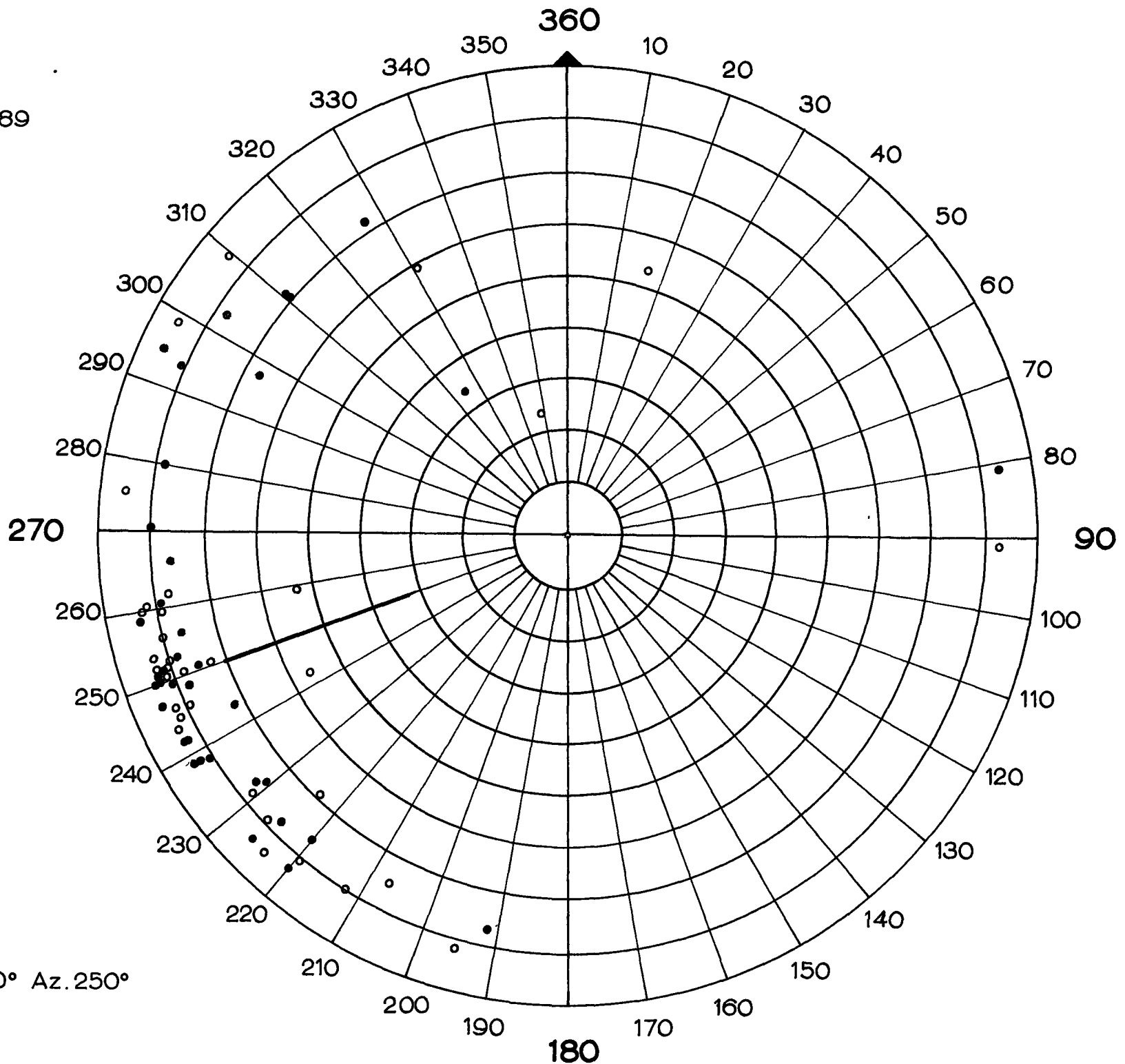
13'

13'

Phillips
7/11-2X
9787-10789

725:2

- Axx
- A
- Bxx



Mean dip 10° Az. 250°

725:2

7/11-2x

9791-
10.775

- - Axx
- - A
- ⊗ - Bxx
- x - B

